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Appendix B2
Kenny Drain (Proposed Condition)

Project Name: Owen Sound Drainage Study
Project No: MCG 10665
Location: Owen Sound
Designer: T. Lozon
Date: 24-May-2007
Date Modified: 14-Oct-2007

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SWMHYMO INPUT TABLE - KENNY DRAIN PROPOSED CONDITION

AREA No.	AREA (ha)	CN/CCN	XIMP	TIMP	Tp (hr)	IAper	SLPP	LGP	MNP	IAimp	SLPI	LGI	MNI
Walmart	20.72	78	0.65	0.65	N/A	5.0	4.2	130	0.250	2.0	1.1	371	0.013
Walmart External Area	1.58	78	N/A	N/A	0.11	5.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Canadian Tire	3.62	76	0.95	0.95	N/A	5.0	3.0	33	0.250	2.0	1.3	273	0.013
Mall	13.24	76	0.63	0.89	N/A	5.0	1.3	120	0.250	2.0	0.2	293	0.013
Miller East	1.26	76	0.60	0.74	N/A	5.0	1.9	26	0.250	2.0	0.7	73	0.013
Miller West	1.73	76	0.82	0.90	N/A	5.0	1.4	37	0.250	2.0	0.4	120	0.013
Andpet Commercial	1.10	76	0.95	0.95	N/A	5.0	1.0	10	0.250	2.0	2.0	115	0.013
Union Gas, 23rd Street	0.99	76	0.22	0.22	N/A	5.0	3.3	15	0.250	2.0	1.3	80	0.013
Catchment #1 - Commercial	5.30	76	0.90	0.90	N/A	5.0	2.1	30	0.250	2.0	4.1	146	0.013
Catchment #1 - Industrial	10.99	78	0.75	0.75	N/A	5.0	3.3	30	0.250	2.0	2.1	234	0.013
Catchment #2a - Commercial	4.44	76	0.90	0.90	N/A	5.0	6.7	30	0.250	2.0	3.4	149	0.013
Catchment #2b - Industrial	5.15	76	0.75	0.75	N/A	5.0	3.3	30	0.250	2.0	2.2	227	0.013
Catchment #3a	5.11	76	0.55	0.66	N/A	5.0	7.1	28	0.250	2.0	0.4	248	0.013
Catchment #3b	2.82	76	0.81	0.81	N/A	5.0	5.0	40	0.250	2.0	0.8	118	0.013
Catchment #3c	1.14	76	0.45	0.50	N/A	5.0	2.0	50	0.250	2.0	2.5	80	0.013
Catchment #4a	1.86	78	0.75	0.80	N/A	5.0	2.1	24	0.250	2.0	0.7	69	0.013
Catchment #4b	14.53	76	0.25	0.44	N/A	5.0	2.1	73	0.250	2.0	0.3	466	0.013
Catchment #5	15.85	69	0.32	0.47	N/A	5.0	1.5	103	0.250	2.0	1.4	289	0.013
Catchment #6a - Industrial	3.04	76	0.75	0.75	N/A	5.0	1.7	30	0.250	2.0	0.6	87	0.013
Catchment #6b	32.10	76	0.20	0.40	N/A	5.0	0.7	135	0.250	2.0	0.7	539	0.013
Catchment #7	2.90	63	0.33	0.38	N/A	6.5	0.6	82	0.250	2.0	0.4	130	0.013
Catchment #8	8.01	76	0.73	0.84	N/A	5.0	1.7	60	0.250	2.0	1.1	95	0.013
Catchment #9	7.85	75	0.42	0.43	N/A	6.0	1.6	96	0.250	2.0	1.7	207	0.013
Catchment #10 - Industrial	17.87	76	0.75	0.75	N/A	5.0	1.7	30	0.250	2.0	1.2	427	0.013
Catchment #11	4.18	76	0.28	0.36	N/A	5.0	3.0	82	0.250	2.0	0.7	270	0.013
Catchment #13	7.15	74	0.44	0.54	N/A	8.0	1.1	175	0.250	2.0	0.6	80	0.013
Catchment #14	7.52	74	0.32	0.35	N/A	8.0	1.1	175	0.250	2.0	1.8	111	0.013
Catchment #15 West - Open Space	1.38	74	N/A	N/A	0.25	8.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Catchment #15 West - Residential	12.42	77	0.30	0.55	N/A	5.0	1.7	30	0.250	2.0	1.8	221	0.013
Catchment #15 East - Open Space	3.15	74	N/A	N/A	0.25	8.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Catchment #15 East - Industrial	4.89	76	0.75	0.75	N/A	5.0	1.7	30	0.250	2.0	2.0	500	0.013
Catchment #16 - Industrial	26.59	76	0.75	0.75	N/A	5.0	1.7	30	0.250	2.0	1	551	0.013
Catchment #17 West - Residential	6.93	76	0.30	0.55	N/A	5.0	1.7	30	0.250	2.0	3.8	263	0.013
Catchment #17 West - Open Space	2.11	79	N/A	N/A	0.17	8.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Catchment #17 East - Residential	3.51	76	0.30	0.55	N/A	5.0	1.7	30	0.250	2.0	2.4	246	0.013
Catchment #17 East - Open Space	6.57	79	N/A	N/A	0.17	8.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Catchment #18	12.02	78	N/A	N/A	0.41	8.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Catchment #19	1.18	74	N/A	N/A	0.17	8.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Catchment #20 - Industrial	7.54	76	0.75	0.75	N/A	5.0	1.7	30	0.250	2.0	0.5	194	0.013

AREA The total catchment area (ha)
CN/CCN The composite SCS Curve Number for NASHYD commands, and the pervious SCS Curve Number for STANDHYD commands
XIMP The ratio of the directly connected impervious area
TIMP The ratio of the total impervious area
Tp The time of peak of the unit hydrograph (hrs)
Iaper The composite intital abstraction for NASHYD commands, and the pervious intial abstraction for STANDHYD commands (mm)
SLPP The average pervious surface slope over which runoff travels (%)
LGP The average lot depth or pervious length over which surface water travels along the longest flow path (m)
MNP The representative roughness coefficient for the pervious surface over which water travels before reaching the street or sewer system
Iaimp The impervious intial abstraction for STANDHYD commands (mm)
SLPI The average impervious surface slope over which runoff travels (%)
LGI The impervious travel length of the longest flow path (m)
MNI The average roughness coefficient for the impervious surface over which water travels

P:\Hydrotechnical\MCG 10665\PR-KENNY DRAIN\[PR-CN,_C,_Tp.xls]Summary

Project Name: Owen Sound Drainage Study
Project No: MCG 10665
Location: Owen Sound
Designer: T. Lozon
Date: 24-May-2007
Date Modified: 14-Oct-2007

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SCS Curve Number and Uplands Method Reference Sheet

SCS Curve Number and Initial Rainfall Abstraction Data

Hydrologic Soil Group	SCS Curve Number (AMCII)					
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass	Pavement	Water
A	30	39	66	44	98	100
AB	44	50	71	55	98	100
B	58	61	76	65	98	100
BC	65	68	79	71	98	100
C	71	74	82	76	98	100
CD	74	78	84	79	98	100
D	77	80	86	82	98	100

Initial Rainfall Abstraction, Ia (mm)						
Land Use	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass	Pavement	Water
Ia	10	8	7	5	2	0

CN (I)= 4.2CN(II)/(10-0.058CN(II)) CN (III)= 23CN(II)/(10+0.13CN(II))

NOTE: Standhyd commands - CN value is based solely on the pervious surfaces only.
Nashyd commands - CN value is based on a composite of both the pervious and impervious surfaces

Estimating Travel Velocity Using Uplands Method

$V = (x)(S)^{0.5}$ (Refer to Fig 3.12 Velocities for Upland method for estimating travel time for overland flow)

V= Velocity
S= Slope
x = Land Cover Coefficient **(see below)**

x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
	4.6	Grassed Waterway
	6.1	Paved Areas (sheet flow); small upland gullies

Time of Concentration for One Land Use on Flow Path

$Tc_1 = L_1 / V_1$ $Tp_1 = 0.67 \times Tc_1$

Total Time of Concentration for Multiple Land Uses on Flow Path

$Tc_{total} = Tc_1 + Tc_2 + Tc_3 + Tc_4 + Tc_5$ $Tp_{total} = Tp_1 + Tp_2 + Tp_3 + Tp_4 + Tp_5$

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Walmart

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C	2.15		4.3	0.72
CD				
D				

Total area (ha):	20.72	Pervious CN(I):	60
Pervious area (ha):	7.17	Pervious CN(II):	78
Impervious area (ha):	13.55	Pervious CN(III):	89

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	130	Length (m)	371
h_1 (m)	238.5	h_1 (m)	227.6
h_2 (m)	233	h_2 (m)	223.5
Δh (m)	5.5	Δh (m)	4.1
Slope (%)	4.23	Slope (%)	1.11
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	12.5	65	65
Driveway			
Sidewalk			
Building	1.02		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	20-Jun-2007

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Walmart External Area

SWMHYMO Nashyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)					
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass	Pavement	Water
A						
AB						
B						
BC						
C				1.42	0.16	
CD						
D						

Total area (ha):	1.58	Composite CN(I):	60	
Pervious area (ha):	1.42	Composite CN(II):	78	Composite Ia (mm): 5.2
Impervious area (ha):	0.16	Composite CN(III):	89	

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	176					176
h_1 (m)	230					230
h_2 (m)	227					227
Δh (m)	3					3
Slope (%)	1.70					1.70
x	2.3					N/A
V (m/s)	0.30					N/A
Tc (min)	9.77					9.77
Tc (hr)	0.16					0.16
Tp (hr)	0.11					0.11

x = Land Cover Coefficient **(see below)**

x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
	4.6	Grassed Waterway
	6.1	Paved Areas (sheet flow); small upland gullies

Project Name:	Owen Sound Drainage Study
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Canadian Tire

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				0.18
CD				
D				

Total area (ha):	3.62	Pervious CN(I):	57
Pervious area (ha):	0.18	Pervious CN(II):	76
Impervious area (ha):	3.44	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	33	Length (m)	273
h_1 (m)	221	h_1 (m)	223
h_2 (m)	220	h_2 (m)	219.5
Δh (m)	1	Δh (m)	3.5
Slope (%)	3.03	Slope (%)	1.28
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	3.4	95	95
Driveway			
Sidewalk			
Building			
Other			

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Mall

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				1.5
CD				
D				

Total area (ha):	13.24	Pervious CN(I):	57
Pervious area (ha):	1.50	Pervious CN(II):	76
Impervious area (ha):	11.74	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	120	Length (m)	293
h_1 (m)	220	h_1 (m)	218.5
h_2 (m)	218.5	h_2 (m)	218
Δh (m)	1.5	Δh (m)	0.5
Slope (%)	1.25	Slope (%)	0.17
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	8.3	63	89
Driveway			
Sidewalk			
Building	3.4		
Other			

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Miller East

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				0.33
CD				
D				

Total area (ha):	1.26	Pervious CN(I):	57
Pervious area (ha):	0.33	Pervious CN(II):	76
Impervious area (ha):	0.93	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	26	Length (m)	73
h_1 (m)	220	h_1 (m)	220
h_2 (m)	219.5	h_2 (m)	219.5
Δh (m)	0.5	Δh (m)	0.5
Slope (%)	1.92	Slope (%)	0.68
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	0.8	60	74
Driveway			
Sidewalk			
Building	0.17		
Other			

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Miller West

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				0.173
CD				
D				

Total area (ha):	1.73	Pervious CN(I):	57
Pervious area (ha):	0.17	Pervious CN(II):	76
Impervious area (ha):	1.56	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	37	Length (m)	120
h_1 (m)	218.5	h_1 (m)	218.5
h_2 (m)	218	h_2 (m)	218
Δh (m)	0.5	Δh (m)	0.5
Slope (%)	1.35	Slope (%)	0.42
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	1.42	82	90
Driveway			
Sidewalk			
Building	0.14		
Other			

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Andpet Commercial

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				0.055
CD				
D				

Total area (ha):	1.10	Pervious CN(I):	57
Pervious area (ha):	0.06	Pervious CN(II):	76
Impervious area (ha):	1.05	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	10	Length (m)	115
h_1 (m)	218	h_1 (m)	219.5
h_2 (m)	217.9	h_2 (m)	217.2
Δh (m)	0.1	Δh (m)	2.3
Slope (%)	1.00	Slope (%)	2.00
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	1.0	95	95
Driveway			
Sidewalk			
Building			
Other			

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Union Gas 23rd Street

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				0.77
CD				
D				

Total area (ha):	0.99	Pervious CN(I):	57
Pervious area (ha):	0.77	Pervious CN(II):	76
Impervious area (ha):	0.22	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	15	Length (m)	90
h_1 (m)	218.5	h_1 (m)	219
h_2 (m)	218	h_2 (m)	217.8
Δh (m)	0.5	Δh (m)	1.2
Slope (%)	3.33	Slope (%)	1.33
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	0.22	22	22
Driveway			
Sidewalk			
Building			
Other			

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Catchment #1 - Commercial

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				0.53
CD				
D				

Total area (ha):	5.30	Pervious CN(I):	57
Pervious area (ha):	0.53	Pervious CN(II):	76
Impervious area (ha):	4.77	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	30	Length (m)	146
h_1 (m)	234.5	h_1 (m)	234
h_2 (m)	233.87	h_2 (m)	228
Δh (m)	0.63	Δh (m)	6
Slope (%)	2.10	Slope (%)	4.12
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

length:width ratio
2.5

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	4.77	90	90
Driveway			
Sidewalk			
Building			
Other			

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Catchment #1 - Industrial

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				2.75
CD				
D				

Total area (ha):	10.99	Pervious CN(I):	57
Pervious area (ha):	2.75	Pervious CN(II):	76
Impervious area (ha):	8.24	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	30	Length (m)	234
h_1 (m)	228	h_1 (m)	228
h_2 (m)	227	h_2 (m)	223
Δh (m)	1	Δh (m)	5
Slope (%)	3.33	Slope (%)	2.13
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

length:width ratio
2

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	8.24	75	75
Driveway			
Sidewalk			
Building			
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #2a - Commercial

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				0.44
CD				
D				

Total area (ha):	4.44	Pervious CN(I):	57
Pervious area (ha):	0.44	Pervious CN(II):	76
Impervious area (ha):	4.00	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	30	Length (m)	149
h_1 (m)	235	h_1 (m)	228
h_2 (m)	233	h_2 (m)	223
Δh (m)	2	Δh (m)	5
Slope (%)	6.67	Slope (%)	3.36
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

length:width ratio
2

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	4.0	90	90
Driveway			
Sidewalk			
Building			
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #2b - Industrial

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				1.29
CD				
D				

Total area (ha):	5.15	Pervious CN(I):	57
Pervious area (ha):	1.29	Pervious CN(II):	76
Impervious area (ha):	3.86	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	30	Length (m)	227
h_1 (m)	220	h_1 (m)	225
h_2 (m)	219	h_2 (m)	220
Δh (m)	1	Δh (m)	5
Slope (%)	3.33	Slope (%)	2.20
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

length:width ratio
1

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	3.9	75	75
Driveway			
Sidewalk			
Building			
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #3a

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				1.74
CD				
D				

Total area (ha):	5.11	Pervious CN(I):	57
Pervious area (ha):	1.74	Pervious CN(II):	76
Impervious area (ha):	3.37	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	28	Length (m)	248
h_1 (m)	220	h_1 (m)	218
h_2 (m)	218	h_2 (m)	217
Δh (m)	2	Δh (m)	1
Slope (%)	7.14	Slope (%)	0.40
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	2.8	55	66
Driveway			
Sidewalk			
Building	0.58		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	12-Jun-2007

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Catchment #3b

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				0.54
CD				
D				

Total area (ha):	2.82	Pervious CN(I):	57
Pervious area (ha):	0.54	Pervious CN(II):	76
Impervious area (ha):	2.28	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	40	Length (m)	118
h_1 (m)	220	h_1 (m)	218
h_2 (m)	218	h_2 (m)	217
Δh (m)	2	Δh (m)	1
Slope (%)	5.00	Slope (%)	0.85
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	2.3	81	81
Driveway			
Sidewalk			
Building			
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #3c

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				0.57
CD				
D				

Total area (ha):	1.14	Pervious CN(I):	57
Pervious area (ha):	0.57	Pervious CN(II):	76
Impervious area (ha):	0.57	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	50	Length (m)	80
h_1 (m)	220.5	h_1 (m)	219
h_2 (m)	219.5	h_2 (m)	217
Δh (m)	1	Δh (m)	2
Slope (%)	2.00	Slope (%)	2.50
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	0.5	45	50
Driveway			
Sidewalk			
Building	0.06		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #4a

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				0.37
CD				
D				

Total area (ha):	1.86	Pervious CN(I):	57
Pervious area (ha):	0.37	Pervious CN(II):	76
Impervious area (ha):	1.49	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	24	Length (m)	69
h_1 (m)	218.5	h_1 (m)	219
h_2 (m)	218	h_2 (m)	218.5
Δh (m)	0.5	Δh (m)	0.5
Slope (%)	2.08	Slope (%)	0.72
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	1.4	75	80
Driveway			
Sidewalk			
Building	0.1		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #4b

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				8.09
CD				
D				

Total area (ha):	14.53	Pervious CN(I):	57
Pervious area (ha):	8.09	Pervious CN(II):	76
Impervious area (ha):	6.44	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	73	Length (m)	466
h_1 (m)	217.5	h_1 (m)	217.5
h_2 (m)	216	h_2 (m)	216
Δh (m)	1.5	Δh (m)	1.5
Slope (%)	2.05	Slope (%)	0.32
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	3.6	25	44
Driveway			
Sidewalk			
Building	2.83		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #5

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B		3.1		
BC				
C		5.28		
CD				
D				

Total area (ha):	15.85	Pervious CN(I):	49
Pervious area (ha):	8.38	Pervious CN(II):	69
Impervious area (ha):	7.47	Pervious CN(III):	84

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	103	Length (m)	289
h_1 (m)	221.5	h_1 (m)	226
h_2 (m)	220	h_2 (m)	222
Δh (m)	1.5	Δh (m)	4
Slope (%)	1.46	Slope (%)	1.38
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	5.0	32	47
Driveway			
Sidewalk			
Building	2.43		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #6a - Industrial

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				0.76
CD				
D				

Total area (ha):	3.04	Pervious CN(I):	57
Pervious area (ha):	0.76	Pervious CN(II):	76
Impervious area (ha):	2.28	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	30	Length (m)	87
h_1 (m)	213.5	h_1 (m)	213.5
h_2 (m)	213	h_2 (m)	213
Δh (m)	0.5	Δh (m)	0.5
Slope (%)	1.67	Slope (%)	0.57
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

length:width ratio
4

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	2.3	75	75
Driveway			
Sidewalk			
Building			
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #6b

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				19.27
CD				
D				

Total area (ha):	32.10	Pervious CN(I):	57
Pervious area (ha):	19.27	Pervious CN(II):	76
Impervious area (ha):	12.83	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	135	Length (m)	539
h_1 (m)	216	h_1 (m)	218
h_2 (m)	215	h_2 (m)	214
Δh (m)	1	Δh (m)	4
Slope (%)	0.74	Slope (%)	0.74
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	6.5	20	40
Driveway			
Sidewalk			
Building	6.35		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #7

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B	0.54			1.25
BC				
C				
CD				
D				

Total area (ha):	2.90	Pervious CN(I):	42
Pervious area (ha):	1.79	Pervious CN(II):	63
Impervious area (ha):	1.11	Pervious CN(III):	80

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	82	Length (m)	130
h_1 (m)	220	h_1 (m)	220
h_2 (m)	219.5	h_2 (m)	219.5
Δh (m)	0.5	Δh (m)	0.5
Slope (%)	0.61	Slope (%)	0.38
Ia (mm)	6.5	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	1.0	33	38
Driveway			
Sidewalk			
Building	0.15		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	12-Jun-2007

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Catchment #8

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				1.28
CD				
D				

Total area (ha):	8.01	Pervious CN(I):	57
Pervious area (ha):	1.28	Pervious CN(II):	76
Impervious area (ha):	6.73	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	60	Length (m)	95
h_1 (m)	218.5	h_1 (m)	219
h_2 (m)	217.5	h_2 (m)	218
Δh (m)	1	Δh (m)	1
Slope (%)	1.67	Slope (%)	1.05
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	5.85	73	84
Driveway			
Sidewalk			
Building	0.88		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #9

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C	0.89			3.56
CD				
D				

Total area (ha):	7.85	Pervious CN(I):	56
Pervious area (ha):	4.45	Pervious CN(II):	75
Impervious area (ha):	3.40	Pervious CN(III):	87

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	96	Length (m)	207
h_1 (m)	217	h_1 (m)	218
h_2 (m)	215.5	h_2 (m)	214.5
Δh (m)	1.5	Δh (m)	3.5
Slope (%)	1.56	Slope (%)	1.69
Ia (mm)	6.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	3.3	42	43
Driveway			
Sidewalk			
Building	0.08		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #10 - Industrial

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				4.47
CD				
D				

Total area (ha):	17.87	Pervious CN(I):	57
Pervious area (ha):	4.47	Pervious CN(II):	76
Impervious area (ha):	13.40	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	30	Length (m)	427
h_1 (m)	213	h_1 (m)	217
h_2 (m)	212.5	h_2 (m)	212
Δh (m)	0.5	Δh (m)	5
Slope (%)	1.67	Slope (%)	1.17
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

length:width ratio
0.98

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	13.4	75	75
Driveway			
Sidewalk			
Building			
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #11

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				2.69
CD				
D				

Total area (ha):	4.18	Pervious CN(I):	57
Pervious area (ha):	2.69	Pervious CN(II):	76
Impervious area (ha):	1.49	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	82	Length (m)	270
h_1 (m)	218.5	h_1 (m)	216
h_2 (m)	216	h_2 (m)	214
Δh (m)	2.5	Δh (m)	2
Slope (%)	3.05	Slope (%)	0.74
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	1.2	28	36
Driveway			
Sidewalk			
Building	0.34		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #13

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C		3.27		
CD				
D				

Total area (ha):	7.15	Pervious CN(I):	54
Pervious area (ha):	3.27	Pervious CN(II):	74
Impervious area (ha):	3.88	Pervious CN(III):	87

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	175	Length (m)	80
h_1 (m)	216	h_1 (m)	212
h_2 (m)	214	h_2 (m)	211.5
Δh (m)	2	Δh (m)	0.5
Slope (%)	1.14	Slope (%)	0.63
Ia (mm)	8.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	3.1	44	54
Driveway			
Sidewalk			
Building	0.76		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	12-Jun-2007

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Catchment #14

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C		4.91		
CD				
D				

Total area (ha):	7.52	Pervious CN(I):	54
Pervious area (ha):	4.91	Pervious CN(II):	74
Impervious area (ha):	2.61	Pervious CN(III):	87

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	175	Length (m)	111
h_1 (m)	215	h_1 (m)	216
h_2 (m)	213	h_2 (m)	214
Δh (m)	2	Δh (m)	2
Slope (%)	1.14	Slope (%)	1.80
Ia (mm)	8.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	2.4	32	35
Driveway			
Sidewalk			
Building	0.19		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #15 West - Open Space

SWMHYMO Nashyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)					
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass	Pavement	Water
A						
AB						
B						
BC						
C		1.38				
CD						
D						

Total area (ha):	1.38	Composite CN(I):	54		
Pervious area (ha):	1.38	Composite CN(II):	74	Composite Ia (mm):	8.0
Impervious area (ha):	0.00	Composite CN(III):	87		

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	537					537
h_1 (m)	216.5					216.5
h_2 (m)	200					200
Δh (m)	16.5					16.5
Slope (%)	3.07					3.07
x	2.3					N/A
V (m/s)	0.40					N/A
Tc (min)	22.20					22.20
Tc (hr)	0.37					0.37
Tp (hr)	0.25					0.25

x = Land Cover Coefficient **(see below)**

x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
	4.6	Grassed Waterway
	6.1	Paved Areas (sheet flow); small upland gullies

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #15 West - Residential

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				4.22
CD				
D				1.36

Total area (ha):	12.42	Pervious CN(I):	59
Pervious area (ha):	5.58	Pervious CN(II):	77
Impervious area (ha):	6.84	Pervious CN(III):	89

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	30	Length (m)	221
h_1 (m)	204	h_1 (m)	204
h_2 (m)	203.5	h_2 (m)	200
Δh (m)	0.5	Δh (m)	4
Slope (%)	1.67	Slope (%)	1.81
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

length:width ratio
2.55

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	3.7	30	55
Driveway			
Sidewalk			
Building	3.11		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #15 East - Open Space

SWMHYMO Nashyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)					
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass	Pavement	Water
A						
AB						
B						
BC						
C		3.15				
CD						
D						

Total area (ha):	3.15	Composite CN(I):	54		
Pervious area (ha):	3.15	Composite CN(II):	74	Composite Ia (mm):	8.0
Impervious area (ha):	0.00	Composite CN(III):	87		

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	460					460
h_1 (m)	211					211
h_2 (m)	201					201
Δh (m)	10					10
Slope (%)	2.17					2.17
x	2.3					N/A
V (m/s)	0.34					N/A
Tc (min)	22.61					22.61
Tc (hr)	0.38					0.38
Tp (hr)	0.25					0.25

x = Land Cover Coefficient **(see below)**

x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
	4.6	Grassed Waterway
	6.1	Paved Areas (sheet flow); small upland gullies

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	12-Jun-2007

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Catchment #15 East - Industrial

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				1.22
CD				
D				

Total area (ha):	4.89	Pervious CN(I):	57
Pervious area (ha):	1.22	Pervious CN(II):	76
Impervious area (ha):	3.67	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	30	Length (m)	500
h_1 (m)	202	h_1 (m)	210
h_2 (m)	201.5	h_2 (m)	200
Δh (m)	0.5	Δh (m)	10
Slope (%)	1.67	Slope (%)	2.00
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	3.7	75	75
Driveway			
Sidewalk			
Building			
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #16 - Industrial

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				6.65
CD				
D				

Total area (ha):	26.59	Pervious CN(I):	57
Pervious area (ha):	6.65	Pervious CN(II):	76
Impervious area (ha):	19.94	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	30	Length (m)	551
h_1 (m)	200	h_1 (m)	200
h_2 (m)	199.5	h_2 (m)	194
Δh (m)	0.5	Δh (m)	6
Slope (%)	1.67	Slope (%)	1.09
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

length:width ratio

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	19.9	75	75
Driveway			
Sidewalk			
Building			
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #17 West - Residential

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				3.12
CD				
D				

Total area (ha):	6.93	Pervious CN(I):	57
Pervious area (ha):	3.12	Pervious CN(II):	76
Impervious area (ha):	3.81	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	30	Length (m)	263
h_1 (m)	200	h_1 (m)	204
h_2 (m)	199.5	h_2 (m)	194
Δh (m)	0.5	Δh (m)	10
Slope (%)	1.67	Slope (%)	3.80
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

length:width ratio
1

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	2.1	30	55
Driveway			
Sidewalk			
Building	1.73		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #17 West - Open Space

SWMHYMO Nashyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)					
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass	Pavement	Water
A						
AB						
B						
BC						
C		0.41				
CD						
D		1.70				

Total area (ha):	2.11	Composite CN(I):	61		
Pervious area (ha):	2.11	Composite CN(II):	79	Composite Ia (mm):	8.0
Impervious area (ha):	0.00	Composite CN(III):	90		

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	270					270
h_1 (m)	192.5					192.5
h_2 (m)	188					188
Δh (m)	4.5					4.5
Slope (%)	1.67					1.67
x	2.3					N/A
V (m/s)	0.30					N/A
Tc (min)	15.16					15.16
Tc (hr)	0.25					0.25
Tp (hr)	0.17					0.17

x = Land Cover Coefficient **(see below)**

x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
	4.6	Grassed Waterway
	6.1	Paved Areas (sheet flow); small upland gullies

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #17 East - Residential

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				1.5795
CD				
D				

Total area (ha):	3.51	Pervious CN(I):	57
Pervious area (ha):	1.58	Pervious CN(II):	76
Impervious area (ha):	1.93	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)	30	Length (m)	246
h_1 (m)	200	h_1 (m)	200
h_2 (m)	199.5	h_2 (m)	194
Δh (m)	0.5	Δh (m)	6
Slope (%)	1.67	Slope (%)	2.44
Ia (mm)	5.0	Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

length:width ratio

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	1.1	30	55
Driveway			
Sidewalk			
Building	0.88		
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG t0665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #17 East - Open Space

SWMHYMO Nashyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)					
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass	Pavement	Water
A						
AB						
B						
BC						
C						
CD						
D	1.97	4.6				

Total area (ha):	6.57	Composite CN(I):	61		
Pervious area (ha):	6.57	Composite CN(II):	79	Composite Ia (mm):	8.6
Impervious area (ha):	0.00	Composite CN(III):	90		

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	350					350
h_1 (m)	210					210
h_2 (m)	200					200
Δh (m)	10					10
Slope (%)	2.86					2.86
x	2.3					N/A
V (m/s)	0.39					N/A
Tc (min)	15.00					15.00
Tc (hr)	0.25					0.25
Tp (hr)	0.17					0.17

x = Land Cover Coefficient **(see below)**

x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
	4.6	Grassed Waterway
	6.1	Paved Areas (sheet flow); small upland gullies

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	12-Jun-2007

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Catchment #18

SWMHYMO Nashyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)					
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass	Pavement	Water
A						
AB						
B						
BC						
C		6.49			0.71	
CD						
D		4.82				

Total area (ha):	12.02	Composite CN(I):	60		
Pervious area (ha):	11.31	Composite CN(II):	78	Composite Ia (mm):	8.1
Impervious area (ha):	0.71	Composite CN(III):	89		

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	848					848
h_1 (m)	212					212
h_2 (m)	188					188
Δh (m)	24					24
Slope (%)	2.83					2.83
x	2.3					N/A
V (m/s)	0.39					N/A
Tc (min)	36.53					36.53
Tc (hr)	0.61					0.61
Tp (hr)	0.41					0.41

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
	4.6	Grassed Waterway
	6.1	Paved Areas (sheet flow); small upland gullies

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
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Catchment #19

SWMHYMO Nashyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)					
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass	Pavement	Water
A						
AB						
B						
BC						
C		1.18				
CD						
D						

Total area (ha):	1.18	Composite CN(I):	54		
Pervious area (ha):	1.18	Composite CN(II):	74	Composite Ia (mm):	8.0
Impervious area (ha):	0.00	Composite CN(III):	87		

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	23					23
h_1 (m)	191.5					191.5
h_2 (m)	188					188
Δh (m)	3.5					3.5
Slope (%)	15.22					15.22
x	2.3					N/A
V (m/s)	0.90					N/A
Tc (min)	0.43					15*
Tc (hr)	0.01					0.25
Tp (hr)	0.00					0.17

*since Tc is less than 15 min assumed to be 15 min

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
	4.6	Grassed Waterway
	6.1	Paved Areas (sheet flow); small upland gullies

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #20 - Industrial

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				1.89
CD				
D				

Total area (ha):	7.54	Pervious CN(I):	57
Pervious area (ha):	1.89	Pervious CN(II):	76
Impervious area (ha):	5.65	Pervious CN(III):	88

Drainage Area Calculations

Table 1

Pervious		*Impervious*		length:width ratio
Length (m)	30	Length (m)	194	2
h_1 (m)	188	h_1 (m)	188	
h_2 (m)	187.5	h_2 (m)	187	
Δh (m)	0.5	Δh (m)	1	
Slope (%)	1.67	Slope (%)	0.52	
Ia (mm)	5.0	Ia (mm)	2.0	
Mannings n	0.25	Mannings n	0.013	

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway	5.7	75	75
Driveway			
Sidewalk			
Building			
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Miller East -SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	**494**					**494**
h_1 (m)	**218**					**218**
h_2 (m)	**213.5**					**213.5**
Δh (m)	**4.5**					**4.5**
Slope (%)	**0.91**					**0.91**
x	4.6					**N/A**
V (m/s)	0.44					**N/A**
Tc (min)	18.75					**18.75**

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
	4.6	Grassed Waterway
	6.1	Paved Areas (sheet flow); small upland gullies

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Miller West-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	409					409
h_1 (m)	218.5					218.5
h_2 (m)	213.5					213.5
Δh (m)	5					5
Slope (%)	1.22					1.22
x	4.6					N/A
V (m/s)	0.51					N/A
Tc (min)	13.40					13.40

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
	4.6	Grassed Waterway
	6.1	Paved Areas (sheet flow); small upland gullies

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #1-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	815					815
h_1 (m)	222					222
h_2 (m)	216					216
Δh (m)	6					6
Slope (%)	0.74					0.74
x	4.6					N/A
V (m/s)	0.39					N/A
Tc (min)	34.42					34.42

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
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Catchment #2a-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	**600**					**600**
h_1 (m)	**219.5**					**219.5**
h_2 (m)	**217.5**					**217.5**
Δh (m)	**2**					**2**
Slope (%)	**0.33**					**0.33**
x	4.6					**N/A**
V (m/s)	0.27					**N/A**
Tc (min)	37.65					**37.65**

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
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Catchment #2b-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	600					600
h_1 (m)	218					218
h_2 (m)	216					216
Δh (m)	2					2
Slope (%)	0.33					0.33
x	4.6					N/A
V (m/s)	0.27					N/A
Tc (min)	37.65					37.65

x = Land Cover Coefficient **(see below)**

x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
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Catchment #3a-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	**262**					**262**
h_1 (m)	**218.5**					**218.5**
h_2 (m)	**217.5**					**217.5**
Δh (m)	**1**					**1**
Slope (%)	**0.38**					**0.38**
x	4.6					**N/A**
V (m/s)	0.28					**N/A**
Tc (min)	15.37					**15.37**

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
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Catchment #5-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	**830**					**830**
h_1 (m)	**218**					**218**
h_2 (m)	**214**					**214**
Δh (m)	**4**					**4**
Slope (%)	**0.48**					**0.48**
x	4.6					**N/A**
V (m/s)	0.32					**N/A**
Tc (min)	43.32					**43.32**

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
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	6.1	Paved Areas (sheet flow); small upland gullies

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Catchment #7-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	**925**					**925**
h_1 (m)	**220**					**220**
h_2 (m)	**214**					**214**
Δh (m)	**6**					**6**
Slope (%)	**0.65**					**0.65**
x	4.6					**N/A**
V (m/s)	0.37					**N/A**
Tc (min)	41.61					**41.61**

x = Land Cover Coefficient **(see below)**

x = 0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
2.3	Short grass pasture (overland flow)
2.7	Cultivated Straight row (overland flow)
3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
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Catchment #8-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	410					410
h_1 (m)	216					216
h_2 (m)	214					214
Δh (m)	2					2
Slope (%)	0.49					0.49
x	4.6					N/A
V (m/s)	0.32					N/A
Tc (min)	21.27					21.27

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
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Catchment #9-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	484					484
h_1 (m)	214					214
h_2 (m)	210					210
Δh (m)	4					4
Slope (%)	0.83					0.83
x	4.6					N/A
V (m/s)	0.42					N/A
Tc (min)	19.29					19.29

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
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Catchment #15b-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	330					330
h_1 (m)	203					203
h_2 (m)	194					194
Δh (m)	9					9
Slope (%)	2.73					2.73
x	4.6					N/A
V (m/s)	0.76					N/A
Tc (min)	7.24					7.24

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
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Flow Node 2 to Flow Node 3-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	240					240
h_1 (m)	218.5					218.5
h_2 (m)	217					217
Δh (m)	1.5					1.5
Slope (%)	0.63					0.63
x	4.6					N/A
V (m/s)	0.36					N/A
Tc (min)	11.00					11.00

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
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Project Name:	Owen Sound Drainage Study
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Flow Node 3 to Flow Node 4-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	**390**					**390**
h_1 (m)	**217**					**217**
h_2 (m)	**214.5**					**214.5**
Δh (m)	**2.5**					**2.5**
Slope (%)	**0.64**					**0.64**
x	4.6					**N/A**
V (m/s)	0.37					**N/A**
Tc (min)	17.65					**17.65**

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
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Flow Node 4 to Flow Node 5-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	**697**					**697**
h_1 (m)	**214**					**214**
h_2 (m)	**209.5**					**209.5**
Δh (m)	**4.5**					**4.5**
Slope (%)	**0.65**					**0.65**
x	4.6					**N/A**
V (m/s)	0.37					**N/A**
Tc (min)	31.43					**31.43**

x = Land Cover Coefficient **(see below)**

x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
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Flow Node 5 to Flow Node 6-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	**578**					**578**
h_1 (m)	**209.5**					**209.5**
h_2 (m)	**200**					**200**
Δh (m)	**9.5**					**9.5**
Slope (%)	**1.64**					**1.64**
x	4.6					**N/A**
V (m/s)	0.59					**N/A**
Tc (min)	16.34					**16.34**

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
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Flow Node 6 to Flow Node 8-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	503					503
h_1 (m)	200					200
h_2 (m)	193.5					193.5
Δh (m)	6.5					6.5
Slope (%)	1.29					1.29
x	4.6					N/A
V (m/s)	0.52					N/A
Tc (min)	16.03					16.03

x = Land Cover Coefficient **(see below)**

x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
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Flow Node 7 to Flow Node 8-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	**458**					**458**
h_1 (m)	**210**					**210**
h_2 (m)	**194**					**194**
Δh (m)	**16**					**16**
Slope (%)	**3.49**					**3.49**
x	4.6					**N/A**
V (m/s)	0.86					**N/A**
Tc (min)	8.88					**8.88**

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
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Flow Node 8 to Flow Node 9-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	405					405
h_1 (m)	194					194
h_2 (m)	188					188
Δh (m)	6					6
Slope (%)	1.48					1.48
x	4.6					N/A
V (m/s)	0.56					N/A
Tc (min)	12.06					12.06

x = Land Cover Coefficient **(see below)**		
x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
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Flow Node 9 to Flow Node 10-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)	**525**					**525**
h_1 (m)	**188**					**188**
h_2 (m)	**178**					**178**
Δh (m)	**10**					**10**
Slope (%)	**1.90**					**1.90**
x	**4.6**					**N/A**
V (m/s)	0.63					**N/A**
Tc (min)	13.78					**13.78**

x = Land Cover Coefficient **(see below)**

x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
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Catchment #1 - Agricultural Land Use

SWMHYMO Nashyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)					
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass	Pavement	Water
A						
AB						
B						
BC						
C						
CD						
D						

Total area (ha):	0.0	Composite CN(I):		
Pervious area (ha):	0.0	Composite CN(II):	Composite Ia (mm):	
Impervious area (ha):	0.0	Composite CN(III):		

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)						
h_1 (m)						
h_2 (m)						
Δh (m)						
Slope (%)						
x						N/A
V (m/s)						N/A
Tc (min)						
Tc (hr)						
Tp (hr)						

x = Land Cover Coefficient **(see below)**

x =	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
	4.6	Grassed Waterway
	6.1	Paved Areas (sheet flow); small upland gullies

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	14-Oct-2007

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Catchment #1 - Residential Land Use

SWMHYMO Standhyd Modelling Parameters

Hydrologic Soil Group	Total Area per Various Land Use (ha)			
	Forest/Woodlot	Meadow/Field	Crop	Lawn/Grass
A				
AB				
B				
BC				
C				
CD				
D				

Total area (ha):			Pervious CN(I):
Pervious area (ha):	0.0		Pervious CN(II):
Impervious area (ha):	0.0		Pervious CN(III):

Drainage Area Calculations

Table 1

Pervious		*Impervious*	
Length (m)		Length (m)	
h_1 (m)		h_1 (m)	
h_2 (m)		h_2 (m)	
Δh (m)		Δh (m)	
Slope (%)		Slope (%)	
Ia (mm)		Ia (mm)	2.0
Mannings n	0.25	Mannings n	0.013

Table 2

Land Use	*Area (ha)*	*Ximp (%)*	*Timp (%)*
Roadway			
Driveway			
Sidewalk			
Building			
Other			

Project Name:	Owen Sound Drainage Study
Project No:	MCG 10665
Location:	Owen Sound
Designer:	T. Lozon
Date:	24-May-2007
Date Modified:	20-Jun-2007

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Catchment #1-SHIFT

Drainage Area Calculations

Table 1

Parameters	x_1	x_2	x_3	x_4	x_5	*Total*
Length (m)						
h_1 (m)						
h_2 (m)						
Δh (m)						
Slope (%)						
x						N/A
V (m/s)						N/A
Tc (min)						
Tc (hr)						
Tp (hr)						

x = Land Cover Coefficient **(see below)**

x =		
	0.6	Forest with Heavy Ground Litter, hay meadow (overland flow)
	1.5	Trash Fallow or Minimum Tillage cultivation, strip cropped woodland(overland flow)
	2.3	Short grass pasture (overland flow)
	2.7	Cultivated Straight row (overland flow)
	3.0	Nearly bare untilled (overland flow) or alluvial fans located in the Western mountain Regions
	4.6	Grassed Waterway
	6.1	Paved Areas (sheet flow); small upland gullies

```
2     Metric units
*#*************************************************************************
*#  Project Name: [Owen Sound Drainage Study]     Project Number: [MCG 10665[
*#  Date        : 04-12-2007
*#  Modeller    : [T.Lozon]
*#  Company     : R.J. Burnside and Associates
*#  License #   :  3846413
*****************************************************************
*%
*%
*% POST-DEVELOPMENT CONDITION- KENNY DRAIN
*%
*% WITHOUT PONDS
*%
*% THE GAMBSY AND MANNEROW LIMTED SURFACE WATER MANAGEMENT REPORT FOR THE
*% ANDPET SUBDIVISION, 16TH AVENUE EAST, DATED JANUARY 2006, HAS BEEN REFERENCED
*% AND CONVERTED FROM MIDUSS TO SWMHYMO FOR USE IN THIS MODEL.
*% THE GAMBSY AND MANNEROW LIMTED MIDUSS STORMWATER MANAGEMENT MODEL HAS
*% CALCULATED FLOWS FROM 8TH STREET EAST TO 16TH STREET EAST ON 16TH AVENUE EAST.
*%
*%
*% 2-year SCS Type-II Storm Distribution for Owen Sound, ON. [6-hour)
START               TZERO=[0.0],  METOUT=[2],  NSTORM=[1[,  NRUN=[1[
*%                    ["2SCS6.stm"] <--storm filename
*%-----------------|-------------------------------------------------------|
READ STORM          STORM_FILENAME=["STORM.001"]
*%-----------------|-------------------------------------------------------|
*%
*%
*% START OF SYDENHAM SCHOOL STORM SEWER SYSTEM (C-3119)
*%
*% THE CALIB STANDHYD ILLUSTRATED BELOW DESCRIBES POST DEVELOPMENT CATCHMENT
*% AREA FOR SYDENHAM SCHOOL. THE FLOW CALCULATED IN THIS MODEL HAS BEEN
*% VERIFIED WITH THE MIDUSS MODEL CALCULATED BY GAMBSY AND MANNEROW LIMITED AND
*% ALSO BY SYDNEHAM SCHOOL SWMHYMO MODEL.
*%
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[4[, NHYD=["TRA7"[, DT=[2[(min), AREA=[1.82[(ha),
                    XIMP=[0.6], TIMP=[0.6], DWF=[0][cms), LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0[(mm), SLPP=[0.5](%),
                                         LGP=[70](m), MNP=[0.030], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0[(mm), SLPI=[0.5[(%),
                                         LGI=[170](m), MNI=[0.013[, SCI=[0[(hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
*%
*% END OF SYDNEHAM SCHOOL STORM SEWER
*% START OF 8TH STREET EAST STORM SEWER, WEST OF 16th AVENUE (C-3666)
*%
*%
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[1), NHYD=["A8"], DT=[2](min), AREA=[0.279](ha),
                    XIMP=[0.5], TIMP=[0.5], DWF=[0](cms), LOSS=[2[,
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                         LGP=[82[(m), MNP=[0.03[, SCP=[0[(hrs),
                    Impervious surfaces: IAimp=[2.0[(mm), SLPI=[2.0[(%),
                                         LGI=[82](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1[circ, IDout=[2[, NHYD=["Pipe16"[, RNUMBER=[16[,
                    PDIAM=[525](mm), PLNGTH=[15](m),
                    PROUGH=[0.013], PSLOPE=[0.02](m/m), IDin=[1],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE POST DEVELOPMENT ROUTED FROM A8
```



```
*% TO THE TOTAL ROUTED POST DEVELOPEMENT FLOW FROM TRA7
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[3[, NHYD=["TRA8"], IDs to add=[2+4[
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[4], NHYD=["A9"[, DT=[2](min), AREA=[0.284[(ha),
                    XIMP=[0.1], TIMP=[0.1[, DWF=[0][cms), LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[4.1](%),
                                         LGP=[100[(m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[4.1](%),
                                         LGI=[35](m), MNI=[0.013[, SCI=[0[(hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1[circ, IDout=[5], NHYD=["Pipe17"[, RNUMBER=[17[,
                    PDIAM=[525](mm), PLNGTH=[29](m),
                    PROUGH=[0.013[, PSLOPE=[0.02[(m/m), IDin=[4],
                    RDT=[10[(min)
*%-----------------|-------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT FLOW FROM
*% A8 TO THE ROUTED POST DEVELOPEMENT FLOW FROM A9
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[6[, NHYD=["TRA9"], IDs to add=[5+3]
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[7[, NHYD=["A10"], DT=[2](min), AREA=[0.591](ha),
                    XIMP=[0.5[, TIMP=[0.5], DWF=[0][cms), LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0[(mm), SLPP=[3.6](%),
                                         LGP=[150[(m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0[(mm), SLPI=[3.6[(%),
                                         LGI=[73](m), MNI=[0.013[, SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1[circ, IDout=[8[, NHYD=["Pipe18"], RNUMBER=[18[,
                    PDIAM=[525[(mm), PLNGTH=[60](m),
                    PROUGH=[0.013[, PSLOPE=[0.02[(m/m), IDin=[7],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT FLOW FROM
*% A9 TO THE ROUTED POST DEVELOPEMENT FLOW FROM A10
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[9[, NHYD=["TRA10"], IDs to add=[8+6]
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[1), NHYD=["A11"], DT=[2](min), AREA=[0.825](ha),
                    XIMP=[0.5], TIMP=[0.5], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[77[,
                    Pervious   surfaces: IAper=[5.0[(mm), SLPP=[3.6[(%),
                                         LGP=[150[(m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[3.6](%),
                                         LGI=[67](m), MNI=[0.013], SCI=[0[(hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[2[, NHYD=["Pipe19"[, RNUMBER=[19[,
                    PDIAM=[525](mm), PLNGTH=[59](m),
                    PROUGH=[0.013], PSLOPE=[0.02](m/m), IDin=[1],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT FLOW FROM
*% A10 TO THE ROUTED POST DEVELOPEMENT FLOW FROM A11
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[3], NHYD=["TRA11"[, IDs to add=[9+2[
*%-----------------|-------------------------------------------------------
CALIB STANDHYD      ID=[4[, NHYD=["A12"], DT=[2[(min), AREA=[0.3[(ha),
                    XIMP=[0.2], TIMP=[0.2], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[5.0](%),
                                         LGP=[150](m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[5.0](%),
```

```
                                LGI=[58](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%------------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[5], NHYD=["Pipe20"], RNUMBER=[20],
                    PDIAM=[525](mm), PLNGTH=[68.5](m),
                    PROUGH=[0.013], PSLOPE=[0.02](m/m), IDin=[4],
                    RDT=[10](min)
*%------------------|-------------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT FLOW FROM
*% A11 TO THE ROUTED POST DEVELOPEMENT FLOW FROM A12
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[6], NHYD=["TRA12"], IDs to add=[5+3]
*%------------------|-------------------------------------------------
CALIB STANDHYD      ID=[7], NHYD=["A13"], DT=[2](min), AREA=[0.31](ha),
                    XIMP=[0.3], TIMP=[0.3], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                         LGP=[68](m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                         LGI=[68](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%------------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[8], NHYD=["Pipe21"], RNUMBER=[21],
                    PDIAM=[525](mm), PLNGTH=[52.5](m),
                    PROUGH=[0.013], PSLOPE=[0.019](m/m), IDin=[7],
                    RDT=[10](min)
*%------------------|-------------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT FLOW FROM
*% A12 TO THE ROUTED POST DEVELOPEMENT FLOW FROM A13
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[9], NHYD=["TRA13"], IDs to add=[8+6]
*%------------------|-------------------------------------------------
CALIB STANDHYD      ID=[1], NHYD=["A14"], DT=[2](min), AREA=[0.224](ha),
                    XIMP=[0.3], TIMP=[0.3], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                         LGP=[50](m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                         LGI=[50](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%------------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[2], NHYD=["Pipe22"], RNUMBER=[22],
                    PDIAM=[600](mm), PLNGTH=[52](m),
                    PROUGH=[0.013], PSLOPE=[0.0125](m/m), IDin=[1],
                    RDT=[10](min)
*%------------------|-------------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT FLOW FROM
*% A13 TO THE ROUTED POST DEVELOPEMENT FLOW FROM A14
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[3], NHYD=["TRA14"], IDs to add=[2+9]
*%------------------|-------------------------------------------------
CALIB STANDHYD      ID=[4], NHYD=["A15"], DT=[2](min), AREA=[0.236](ha),
                    XIMP=[0.3], TIMP=[0.3], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                         LGP=[50](m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                         LGI=[50](m), MNI=[0.013], SCI=]0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%------------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[5], NHYD=["Pipe23"], RNUMBER=[23],
                    PDIAM=[750](mm), PLNGTH=[10](m),
                    PROUGH=[0.013], PSLOPE=[0.005](m/m), IDin=[4],
                    RDT=[10](min)
*%------------------|-------------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT FLOW FROM
*% A14 TO THE ROUTED POST DEVELOPEMENT FLOW FROM A15
```



```
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[6], NHYD=["TRA15"], IDs to add=[5+3]
*%------------------|-------------------------------------------------
*%
*%
*% END OF 8th STREET EAST STORM SEWER
*% START OF AREA SOUTH 8TH STREET EAST
*% CATCHMENT AREA 101
*%
*%------------------|-------------------------------------------------------------|
CALIB STANDHYD      ID=[1], NHYD=["A101"], DT=[2](min), AREA=[3.0](ha),
                    XIMP=[0.6], TIMP=[0.6], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[1.0](%),
                                         LGP=[150](m), MNP=[0.013], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[1.0](%),
                                         LGI=[150](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%------------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[2], NHYD=["Pipe24"], RNUMBER=[24],
                    PDIAM=[900](mm), PLNGTH=[60](m),
                    PROUGH=[0.013], PSLOPE=[0.0075](m/m), IDin=[1],
                    RDT=[10](min)
*%------------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[3], NHYD=["Pipe25"], RNUMBER=[25],
                    PDIAM=[750](mm), PLNGTH=[36](m),
                    PROUGH=[0.013], PSLOPE=[0.004](m/m), IDin=[2],
                    RDT=[10](min)
*%------------------|-------------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT ROUTED FLOW FROM
*% CATCHMENT 101 TO THE TOTAL POST DEVELOPMENT FLOW FROM A15.
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[4], NHYD=["TRA101"], IDs to add=[6+3]
*%------------------|-------------------------------------------------
*%
*%
*% TOTAL COMBINED FLOW FROM SYDNEHAM SCHOOL, 8th STREET EAST (WEST OF 16TH AVE)
*% AND CATCHMENT AREA 101, ROUTED TO 16th AVENUE
*%
*%
*%------------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[5], NHYD=["Pipe26"], RNUMBER=[26],
                    PDIAM=[900](mm), PLNGTH=[51](m),
                    PROUGH=[0.013], PSLOPE=[0.0065](m/m), IDin=[4],
                    RDT=[10](min)
*%------------------|-------------------------------------------------------------|
*%
*%
*% END OF 8th STREET EAST(WEST OF 16th AVE) STORM SEWER
*% START OF 8th STREET EAST(EAST OF 16th AVE) STORM SEWER
*% CATCHMENT AREA 102
*%
*%
*%------------------|-------------------------------------------------------------|
CALIB STANDHYD      ID=[1], NHYD=["A102"], DT=[2](min), AREA=[0.74](ha),
                    XIMP=[0.8], TIMP=[0.8], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[5.0](%),
                                         LGP=[70](m), MNP=[0.013], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[5.0](%),
                                         LGI=[70](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%------------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[2], NHYD=["Pipe27"], RNUMBER=[27],
                    PDIAM=[375](mm), PLNGTH=[42](m),
                    PROUGH=[0.013], PSLOPE=[0.01](m/m), IDin=[1],
                    RDT=[10](min)
```

```
*%-----------------|-------------------------------------------------------------|
*%
*******************************************************************************
*%
*% TOTAL COMBINED FLOW TO THE INTERSECTION OF 8TH STREET EAST AND 16th AVENUE
*%
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[4], NHYD=["8thSTR"], IDs to add=[5+2]
*%-----------------|-------------------------------------------------------------
*%
*******************************************************************************
*%
*%
*% START OF 16th AVENUE STORM SEWER (M-1451)
*%
*%
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[5], NHYD=["Pipe28"], RNUMBER=[28],
                    PDIAM=[750](mm), PLNGTH=[87.5](m),
                    PROUGH=[0.013], PSLOPE=[0.0326](m/m), IDin=[4],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
CALIB STANDHYD      ID=[6], NHYD=["A103"], DT=[2](min), AREA=[2.55](ha),
                    XIMP=[0.6], TIMP=[0.6], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[5.0](%),
                                         LGP=[150](m), MNP=[0.013], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[5.0](%),
                                         LGI=[70](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[7], NHYD=["Pipe29"], RNUMBER=[29],
                    PDIAM=[750](mm), PLNGTH=[65](m),
                    PROUGH=[0.013], PSLOPE=[0.028](m/m), IDin=[6],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
*%
*% CONFLUENCE POINT TO RECEIVE OSCVI AREA B ON 16th AVE E
*%
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[8], NHYD=["OSCVIb"], IDs to add=[5+7]
*%-----------------|-------------------------------------------------------------|
*%
*%
*% START OSCVI AREA B (C-3854-B)
*%
*%
*%-----------------|-------------------------------------------------------------|
CALIB STANDHYD      ID=[9], NHYD=["AREAB"], DT=[2](min), AREA=[6.03](ha),
                    XIMP=[0.6], TIMP=[0.6], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[3.5](%),
                                         LGP=[55](m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[3.0](%),
                                         LGI=[320](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------------|
*%
*%
*% TOTAL COMBINED FLOW DOWNSTREAM AND INCLUDING AREA B ON 16th AVENUE EAST
*%
*%
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[1], NHYD=["OSCVI"], IDs to add=[9+8]
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[2], NHYD=["Pipe30"], RNUMBER=[30],
                    PDIAM=[900](mm), PLNGTH=[150](m),
```



```
                    PROUGH=[0.013], PSLOPE=[0.026](m/m), IDin=[1],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
*%
*%
*% CALCULATE FLOWS FROM HOSPITAL PROPERTY WEST 16th AVE EAST
*% CATCHMENT 998
*%
*%-----------------|-------------------------------------------------------------|
CALIB STANDHYD      ID=[3], NHYD=["HOSP"], DT=[2](min), AREA=[4.59](ha),
                    XIMP=[0.2], TIMP=[0.2], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[1.0](%),
                                         LGP=[130](m), MNP=[0.013], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[1.0](%),
                                         LGI=[300](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[4], NHYD=["Pipe31"], RNUMBER=[31],
                    PDIAM=[375](mm), PLNGTH=[117.5](m),
                    PROUGH=[0.013], PSLOPE=[0.06](m/m), IDin=[3],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[5], NHYD=["Pipe32"], RNUMBER=[32],
                    PDIAM=[600](mm), PLNGTH=[70](m),
                    PROUGH=[0.013], PSLOPE=[0.011](m/m), IDin=[4],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
*%
*%
*% COMBINED FLOWS DOWNSTREAM AND INCLUDING HOSPITAL FLOWS ON 16th AVE E
*%
*%
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[6], NHYD=["TOTHSP"], IDs to add=[2+5]
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[7], NHYD=["Pipe33"], RNUMBER=[33],
                    PDIAM=[900](mm), PLNGTH=[60](m),
                    PROUGH=[0.013], PSLOPE=[0.043](m/m), IDin=[6],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
CALIB STANDHYD      ID=[8], NHYD=["104"], DT=[2](min), AREA=[4.2](ha),
                    XIMP=[0.6], TIMP=[0.6], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                         LGP=[100](m), MNP=[0.013], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                         LGI=[300](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------------|
*%
*%
*% TOTAL COMBINED FLOW FROM 16th STREET EAST, SOUTH OF AND INCLUDING
*% CATCHMENT 104
*%
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[9], NHYD=["TOT104"], IDs to add=[7+8]
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[1], NHYD=["Pipe34"], RNUMBER=[34],
                    PDIAM=[1200](mm), PLNGTH=[59](m),
                    PROUGH=[0.013], PSLOPE=[0.013](m/m), IDin=[9],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
*%
*%
*% START OF 10th STREET EAST STORM SEWER
*%
```

```
*%
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[2], NHYD=["105"], DT=[2](min), AREA=[3.59](ha),
                    XIMP=[0.25], TIMP=[0.25], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[4.0](%),
                                         LGP=[200](m), MNP=[0.013], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[4.0](%),
                                         LGI=[200](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[3], NHYD=["Pipe35"], RNUMBER=[35],
                    PDIAM=[600](mm), PLNGTH=[70](m),
                    PROUGH=[0.013], PSLOPE=[0.0075](m/m), IDin=[2],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[4], NHYD=["Pipe36"], RNUMBER=[36],
                    PDIAM=[600](mm), PLNGTH=[120](m),
                    PROUGH=[0.013], PSLOPE=[0.0105](m/m), IDin=[3],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[5], NHYD=["105.2"], DT=[2](min), AREA=[2.44](ha),
                    XIMP=[0.3], TIMP=[0.3], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[5.0](%),
                                         LGP=[300](m), MNP=[0.013], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[5.0](%),
                                         LGI=[300](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT ROUTED FLOW FROM
*% CATCHMENT 105 TO THE TOTAL POST DEVELOPMENT FLOW FROM CATCHMENT 105.2.
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[6], NHYD=["T105.2"], IDs to add=[4+5]
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=]7], NHYD=["Pipe37"], RNUMBER=[37],
                    PDIAM=[600](mm), PLNGTH=[75](m),
                    PROUGH=[0.013], PSLOPE=[0.028](m/m), IDin=[6],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[8], NHYD=["Pipe38"], RNUMBER=[38],
                    PDIAM=[600](mm), PLNGTH=[69](m),
                    PROUGH=[0.013], PSLOPE=[0.022](m/m), IDin=[7],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
*%
*%
*% START OSCVI AREA A
*%
*%
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[9], NHYD=["AREA A"], DT=[2](min), AREA=[2.34](ha),
                    XIMP=[0.01], TIMP=[0.1], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[8.0](%),
                                         LGP=[190](m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                         LGI=[10](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL ROUTED FLOW FROM 10th STREET E
*% AND FROM CATCHMENT OSCVI AREA A
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[2], NHYD=["OSCVIA"], IDs to add=[9+8]
*%-----------------|-------------------------------------------------------|
*%
*%
```



```
*% COMBINED FLOWS FROM 10th STREET E AND OSCVI AREA A, ROUTE TO 16TH AVE ON
*% 10th STREET E
*%
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[3], NHYD=["Pipe39"], RNUMBER=[39],
                    PDIAM=[600](mm), PLNGTH=[50](m),
                    PROUGH=[0.013], PSLOPE=[0.03](m/m), IDin=[2],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[4], NHYD=["Pipe40"], RNUMBER=[40],
                    PDIAM=[750](mm), PLNGTH=[30](m),
                    PROUGH=[0.013], PSLOPE=[0.01](m/m), IDin=[3],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
*******************************************************************************
*%
*%
*% THE FOLLOWING ADD HYD COMBINES THE FLOWS AT THE 16th AVE E AND 10th STREET E
*% INTERSECTION
*%
*%
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[5], NHYD=["16&10"], IDs to add=[1+4]
*%-----------------|-------------------------------------------------------|
*%
*%
*******************************************************************************
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[6], NHYD=["Pipe41"], RNUMBER=[41],
                    PDIAM=[1500](mm), PLNGTH=[80](m),
                    PROUGH=[0.013], PSLOPE=[0.006](m/m), IDin=[5],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
*%
*%
*% COMBINE FLOWS ON 10th STREET EAST AT OUTLET TO CHANNEL
*% START HOSPITAL PROPERTY, NORTH CATCHMENT
*%
*%
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[7], NHYD=["999"], DT=[2](min), AREA=[4.2](ha),
                    XIMP=[0.2], TIMP=[0.2], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[3.0](%),
                                         LGP=[350](m), MNP=[0.1], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[3.0](%),
                                         LGI=[60](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[8], NHYD=["Pipe42"], RNUMBER=[42],
                    PDIAM=[450](mm), PLNGTH=[100](m),
                    PROUGH=[0.013], PSLOPE=[0.03](m/m), IDin=[7],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[9], NHYD=["TRA999"], IDs to add=[8+6]
*%-----------------|-------------------------------------------------------|
*%
*%
*% COMBINE FLOWS ON 10th STREET EAST AT OUTLET TO POND CHANNEL, ADD FLOW FROM
*% POND CATCHMENT AND ROUTE FLOWS ALONG POND INLET CHANNEL TO SWM POND
*%
*%
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[1], NHYD=["106"], DT=[2](min), AREA=[1.95](ha),
                    XIMP=[0.2], TIMP=[0.2], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[1.0](%),
```

```
                                LGP=[50](m), MNP=[0.1], SCP=[0](hrs),
                  Impervious surfaces: IAimp=[2.0](mm), SLPI=[1.0](%),
                                LGI=[50](m), MNI=[0.013], SCI=[0](hrs),
                  RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%----------------|-------------------------------------------------------|
ADD HYD           IDsum=[2], NHYD=["TRA106"], IDs to add=[9+1]
*%----------------|-------------------------------------------------------|
ROUTE CHANNEL     IDout=[3], NHYD=["CHAN-1"], IDin=[2],
                  RDT=[2](min),
                  CHLGTH=[150](m),  CHSLOPE=[2.0](%),
                                      FPSLOPE=[2.0](%),
                  SECNUM=[1],       NSEG=[3]
                  ( SEGROUGH, SEGDIST (m))=[0.035,3 -0.035,5 0.035,8] NSEG times
                  ( DISTANCE (m), ELEVATION (m))=[0, 100]
                                                [3,  99]
                                                [5,  99]
                                                [8, 100]
*%----------------|-------------------------------------------------------|
ROUTE RESERVOIR   IDout=[4],   NHYD=["POND1"],  IDin=[3],
                  RDT=[2](min),
                        TABLE of ( OUTFLOW-STORAGE ) values
                                  (cms) - (ha-m)
                                [   0.0 ,  0.0000 ]
                                [  0.180,  0.2829 ]
                                [  0.239,  0.4929 ]
                                [  0.285,  0.7210 ]
                                [  0.325,  0.9684 ]
                                [  0.646,  1.0996 ]
                                [  1.216,  1.2362 ]
                                [  1.787,  1.2828 ]
                                [  2.832,  1.3300 ]
                                [  4.186,  1.3779 ]
                                [  5.250,  1.4118 ]
                                [  5.322,  1.5252 ]
                                [  7.458,  1.6781 ]
                                [   -1  ,     -1  ]  (max twenty pts)
                        IDovf=[   ], NHYDovf=[   ]
*%----------------|-------------------------------------------------------|
*%
*%
* START FLOWS ON 16TH AVENUE EAST, NORTH OF 10TH STREET EAST
*%
*%
*%----------------|-------------------------------------------------------|
CALIB STANDHYD    ID=[5], NHYD=["107.1"], DT=[2](min), AREA=[0.96](ha),
                  XIMP=[0.4], TIMP=[0.4], DWF=[0](cms), LOSS=[2],
                  SCS curve number CN=[83],
                  Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                LGP=[60](m), MNP=[0.1], SCP=[0](hrs),
                  Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                LGI=[60](m), MNI=[0.013], SCI=[0](hrs),
                  RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%----------------|-------------------------------------------------------|
ROUTE PIPE        PTYPE=[1]circ, IDout=[6], NHYD=["Pipe43"], RNUMBER=[43],
                  PDIAM=[300](mm), PLNGTH=[43](m),
                  PROUGH=[0.013], PSLOPE=[0.024](m/m), IDin=[5],
                  RDT=[10](min)
*%----------------|-------------------------------------------------------|
CALIB STANDHYD    ID=[7], NHYD=["107.2"], DT=[2](min), AREA=[0.3](ha),
                  XIMP=[0.4], TIMP=[0.4], DWF=[0](cms), LOSS=[2],
                  SCS curve number CN=[83],
                  Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                LGP=[60](m), MNP=[0.1], SCP=[0](hrs),
                  Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                LGI=[60](m), MNI=[0.013], SCI=[0](hrs),
                  RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%----------------|-------------------------------------------------------|
```



```
ADD HYD           IDsum=[8], NHYD=["T107.2"], IDs to add=[7+6]
*%----------------|-------------------------------------------------------|
ROUTE PIPE        PTYPE=[1]circ, IDout=[9], NHYD=["Pipe44"], RNUMBER=[44],
                  PDIAM=[375](mm), PLNGTH=[65](m),
                  PROUGH=[0.013], PSLOPE=[0.022](m/m), IDin=[8],
                  RDT=[10](min)
*%----------------|-------------------------------------------------------|
CALIB STANDHYD    ID=[1], NHYD=["107.3"], DT=[2](min), AREA=[0.3](ha),
                  XIMP=[0.4], TIMP=[0.4], DWF=[0](cms), LOSS=[2],
                  SCS curve number CN=[83],
                  Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                LGP=[60](m), MNP=[0.1], SCP=[0](hrs),
                  Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                LGI=[60](m), MNI=[0.013], SCI=[0](hrs),
                  RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%----------------|-------------------------------------------------------|
ADD HYD           IDsum=[2], NHYD=["T107.3"], IDs to add=[1+9]
*%----------------|-------------------------------------------------------|
ROUTE PIPE        PTYPE=[1]circ, IDout=[3], NHYD=["Pipe45"], RNUMBER=[45],
                  PDIAM=[450](mm), PLNGTH=[55](m),
                  PROUGH=[0.013], PSLOPE=[0.019](m/m), IDin=[2],
                  RDT=[10](min)
*%----------------|-------------------------------------------------------|
*%
*%
* TOTAL COMBINED FLOW FROM POND DISCHARGE AND FLOWS FROM 16TH AVE E, NORTH OF
* 10TH STREET EAST
*%
*%
*%----------------|-------------------------------------------------------|
ADD HYD           IDsum=[5], NHYD=["16+10"], IDs to add=[3+4]
*%----------------|-------------------------------------------------------|
ROUTE PIPE        PTYPE=[1]circ, IDout=[6], NHYD=["Pipe46"], RNUMBER=[46],
                  PDIAM=[1200](mm), PLNGTH=[94](m),
                  PROUGH=[0.013], PSLOPE=[0.006](m/m), IDin=[5],
                  RDT=[10](min)
*%----------------|-------------------------------------------------------|
*%
*%
* START FLOWS FROM DIVERTED AREA EAST OF 16 TH AVE EAST
*%
*%
*%----------------|-------------------------------------------------------|
CALIB STANDHYD    ID=[7], NHYD=["900"], DT=[2](min), AREA=[7.25](ha),
                  XIMP=[0.6], TIMP=[0.6], DWF=[0](cms), LOSS=[2],
                  SCS curve number CN=[83],
                  Pervious   surfaces: IAper=[5.0](mm), SLPP=[5.0](%),
                                LGP=[100](m), MNP=[0.1], SCP=[0](hrs),
                  Impervious surfaces: IAimp=[2.0](mm), SLPI=[5.0](%),
                                LGI=[100](m), MNI=[0.013], SCI=[0](hrs),
                  RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%----------------|-------------------------------------------------------|
ROUTE RESERVOIR   IDout=[8],   NHYD=["POND2"],  IDin=[7],
                  RDT=[2](min),
                        TABLE of ( OUTFLOW-STORAGE ) values
                                  (cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
                                [ 0.233 ,  0.0111 ]
                                [ 0.330 ,  0.0243 ]
                                [ 0.404 ,  0.0397 ]
                                [ 0.467 ,  0.0575 ]
                                [ 0.522 ,  0.0778 ]
                                [ 0.572 ,  0.1008 ]
                                [ 0.617 ,  0.1266 ]
                                [ 0.660 ,  0.1554 ]
                                [ 0.700 ,  0.1874 ]
                                [ 0.738 ,  0.2227 ]
```

```
                              [    -1 ,      -1 ]  (max twenty pts)
                    IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[9], NHYD=["Pipe47"], RNUMBER=[47],
                    PDIAM=[750](mm), PLNGTH=[250](m),
                    PROUGH=[0.013], PSLOPE=[0.004](m/m), IDin=[8],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
* TOTAL ROUTED FLOW THROUGH PIPE 46 + TOTAL ROUTED FLOW THROUGH POND 2
* TOTAL COMBINED FLOW FROM 16TH AVENUE EAST NORTH OF 10th STREET EAST
ADD HYD             IDsum=[1], NHYD=["TRP2"], IDs to add=[9+6]
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[2], NHYD=["108"], DT=[2](min), AREA=[1.10](ha),
                    XIMP=[0.4], TIMP=[0.4], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                         LGP=[60](m), MNP=[0.1], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                         LGI=[60](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[3], NHYD=["T108"], IDs to add=[1+2]
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[4], NHYD=["Pipe48"], RNUMBER=[48],
                    PDIAM=[1200](mm), PLNGTH=[60](m),
                    PROUGH=[0.013], PSLOPE=[0.0058](m/m), IDin=[3],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[5], NHYD=["Pipe49"], RNUMBER=[49],
                    PDIAM=[1200](mm), PLNGTH=[59](m),
                    PROUGH=[0.013], PSLOPE=[0.0063](m/m), IDin=[4],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
*%
*%
* START FLOWS FROM ANDPET SUBDIVISION, 16TH AVENUE EAST
*%
*%
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[6], NHYD=["ANDPET"], DT=[2](min), AREA=[7.70](ha),
                    XIMP=[0.5], TIMP=[0.5], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[65],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                         LGP=[100](m), MNP=[0.3], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                         LGI=[100](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
ROUTE RESERVOIR     IDout=[7],   NHYD=["ANDPND"],  IDin=[6],
                    RDT=[2](min),
                          TABLE of ( OUTFLOW-STORAGE ) values
                                     (cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
                                [ 0.250 ,  0.0160 ]
                                [ 0.500 ,  0.0670 ]
                                [ 0.750 ,  0.1360 ]
                                [ 1.000 ,  0.2340 ]
                                [ 1.250 ,  0.3570 ]
                                [ 1.500 ,  0.5100 ]
                                [ 1.750 ,  0.6970 ]
                                [ 2.000 ,  0.9410 ]
                                [   -1  ,    -1   ]  (max twenty pts)
                          IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[8], NHYD=["Pipe50"[, RNUMBER=[50],
                    PDIAM=[750](mm), PLNGTH=[59](m),
                    PROUGH=[0.013], PSLOPE=[0.002](m/m), IDin=[7],
```



```
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
*%
*%
* TOTAL FLOW TO AND INCLUDING THE ANPET SUBDIVISION ON 16TH AVE
*%
*%
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[9], NHYD=["TOTAND"], IDs to add=[5+8]
*%-----------------|-------------------------------------------------------|
*************************************************************************
* OWEN SOUND RETIREMENT RESIDENCE, 1389 16TH AVE EAST
*% ASSUME THE SAME CN VALUE AS THE ANDPET SUBDIVISION
CALIB STANDHYD      ID=[1], NHYD=["RETRES"], DT=[2](min), AREA=[0.9](ha),
                    XIMP=[0.63], TIMP=[0.63], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[65],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[1.0](%),
                                         LGP=[20](m), MNP=[0.3], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[0.5](%),
                                         LGI=[65](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
* OWEN SOUND RETIREMENT RESIDENCE, 1389 16TH AVE EAST
* PARKING LOT STORAGE, 5YR ATTENUATED IN PARKING AREA VIA CATCHBASIN ORFICE
* PLATES WITH MAJOR SYSTEM FLOW(GREATER THAN 5YR) DISCHARGING TO 16TH AVE
ROUTE RESERVOIR     IDout=[2],   NHYD=["POND3"],  IDin=[1],
                    RDT=[2](min),
                          TABLE of ( OUTFLOW-STORAGE ) values
                                     (cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
                                [ 0.043 ,  0.0089 ]
                                [ 0.290 ,  0.0097 ]
                                [ 0.4   ,  0.0100 ]
                                [   -1  ,    -1   ]  (max twenty pts)
                          IDovf=[], NHYDovf=["RETOVR"]
*%-----------------|-------------------------------------------------------|
*%
* TOTAL FLOW TO THE INTERSECTION OF 16TH AVE AND 16TH STREET EAST
* GAMBSY AND MANNEROW MIDUSS MODEL, DOES NOT INCLUDE THE CANADIAN TIRE,
* WALMART, HOME DEPOT AND DEVELOPMENTS NORTH OF 16TH STREET EAST
*%
*%
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[5], NHYD=["TOT16"], IDs to add=[9+2]
*%-----------------|-------------------------------------------------------|
*************************************************************************
*%
*%
* START BURNSIDE SWMHYMO MODEL
*%
*%
* WALMART AND HOME DEPOT DEVELOPMENT 16TH STREET EAST
CALIB STANDHYD      ID=[6], NHYD=["WLMRT"], DT=[2.0](min), AREA=[20.72],
                    XIMP=[0.65], TIMP=[0.65], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[4.2](%),
                                         LGP=[130], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.1](%),
                                         LGI=[371], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------|
* WALMART EXTERNAL CATCHMENT
CALIB NASHYD        ID=[7], NHYD=["WEXT"], DT=[2.0]min, AREA=[1.58],
                    DWF=[0.0],  CN/C=[78], IA=[5.2],
                    N=[3], TP=[0.11]hrs,
                    RAINFALL=[ ,  ,  ,  , ],  END=-1
*%-----------------|-------------------------------------------------------|
```

```
* TOTAL FLOW FROM THE WALMART DEVELOPMENT
ADD HYD             IDsum=[8], NHYD=["TWLMRT"], IDs to add=[6+7]
*%-----------------|-------------------------------------------------------------|
* WALMART POND
ROUTE RESERVOIR     IDout=[9],   NHYD=["WMRTPD"],  IDin=[8],
                    RDT=[2](min),
                          TABLE of ( OUTFLOW-STORAGE ) values
                                   (cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
                                [ 1.900 ,  0.8293 ]
                                [    10 ,  0.8500 ]
                                [    -1 ,    -1   ]  (max twenty pts)
                          IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------------|
* ROUTE FLOW FROM THE WALMART AND HOME DEPOT DEVELOPMENT TO FLOW NODE 1
ROUTE PIPE          PTYPE=[1]circ, IDout=[1], NHYD=["16thSTR"], RNUMBER=[51],
                    PDIAM=[1050](mm), PLNGTH=[180](m),
                    PROUGH=[0.013], PSLOPE=[0.0058](m/m), IDin=[9],
                    RDT=[2](min)
*%-----------------|-------------------------------------------------------------|
* CANADIAN TIRE DEVELOPMENT ( 16TH STREET EAST AND 16TH AVE EAST)
CALIB STANDHYD      ID=[2], NHYD=["CDNT"], DT=[2.0](min), AREA=[3.62],
                    XIMP=[0.95], TIMP=[0.95], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[3.0](%),
                                         LGP=[33], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.3](%),
                                         LGI=[273], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
*%
*%
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[4], NHYD=["TN1"], IDs to add=[5+1]
*%-----------------|-------------------------------------------------------------|
*****************************************************************************
* TOTAL FLOW TO FLOW NODE 1 INCLUDING (WLMRT, CDNT, Gambsby and Mannero)
ADD HYD             IDsum=[3], NHYD=["TND1"], IDs to add=[2+4]
*%-----------------|-------------------------------------------------------------|
*****************************************************************************
*%
*%
*%-----------------|-------------------------------------------------------------|
* ROUTE FLOW FROM FLOW NODE 1 TO FLOW NODE 2
ROUTE PIPE          PTYPE=[2]rect,  IDout=[4], NHYD=["ND1ND2"], RNUMBER=[52],
                    PWIDTH=[1930](mm), PHEIGHT=[1220](mm),  PLNGTH=[150](m),
                    PROUGH=[0.013],  PSLOPE=[0.0073](m/m), IDin=[3],
                    RDT=[2](min)
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 2a- COMMERCIAL LAND USE
CALIB STANDHYD      ID=[5], NHYD=["CA2COM"], DT=[2.0](min), AREA=[4.44],
                    XIMP=[0.90], TIMP=[0.90], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[6.7](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[3.4](%),
                                         LGI=[149], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
* SHIFT CATCHMENT 2a TO FLOW NODE 2
SHIFT HYD           IDout=[6], NHYD=["SH2a"], IDin=[5], TLAG=[5.67](min)
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 3a
CALIB STANDHYD      ID=[7], NHYD=["CA3a"], DT=[2.0](min), AREA=[5.11],
                    XIMP=[0.55], TIMP=[0.66], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[7.1](%),
```



```
                                         LGP=[28], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.4](%),
                                         LGI=[248], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
* SHIFT FLOW FROM CATCHMENT #3a TO FLOW NODE 2
SHIFT HYD           IDout=[8], NHYD=["SH3a"], IDin=[7], TLAG=[2.47](min)
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 3b
CALIB STANDHYD      ID=[9], NHYD=["CA3b"], DT=[2.0](min), AREA=[2.82],
                    XIMP=[0.81], TIMP=[0.81], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[5.0](%),
                                         LGP=[40], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.8](%),
                                         LGI=[118], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
* ANDPET COMMMERCIAL DEVELOPMENT
CALIB STANDHYD      ID=[1], NHYD=["ANDCOM"], DT=[2.0](min), AREA=[1.10],
                    XIMP=[0.95], TIMP=[0.95], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.0](%),
                                         LGP=[10], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[2.0](%),
                                         LGI=[115], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
* ANDPET COMMMERCIAL DEVELOPMENT PARKING LOT STORAGE
ROUTE RESERVOIR     IDout=[2],   NHYD=["ACPND"],  IDin=[1],
                    RDT=[2](min),
                          TABLE of ( OUTFLOW-STORAGE ) values
                                   (cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
                                [ 0.228 ,  0.0137 ]
                                [ 0.357 ,  0.0200 ]
                                [   -1  ,    -1   ]  (max twenty pts)
                          IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------------|
*%
*%
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW FROM FLOW NODE #1 AND SHIFTED 2a
ADD HYD             IDsum=[3], NHYD=["T2a"], IDs to add=[4+6]
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW FROM FLOW NODE #1, SHIFTED 2a AND SHIFTED 3a
ADD HYD             IDsum=[4], NHYD=["T2b"], IDs to add=[3+8]
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW FROM FLOW NODE #1 AND SHIFTED 2a, SHIFTED 3b AND ANDPET COMMERCIAL
ADD HYD             IDsum=[5], NHYD=["T2c"], IDs to add=[4+2]
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW TO FLOW NODE 2 INCLUDING
* CATCHMENTS(2A, 3A, 3B, ANDCOM & FLOW NODE 1)
ADD HYD             IDsum=[3], NHYD=["TND2"], IDs to add=[5+9]
*%-----------------|-------------------------------------------------------------|
*%
*%
*%-----------------|-------------------------------------------------------------|
* SPLIT TOTAL FLOW TO FLOW NODE 2 BETWEEN EXISTING 1200 STM AND NEW PROPOSED
* CHANNEL, ASSUME EXSITING 1200 STM IS AT CAPACITY. REMAINING FLOW WILL BE
* DIVERTED TO EAST CHANNEL
COMPUTE DUALHYD     IDin=[3], CINLET=[3.02](cms), NINLET=[1],
                    MAJID=[4], MajNHYD=["CHAN"],
                    MINID=[5], MinNHYD=["PIPE"],
                    TMJSTO=[0](cu-m)
*%-----------------|-------------------------------------------------------------|
```

```
* ROUTE FLOW FROM FLOW NODE 2 TO FLOW NODE 4
* ROUTED LENGTH FROM FLOW NODE 2-3 = 240m
* ROUTED LENGTH FROM FLOW NODE 3-4 = 400m
* TOTAL ROUTED LENGTH = 640m
ROUTE PIPE          PTYPE=[1]circ, IDout=[6], NHYD=["N3N4P"], RNUMBER=[53],
                    PDIAM=[1200](mm), PLNGTH=[640](m),
                    PROUGH=[0.013], PSLOPE=[0.006](m/m), IDin=[5],
                    RDT=[2](min)
*%-----------------|-------------------------------------------------------------|
*******************************************************************************
* ROUTE FLOW FROM FLOW NODE 2 TO FLOW NODE 3 THROUGH THE PROPOSED EAST CHANNEL
* BASED ON FLOW FROM FLOW SPLITTER
ROUTE CHANNEL       IDout=[7], NHYD=["N2N3C"], IDin=[4],
                    RDT=[2](min),
                    CHLGTH=[240](m),  CHSLOPE=[0.65](%),
                                        FPSLOPE=[0.65](%),
                    SECNUM=[1],       NSEG=[3]
                    [ SEGROUGH, SEGDIST (m)]=[0.035,5.5 -0.035,8.5 0.035,14] NSEG
times
                    ( DISTANCE (m), ELEVATION (m))=[ 0   ,  100     ]
                                                   [ 5.5 ,98.17     ]
                                                   [ 8.5 ,98.17     ]
                                                   [  14 ,  100     ]
*%-----------------|-------------------------------------------------------------|
*******************************************************************************
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 1- COMMERCIAL LAND USE
CALIB STANDHYD      ID=[4], NHYD=["CA1COM"], DT=[2.0](min), AREA=[5.30],
                    XIMP=[0.90], TIMP=[0.90], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[2.1](%),
                                         LGP=[30[, MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[4.1](%),
                                         LGI=[146], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
*CATCHMENT 1- INDUSTRIAL LAND USE
CALIB STANDHYD      ID=[5], NHYD=["CA1IND"], DT=[2.0](min), AREA=[10.99],
                    XIMP=[0.75], TIMP=[0.75], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[3.3](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[2.1](%),
                                         LGI=[234], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[8], NHYD=["TOT1"], IDs to add=[4+5]
*%-----------------|-------------------------------------------------------------|
*SHIFT FLOW FROM CATCHMENT 1 TO FLOW NODE 3
SHIFT HYD           IDout=[9], NHYD=["SH1"], IDin=[8], TLAG=[34.4](min)
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW FROM FLOW NODE 2 AND CATCHMENT 1
ADD HYD             IDsum=[2], NHYD=["T3a"], IDs to add=[7+9]
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 2b- INDUSTRIAL LAND USE
CALIB STANDHYD      ID=[8], NHYD=["CA2IND"], DT=[2.0](min), AREA=[5.15],
                    XIMP=[0.75], TIMP=[0.75], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[3.3](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[2.2](%),
                                         LGI=[227], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
* SHIFT FLOW FROM CATCHMENT 2b TO FLOW NODE 3
SHIFT HYD           IDout=[3], NHYD=["SH2b"], IDin=[8], TLAG=[37.7](min)
*%-----------------|-------------------------------------------------------------|
```



```
* CATCHMENT 4b
CALIB STANDHYD      ID=[4], NHYD=["CA4b"], DT=[2.0](min), AREA=[14.53],
                    XIMP=[0.25], TIMP=[0.44], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[2.1](%),
                                         LGP=[73], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.3](%),
                                         LGI=[466], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW FROM FLOW NODE 2, CATCHMENT 1 AND ROUTED 2b
ADD HYD             IDsum=[1], NHYD=["T3a"], IDs to add=[2+3]
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW TO FLOW NODE 3 INCLUDING CATCHMENTS (1, 2b, 4b & Flow Node 2)
* TOTAL FLOW TO FLOW NODE 3 ASSUMED TO BE ENTERING PROPOSED CHANNEL
ADD HYD             IDsum=[3], NHYD=["T3b"], IDs to add=[1+4]
*%-----------------|-------------------------------------------------------------|
* CATCHMENT MALL
* HERITAGE PLACE SHOPPING MALL
CALIB STANDHYD      ID=[1], NHYD=["MALL"], DT=[2.0](min), AREA=[13.24],
                    XIMP=[0.63], TIMP=[0.89], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.3](%),
                                         LGP=[120], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.2](%),
                                         LGI=[293], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
* MAJOR SYSTEM FLOW FROM THE HERITAGE SHOPPING MALL TO SPILL OVER 16TH AVE EAST
* TO EXISTING CHANNEL
* MINOR SYSTEM ENTERS EXISTING 750 STM SEWER
COMPUTE DUALHYD     IDin=[1], CINLET=[0.787](cms), NINLET=[1],
                    MAJID=[2], MajNHYD=["CHAN"],
                    MINID=[4], MinNHYD=["PIPE"],
                    TMJSTO=[0](cu-m)
*%-----------------|-------------------------------------------------------------|
*%
*******************************************************************************
* TOTAL FLOW TO FLOW NODE 3 INCLUDING CATCHMENTS (1, 2b, 4b & Flow Node 2)
* TOTAL FLOW TO FLOW NODE 3 ASSUMED TO BE ENTERING PROPOSED CHANNEL
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[5], NHYD=["TND3"], IDs to add=[3+2]
*%-----------------|-------------------------------------------------------------|
*******************************************************************************
*%
*%
*%-----------------|-------------------------------------------------------------|
*******************************************************************************
* ROUTE FLOW FROM FLOW NODE 3 TO FLOW NODE 4 THROUGH THE PROPOSED EAST CHANNEL
ROUTE CHANNEL       IDout=[7], NHYD=["ND3ND4"], IDin=[5],
                    RDT=[2](min),
                    CHLGTH=[390](m),  CHSLOPE=[0.65](%),
                                        FPSLOPE=[0.65](%),
                    SECNUM=[1],       NSEG=[3]
                    ( SEGROUGH, SEGDIST (m))=[0.035,5.5 -0.035,8.5 0.035,14] NSEG
times
                    ( DISTANCE (m), ELEVATION (m))=[   0 ,   100 ]
                                                   [ 5.5 , 98.17 ]
                                                   [ 8.5 , 98.17 ]
                                                   [  14 ,   100 ]
*%-----------------|-------------------------------------------------------------|
*******************************************************************************
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 5
CALIB STANDHYD      ID=[8], NHYD=["CA5"], DT=[2.0](min), AREA=[15.85],
                    XIMP=[0.32], TIMP=[0.47], DWF=[0.0], LOSS=[2],
```

```
                    SCS curve number CN=[69],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.5](%),
                                         LGP=[103], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.4](%),
                                         LGI=[289], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%------------------|-------------------------------------------------------------|
*SHIFT FLOW FROM CATCHMENT 5 TO FLOW NODE 4 THROUGH 1050 STM
SHIFT HYD           IDout=[9], NHYD=["SH5"], IDin=[8], TLAG=[5.94](min)
*%------------------|-------------------------------------------------------------|
* CATCHMENT 6b
CALIB STANDHYD      ID=[1], NHYD=["CA6b"], DT=[2.0](min), AREA=[32.10],
                    XIMP=[0.20], TIMP=[0.40], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[0.7](%),
                                         LGP=[135], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.7](%),
                                         LGI=[539], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%------------------|-------------------------------------------------------------|
* ADD FLOW FROM CATCHMENTS 5 AND 6 AND SHIFTED FLOW FROM NODE 3
ADD HYD             IDsum=[2], NHYD=["T56ND3"], IDs to add=[1+9]
*%------------------|-------------------------------------------------------------|
* CATCHMENT 7
CALIB STANDHYD      ID=[3], NHYD=["CA7"], DT=[2.0](min), AREA=[2.90],
                    XIMP=[0.33], TIMP=[0.38], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[63],
                    Pervious   surfaces: IAper=[6.5], SLPP=[0.6](%),
                                         LGP=[82], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.4](%),
                                         LGI=[130], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%------------------|-------------------------------------------------------------|
* SHIFT FLOW FROM CATCHMENT 7 TO FLOW NODE 4 THROUGH 1050 STM
SHIFT HYD           IDout=[1], NHYD=["SH7"], IDin=[3], TLAG=[6.61](min)
*%------------------|-------------------------------------------------------------|
* CATCHMENT 8
CALIB STANDHYD      ID=[5], NHYD=["CA8"], DT=[2.0](min), AREA=[8.01],
                    XIMP=[0.73], TIMP=[0.84], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                         LGP=[60], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.1](%),
                                         LGI=[95], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%------------------|-------------------------------------------------------------|
*SHIFT FLOW FROM CATCHMENT #8 TO FLOW NODE 4
SHIFT HYD           IDout=[8], NHYD=["SH8"], IDin=[5], TLAG=[21.3](min)
*%------------------|-------------------------------------------------------------|
* CATCHMENT 11
CALIB STANDHYD      ID=[9], NHYD=["CA11"], DT=[2.0](min), AREA=[4.18],
                    XIMP=[0.28], TIMP=[0.36], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[3.0](%),
                                         LGP=[82], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.7](%),
                                         LGI=[270], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%------------------|-------------------------------------------------------------|
* TOTAL FLOW SHIFTED CATHMENT 7 AND 8
ADD HYD             IDsum=[5], NHYD=["T7811a"], IDs to add=[1+8]
*%------------------|-------------------------------------------------------------|
* TOTAL FLOW SHIFTED CATHMENT 7,8 AND CATCHMENT 11
ADD HYD             IDsum=[3], NHYD=["T7811b"], IDs to add=[5+9]
*%------------------|-------------------------------------------------------------|
*ADD SHIFTED FLOW FROM CATCHMENTS (7, 8, 11,5,6b)
ADD HYD             IDsum=[5], NHYD=["T7811"], IDs to add=[3+2]
```



```
*%------------------|-------------------------------------------------------------|
*ADD TOTAL FLOW FROM CATCHMENTS 5,6b,7,8,11 AND FLOW NODE 3
ADD HYD             IDsum=[2], NHYD=["T56781"], IDs to add=[7+5]
*%------------------|-------------------------------------------------------------|
* CATCHMENT 3c
CALIB STANDHYD      ID=[3], NHYD=["CA3c"], DT=[2.0](min), AREA=[1.14],
                    XIMP=[0.45], TIMP=[0.50], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[2.0](%),
                                         LGP=[50], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[2.5](%),
                                         LGI=[80], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%------------------|-------------------------------------------------------------|
* ROUTE FLOW FROM CATCHMENT 3c TO START OF EXISTING 1930 X 1220 BOX CULVERT
ROUTE PIPE          PTYPE=[1]circ, IDout=[5], NHYD=["3cPIPE"], RNUMBER=[54],
                    PDIAM=[600](mm), PLNGTH=[240](m),
                    PROUGH=[0.013], PSLOPE=[0.002](m/m), IDin=[3],
                    RDT=[2](min)
*%------------------|-------------------------------------------------------------|
* CATCHMENT 4a
CALIB STANDHYD      ID=[3], NHYD=["CA4a"], DT=[2.0](min), AREA=[1.86],
                    XIMP=[0.75], TIMP=[0.80], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[2.1](%),
                                         LGP=[24], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.7](%),
                                         LGI=[69], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%------------------|-------------------------------------------------------------|
*%------------------|-------------------------------------------------------------|
* TOTAL FLOW FROM THE MALL MINOR SYSTEM AND CATCHMENT 4a
ADD HYD             IDsum=[8], NHYD=["TMLL4a"], IDs to add=[4+3]
*%------------------|-------------------------------------------------------------|
* ADD ROUTED FLOW FROM CATCHMENT 3c TO FLOW FROM THE HERITAGE SHOPPING MALL
* AND CATCHMENT 4A
ADD HYD             IDsum=[7], NHYD=["TMLL3c"], IDs to add=[8+5]
*%------------------|-------------------------------------------------------------|
* ROUTE TOTAL FLOW FROM THE HERITAGE SHOPPING MALL AND CATCHMENT 3c TO
* FLOW NODE 4
ROUTE PIPE          PTYPE=[2]rect,  IDout=[9], NHYD=["ML3CN4"], RNUMBER=[55],
                    PWIDTH=[1930](mm), PHEIGHT=[1220](mm),  PLNGTH=[405](m),
                    PROUGH=[0.013],  PSLOPE=[0.006](m/m), IDin=[7],
                    RDT=[2](min)
*%------------------|-------------------------------------------------------------|
* CATCHMENT 6a- INDUSTRIAL LAND USE
CALIB STANDHYD      ID=[8], NHYD=["CA6IND"], DT=[2.0](min), AREA=(3.04],
                    XIMP=[0.75], TIMP=[0.75], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.6](%),
                                         LGI=[87], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%------------------|-------------------------------------------------------------|
* TOTAL FLOW FLOW FROM MALL, 3c AND 6a
ADD HYD             IDsum=[1], NHYD=["ML436a"], IDs to add=[8+9]
*%------------------|-------------------------------------------------------------|
* TOTAL FLOW FLOW FROM MALL, 3c, 6a, 5, 6b, 7, 8, 11, FLOW NODE 3
ADD HYD             IDsum=[3], NHYD=["ML436b"], IDs to add=[2+1]
*%------------------|-------------------------------------------------------------|
*%
*%
*******************************************************************************
* TOTAL FLOW TO FLOW NODE 4 INCLUDING CATCHMENTS ("TND4" AND FLOW FROM
* THE HERITAGE SHOPPING MALL,CATCHMENT 3c AND ROUTED FLOW THROUGH THE EXSITING
* 1200 STM FROM FLODE NODE 3)
```

```
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[4], NHYD=["TND4"], IDs to add=[6+3]
*%-----------------|-------------------------------------------------------|
*%
*************************************************************************
* ROUTE FLOW FROM FLOW NODE 4 TO FLOW NODE 5
ROUTE CHANNEL       IDout=[2], NHYD=["ND4ND5"], IDin=[4],
                    RDT=[2](min),
                    CHLGTH=[697](m),  CHSLOPE=[0.65](%),
                                      FPSLOPE=[0.65](%),
                    SECNUM=[1],       NSEG=[3]
                    ( SEGROUGH, SEGDIST (m))=[0.035,8.37 -0.035,9.37 0.035,16.49]
                    ( DISTANCE (m), ELEVATION (m))=[ 0.00  ,  100.00 ]
                                                   [ 4.62  ,  98.77  ]
                                                   [ 8.37  ,  96.77  ]
                                                   [ 9.37  ,  96.77  ]
                                                   [ 4.62  ,  98.77  ]
                                                   [ 11.87 ,  98.48  ]
                                                   [ 16.49  , 100.00 ]

*%-----------------|-------------------------------------------------------|
* MILLER WASTE SYSTEMS CATCHMENT, EAST CATCHMENT
*% THE REPORT PREPARED BY W.G MILLS AND ASSOCIATES REPORT FOR THE MILLER WASTE
*% SYSTEMS SITE INDICATES A RUNOFF COEFFICIENT OF 0.54 FOR THE POST DEVELOPMENT
*% DRAINAGE CONDITION AND ALSO A DRAINAGE AREA OF 0.83ha. THIS MODEL REPRESENTS
*% A REVISED CATCHMENT AREA OF 1.26ha WHICH INCLUDES ADDITIONAL AREA TO THE EAST
*% BOUNDED BY THE FORMER CP RAIL EASEMENT AND ALSO REPRESENTS A HIGHER
*% IMPERVIOUS VALUE ASSUMING THAT ALL GRAVEL AREAS WILL BE PAVED IN THE FUTURE
*%
CALIB STANDHYD      ID=[3], NHYD=["MLLRE"], DT=[2.0](min), AREA=[1.26],
                    XIMP=[0.6], TIMP=[0.74], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.9](%),
                                         LGP=[26], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.7](%),
                                         LGI=[73], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------|
* MILLER WASTE SYSTEM STORAGE CHANNEL, EAST CATCHMENT
*% ADDITIONAL POND VOLUME HAS BEEN PROVIDED TO MATCH ALLOWABLE RELEASE RATES
*% FOR THE MILLER WASTE SYSTEMS EAST CATCHMENT
ROUTE RESERVOIR     IDout=[4],   NHYD=["MLLRCE"],  IDin=[3],
                    RDT=[2](min),
                          TABLE of ( OUTFLOW-STORAGE ) values
                                   (cms) - (ha-m)
                              [ 0.000 ,  0.0000 ]
                              [ 0.057 ,  0.0019 ]
                              [ 0.127 ,  0.0300 ]
                              [   -1  ,     -1  ]  (max twenty pts)
                          IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------|
*SHIFT FLOW FROM THE MILLER WASTE SYSTEMS EAST SITE TO THE OUTLET OF CATCHMENT 9
SHIFT HYD           IDout=[5], NHYD=["SHMLRE"], IDin=[4], TLAG=[18.8](min)
*%-----------------|-------------------------------------------------------|
* MILLER WASTE SYSTEMS CATCHMENT, WEST CATCHMENT
CALIB STANDHYD      ID=[6], NHYD=["MLLRW"], DT=[2.0](min), AREA=[1.73],
                    XIMP=[.82], TIMP=[0.9], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.35](%),
                                         LGP=[37], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.42](%),
                                         LGI=[120], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------|
* MILLER WASTE SYSTEM STORAGE CHANNEL, WEST CATCHMENT
ROUTE RESERVOIR     IDout=[7],   NHYD=["MLLRCW"],  IDin=[6],
                    RDT=[2](min),
```



```
                          TABLE of ( OUTFLOW-STORAGE ) values
                                   (cms) - (ha-m)
                              [ 0.000 ,  0.0000 ]
                              [ 0.129 ,  0.0136 ]
                              [ 0.288 ,  0.0420 ]
                              [   -1  ,     -1  ]  (max twenty pts)
                          IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------|
*SHIFT FLOW FROM THE MILLER WASTE SYSTEMS WEST SITE TO THE OUTLET OF CATCHMENT 9
SHIFT HYD           IDout=[8], NHYD=["SHMLRW"], IDin=[7], TLAG=[13.4](min)
*%-----------------|-------------------------------------------------------|
* CATCHMENT 9
CALIB STANDHYD      ID=[9], NHYD=["CA9"], DT=[2.0](min), AREA=[7.85],
                    XIMP=[0.42], TIMP=[0.43], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[75],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.6](%),
                                         LGP=[96], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.7](%),
                                         LGI=[207], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------|
* TOTAL FLOW FROM THE MILLER WASTE SYSTEMS SITE
ADD HYD             IDsum=[8], NHYD=["TOTMLR"], IDs to add=[8+5]
*%-----------------|-------------------------------------------------------|
* TOTAL FLOW FROM THE MILLER WASTE SYSTEMS SITE AND CATCHMENT 9
ADD HYD             IDsum=[3], NHYD=["T9MLR"], IDs to add=[9+8]
*%-----------------|-------------------------------------------------------|
* SHIFT FLOW FROM CATCHMENT 9 TO FLOW NODE 5
SHIFT HYD           IDout=[4], NHYD=["CA9"], IDin=[3], TLAG=[19.3](min)
*%-----------------|-------------------------------------------------------|
* CATCHMENT 10- INDUSTRIAL LAND USE
CALIB STANDHYD      ID=[5], NHYD=["CA10IN"], DT=[2.0](min), AREA=[17.87],
                    XIMP=[0.75], TIMP=[0.75], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.2](%),
                                         LGI=[427], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------|
* CATCHMENT 13
CALIB STANDHYD      ID=[6], NHYD=["CA13"], DT=[2.0](min), AREA=[7.15],
                    XIMP=[0.44], TIMP=[0.54], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[74],
                    Pervious   surfaces: IAper=[8.0], SLPP=[1.1](%),
                                         LGP=[175], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.6](%),
                                         LGI=[80], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------|
* CATCHMENT 14
CALIB STANDHYD      ID=[7], NHYD=["CA14"], DT=[2.0](min), AREA=[7.52],
                    XIMP=[0.32], TIMP=[0.35], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[74],
                    Pervious   surfaces: IAper=[8.0], SLPP=[1.1](%),
                                         LGP=[175], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.8](%),
                                         LGI=[111], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------|
* TOTAL FLOW FROM CATCHMENTS 10 AND 13
ADD HYD             IDsum=[8], NHYD=["T1013"], IDs to add=[5+6]
*%-----------------|-------------------------------------------------------|
* TOTAL FLOW FROM CATCHMENTS 10, 13, MILLER WASTE SYSTEMS AND CATCHMENT 9
ADD HYD             IDsum=[3], NHYD=["T14"], IDs to add=[8+4]
*%-----------------|-------------------------------------------------------|
* TOTAL FLOW FROM CATCHMENTS 10, 13, MILLER WASTE SYSTEMS, CATCHMENT 9
```

```
* AND CATCHMENT 14
ADD HYD             IDsum=[4], NHYD=["T91013"], IDs to add=[3+7]
*%-----------------|-------------------------------------------------------------|
*%
*%
* TOTAL FLOW TO FLOW NODE 5 INCLUDING CATCHMENTS (9, 10, 13, 14 & Flow Node 4)
* ALSO INCLUDING THE MILLER WASTE SYSTEMS SITE
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[7], NHYD=["TND5"], IDs to add=[2+4]
*%-----------------|-------------------------------------------------------------|
*%
*%
*%-----------------|-------------------------------------------------------------|
*****************************************************************************
* ROUTE FLOW FROM FLOW NODE 5 TO FLOW NODE 6
ROUTE CHANNEL       IDout=[8], NHYD=["ND5ND6"], IDin=[7],
                    RDT=[2](min),
                    CHLGTH=[578](m),  CHSLOPE=[1.64](%),
                                        FPSLOPE=[1.64](%),
                    SECNUM=[1],       NSEG=[3]
                    ( SEGROUGH, SEGDIST (m))=[0.05,2.98 -0.035,3.48 0.05,9.26] NSEG
times
                    [ DISTANCE (m), ELEVATION (m))=[   0  , 100.00 ]
                                                   [ 1.88 , 97.63  ]
                                                   [ 2.98 , 98.48  ]
                                                   [ 3.48 , 98.48  ]
                                                   [ 7.38 , 98.64  ]
                                                   [ 9.26 , 100.00 ]
*%-----------------|-------------------------------------------------------------|
*****************************************************************************
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 15 WEST- OPEN SPACE/ HAZARDLAND LAND USE
CALIB NASHYD        ID=[9], NHYD=["15WHZ"], DT=[2.0]min, AREA=[1.38],
                    DWF=[0.0],  CN/C=[74], IA=[8.0],
                    N=[3], TP=[0.25]hrs,
                    RAINFALL=[ ,  ,  ,  , ],  END=-1
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 15 WEST- RESIDENTIAL LAND USE
CALIB STANDHYD      ID=[2], NHYD=["15WRE"], DT=[2.0](min), AREA=[12.42],
                    XIMP=[0.30], TIMP=[0.55], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.8](%),
                                         LGI=[221], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ],  END=-1
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[3], NHYD=["T15W"], IDs to add=[2+9]
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 15 EAST- OPEN SPACE/ HAZARDLAND LAND USE
CALIB NASHYD        ID=[4], NHYD=["15EHZ"], DT=[2.0]min, AREA=[3.15],
                    DWF=[0.0],  CN/C=[74], IA=[8.0],
                    N=[3], TP=[0.25]hrs,
                    RAINFALL=[ ,  ,  ,  , ],  END=-1
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 15 EAST- INDUSTRIAL LAND USE
CALIB STANDHYD      ID=[6], NHYD=["15EIND"], DT=[2.0](min), AREA=[4.89],
                    XIMP=[0.75], TIMP=[0.75], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[2.0](%),
                                         LGI=[500], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ],  END=-1
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[7], NHYD=["T15E"], IDs to add=[4+6]
*%-----------------|-------------------------------------------------------------|
```



```
ADD HYD             IDsum=[9], NHYD=["T15EW"], IDs to add=[7+3]
*%-----------------|-------------------------------------------------------------|
* UNION GAS 23rd STREET
CALIB STANDHYD      ID=[1], NHYD=["UNGAS"], DT=[2.0](min), AREA=[0.99],
                    XIMP=[0.22], TIMP=[0.22], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[3.3](%),
                                         LGP=[15], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.3](%),
                                         LGI=[90], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ],  END=-1
*%-----------------|-------------------------------------------------------------|
ROUTE RESERVOIR     IDout=[2],   NHYD=["UNGPND"],  IDin=[1],
                    RDT=[2](min),
                          TABLE of ( OUTFLOW-STORAGE ) values
                                     (cms) - (ha-m)
                                  [ 0.000 ,  0.0000 ]
                                  [ 0.018 ,  0.0071 ]
                                  [ 0.074 ,  0.0549 ]
                                  [   -1  ,    -1   ]  (max twenty pts)
                          IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------------|
SHIFT HYD           IDout=[3], NHYD=["SHUNGS"], IDin=[2], TLAG=[16.34](min)
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[4], NHYD=["T15"], IDs to add=[9+3]
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 16- INDUSTRIAL LAND USE
CALIB STANDHYD      ID=[7], NHYD=["CA16I"], DT=[2.0](min), AREA=[26.59],
                    XIMP=[0.75], TIMP=[0.75], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.1](%),
                                         LGI=[551], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ],  END=-1
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[9], NHYD=["T1516"], IDs to add=[7+4]
*%-----------------|-------------------------------------------------------------|
*****************************************************************************
*%
*TOTAL FLOW TO FLOW NODE 6 (15E, 15 WEST, 16 & Flow Node 5)
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[3], NHYD=["TND6"], IDs to add=[8+9]
*%-----------------|-------------------------------------------------------------|
*%
*****************************************************************************
*%-----------------|-------------------------------------------------------------|
* ROUTE FLOW FROM FLOW NODE 6 TO FLOW NODE 8
ROUTE CHANNEL       IDout=[2], NHYD={"ND6ND8"], IDin=[3],
                    RDT=[2](min),
                    CHLGTH=[503](m),  CHSLOPE=[1.29](%),
                                        FPSLOPE=[1.29](%),
                    SECNUM=[1],       NSEG=[3]
                    ( SEGROUGH, SEGDIST (m))=[0.05,3.94 -0.035,6.44 0.05,9.88]
                    ( DISTANCE (m), ELEVATION (m))=[    0  , 100.00 ]
                                                   [ 2.44 ,  98.58 ]
                                                   [ 3.94 ,  97.69 ]
                                                   [ 4.94 ,  97.50 ]
                                                   [ 6.44 ,  97.71 ]
                                                   [ 7.44 ,  98.64 ]
                                                   [ 9.88 , 100.00 ]

*%-----------------|-------------------------------------------------------------|
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 17- WEST RESIDENTIAL LAND USE
CALIB STANDHYD      ID=[3], NHYD=["CA17RW"], DT=[2.0](min), AREA=[6.93],
                    XIMP=[0.30], TIMP=[0.55], DWF=[0.0], LOSS=[2],
```

```
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[3.8](%),
                                         LGI=[263], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%------------------|-------------------------------------------------------------|
CALIB NASHYD        ID=[5], NHYD=["17WOS"], DT=[2.0]min, AREA=[2.11],
                    DWF=[0.0],  CN/C=[79], IA=[8.0],
                    N=[3], TP=[0.17]hrs,
                    RAINFALL=[ ,  ,  ,  , ],  END=-1
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[4], NHYD=["T17"], IDs to add=[3+5]
*%------------------|-------------------------------------------------------------|
* CATCHMENT 17- EAST RESIDENTIAL LAND USE
CALIB STANDHYD      ID=[6], NHYD=["CA17RE"], DT=[2.0](min), AREA=[3.51],
                    XIMP=[0.30], TIMP=[0.55], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[2.4](%),
                                         LGI=[246], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%------------------|-------------------------------------------------------------|
* CATCHMENT 17- EAST OPEN SPACE LAND USE
CALIB NASHYD        ID=[8], NHYD=["17EOS"], DT=[2.0]min, AREA=[6.57],
                    DWF=[0.0],  CN/C=[79], IA=[8.0],
                    N=[3], TP=[0.17]hrs,
                    RAINFALL=[ ,  ,  ,  , ],  END=-1
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[1], NHYD=["T17"], IDs to add=[8+6]
*%------------------|-------------------------------------------------------------|
* TOTAL FLOW FROM CATCHMENTS 17 EAST AND 17 WEST
ADD HYD             IDsum=[9], NHYD=["T17RES"], IDs to add=[1+4]
*%------------------|-------------------------------------------------------------|
*********************************************************************************
*%
* TOTAL FLOW TO FLOW NODE 8 INCLUDING(17 EAST, 17 WEST AND  FLOW NODE 6)
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[5], NHYD=["TND8"], IDs to add=[2+9]
*%------------------|-------------------------------------------------------------|
*%
*********************************************************************************
*%------------------|-------------------------------------------------------------|
* ROUTE FLOW FROM FLOW NODE 8 TO FLOW NODE 9
ROUTE CHANNEL       IDout=[6], NHYD=["ND8ND9"], IDin=[5],
                    RDT=[2](min),
                    CHLGTH=[405](m),  CHSLOPE=[1.48](%),
                                      FPSLOPE=[1.48](%),
                    SECNUM=[1],       NSEG=[3]
                    ( SEGROUGH, SEGDIST (m))=[0.05,8 -0.045,12 0.05,18] NSEG times
                    ( DISTANCE (m), ELEVATION (m))=[  0 , 92.86 ]
                                                   [  8 , 89.65 ]
                                                   [ 10 , 89.48 ]
                                                   [ 12 , 89.60 ]
                                                   [ 18 , 91.63 ]
*%------------------|-------------------------------------------------------------|
* CATCHMENT 18
CALIB NASHYD        ID=[7], NHYD=["CA18"], DT=[2.0]min, AREA=[12.02],
                    DWF=[0.0],  CN/C=[78], IA=[8.1],
                    N=[3], TP=[.41]hrs,
                    RAINFALL=[ ,  ,  ,  , ],  END=-1
*%------------------|-------------------------------------------------------------|
*%
*%
* TOTAL FLOW TO FLOW NODE 9 (17 & FLOW NODE 8)
*%------------------|-------------------------------------------------------------|
```



```
ADD HYD             IDsum=[8], NHYD=["TND9"], IDs to add=[7+6]
*%------------------|-------------------------------------------------------------|
*%
*%
*%------------------|-------------------------------------------------------------|
* ROUTE FLOW FROM FLOW NODE 9 TO FLOW NODE 10
ROUTE CHANNEL       IDout=[9], NHYD=["ND9ND10"], IDin=[8],
                    RDT=[2](min),
                    CHLGTH=[505](m),  CHSLOPE=[1.90](%),
                                      FPSLOPE=[1.90](%),
                    SECNUM=[1],       NSEG=[3]
                    ( SEGROUGH, SEGDIST (m))=[0.05,1.05 -0.045,10.5 0.05,13] NSEG
times
                    ( DISTANCE (m), ELEVATION (m))=[  0.00 , 82.56 ]
                                                   [  1.05 , 81.60 ]
                                                   [  6.50 , 81.31 ]
                                                   [ 10.50 , 81.77 ]
                                                   [ 13.00 , 82.53 ]
*%------------------|-------------------------------------------------------------|
* CATCHMENT 19
CALIB NASHYD        ID=[1], NHYD=["CA19"], DT=[2.0]min, AREA=[1.18],
                    DWF=[0.0],  CN/C=[74], IA=[8.0],
                    N=[3], TP=[0.17]hrs,
                    RAINFALL=[ ,  ,  ,  , ],  END=-1
*%------------------|-------------------------------------------------------------|
* CATCHMENT 20- INDUSTRIAL LAND USE
CALIB STANDHYD      ID=[2], NHYD=["CA20IN"], DT=[2.0](min), AREA=[7.54],
                    XIMP=[0.75], TIMP=[0.75], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=]0.5](%),
                                         LGI=[194], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[3], NHYD=["T1920"], IDs to add=[1+2]
*%------------------|-------------------------------------------------------------|
*%
*********************************************************************************
* TOTAL FLOW TO FLOW NODE 10 (18, 19 & FLOW NODE 9)
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[4], NHYD=["TND10"], IDs to add=[3+9]
*%------------------|-------------------------------------------------------------|
*********************************************************************************
*% 5-year SCS Type-II Storm Distribution for Owen Sound, ON. (6-hour)
START               TZERO=[0.0],  METOUT=[2],  NSTORM=[1],  NRUN=[2]
*                   ["5SCS6.stm"] <--storm filename
*%------------------|-------------------------------------------------------------|
*% 10-year SCS Type-II Storm Distribution for Owen Sound, ON. (6-hour)
START               TZERO=[0.0],  METOUT=[2],  NSTORM=[1],  NRUN=[3]
*                   ["10SCS6.stm"] <--storm filename
*%------------------|-------------------------------------------------------------|
*% 25-year SCS Type-II Storm Distribution for Owen Sound, ON. (6-hour)
START               TZERO=[0.0],  METOUT=[2],  NSTORM=[1],  NRUN=[4]
*                   ["25SCS6.stm"] <--storm filename
*%------------------|-------------------------------------------------------------|
*% 50-year SCS Type-II Storm Distribution for Owen Sound, ON. (6-hour)
START               TZERO=[0.0],  METOUT=[2],  NSTORM=[1],  NRUN=[5]
*                   ["50SCS6.stm"] <--storm filename
*%------------------|-------------------------------------------------------------|
*% 100-year SCS Type-II Storm Distribution for Owen Sound, ON. (6-hour)
START               TZERO=[0.0],  METOUT=[2],  NSTORM=[1],  NRUN=[6]
*                   ["100SCS6.stm"] <--storm filename
*%------------------|-------------------------------------------------------------|
*% Timmins Regional Storm (12-hour)
START               TZERO=[0.0],  METOUT=[2],  NSTORM=[1],  NRUN=[7]
*                   ["12regtim.o89"] <--storm filename
```

```
*%-----------------|-------------------------------------------------------|
FINISH
```

```
================================================================================

 SSSSS  W   W  M   M  H   H  Y   Y  M   M   OOO        999   55555 =========
 S      W W W  MM MM  H   H   Y Y   MM MM  O   O      9   9  5     =========
 SSSSS  W W W  M M M  HHHHH    Y    M M M  O   O  ##  9   9  5     Ver.  3.1
     S   W W   M   M  H   H    Y    M   M  O   O       9999  5555  Oct. 1997
 SSSSS   W W   M   M  H   H    Y    M   M   OOO           9     5 =========
                                                      9   9     5 # 3846413
      StormWater Management HYdrologic Model           999   5555  =========

 ********************************************************************************
 ************************** SWMHYMO-95w Ver/3.1 *********************************
 *******  A single event and continuous hydrologic simulation model  ********
 *******     based on the principles of HYMO and its successors      ********
 *******                  OTTHYMO-83 and OTTHYMO-89.                  ********
 ********************************************************************************
 ******* Distributed by:  J.F. Sabourin and Associates Inc.           ********
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 *******                  Gatineau, Quebec: (819) 243-6858           ********
 *******                  E-Mail: swmhymo@jfsa.Com                   ********
 ********************************************************************************

 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 +++++++ Licensed user: R.J. Burnside and Associates                  +++++++
 +++++++                Stayner              SERIAL#:3846413         +++++++
 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

 ********************************************************************************
 *******          ++++++ PROGRAM ARRAY DIMENSIONS ++++++              ********
 *******          Maximum value for ID numbers  :     10             ********
 *******          Max. number of rainfall points:   5000             ********
 *******          Max. number of flow points    :   5000             ********
 ********************************************************************************

 *** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) ***
 ***------------------------------------------------------------------------***
 ***    ID:  Hydrograph IDentification numbers, (1-10).                     ***
 ***  NHYD:  Hydrograph reference numbers, (6 digits or characters).        ***
 ***  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.).      ***
 *** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s).        ***
 *** TpeakDate_hh:mm is the date and time of the peak flow.                 ***
 ***   R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).          ***
 ***  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).           ***
 ***     *:  see WARNING or NOTE message printed at end of run.             ***
 ***    **:  see  ERROR  message printed at end of run.                     ***
 ********************************************************************************
 ********************************************************************************

::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

 ********************************************************************************

 *********************   S U M M A R Y   O U T P U T   **********************
 ********************************************************************************
 *       DATE: 2007-06-12     TIME: 16:20:47     RUN COUNTER: 000098          *
 ********************************************************************************
 * Input   filename: C:\DOCUME~1\CPROCTOR\MYDOCU~1\PR-(WI~1\6HR-SCS.TXT        *
 * Output  filename: C:\DOCUME~1\CPROCTOR\MYDOCU~1\PR-(WI~1\6HR-SCS.out        *
 * Summary filename: C:\DOCUME~1\CPROCTOR\MYDOCU~1\PR-(WI~1\6HR-SCS.sum        *
 * User comments:                                                             *
 * 1:_____________________________________________________________________    *
 * 2:_____________________________________________________________________    *
 * 3:_____________________________________________________________________    *
 ********************************************************************************

*#*******************************************************************************
```



```
*#  Project Name: [Owen Sound Drainage Study]    Project Number: [MCG 10665]
*#  Date        : 04-12-2007
*#  Modeller    : [T.Lozon]
*#  Company     : R.J. Burnside and Associates
*#  License #   :  3846413
 RUN:COMMAND#
 001:0001--------------------------------------------------------------------------
     START
      [TZERO =     .00 hrs on        0]
      [METOUT=   2    [1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   1 ]
 001:0002--------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  = 2-Year SCS Type-II Storm Distribution (6-hour) Owen Sound, O
      [SDT=30.00:SDUR=   6.50:PTOT= 37.20]
 001:0003---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:TRA7       1.82      .127 No_date    3:30   24.96 .671
      [XIMP=.60:TIMP=.60]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP= .50:LGP=  70.:MNP=.030:SCP=   .0]
      [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 170.:MNI=.013:SCI=   .0]
 001:0004---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:A8          .28      .018 No_date    3:30   22.40 .602
      [XIMP=.50:TIMP=.50]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  82.:MNP=.030:SCP=   .0]
      [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  82.:MNI=.013:SCI=   .0]
 001:0005---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 01:A8          .28      .018 No_date    3:30   22.40  n/a
  *  [RDT= 2.00] out<- 02:Pipe16       .28      .018 No_date    3:30   22.40  n/a
      [L/S/n=   15./2.000/.013]
      {Vmax= 1.227:Dmax=  .062}
      [Din=  .53:Dused=  .53}
 001:0006---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:Pipe16      .28      .018 No_date    3:30   22.40  n/a
                      + 04:TRA7       1.82      .127 No_date    3:30   24.96  n/a
      [DT= 2.00]  SUM=  03:TRA8       2.10      .145 No_date    3:30   24.62  n/a
 001:0007---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD     04:A9          .28      .011 No_date    3:30   12.15 .327
      [XIMP=.10:TIMP=.10]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=4.10:LGP= 100.:MNP=.030:SCP=   .0]
      [Impervious   area: IAimp=2.00:SLPI=4.10:LGI=  35.:MNI=.013:SCI=   .0]
 001:0008---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 04:A9          .28      .011 No_date    3:30   12.15  n/a
  *  [RDT= 2.00] out<- 05:Pipe17       .28      .011 No_date    3:30   12.15  n/a
      [L/S/n=   29./2.000/.013]
      {Vmax=  .987:Dmax=  .046}
      [Din=  .53:Dused=  .53}
 001:0009---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            05:Pipe17      .28      .011 No_date    3:30   12.15  n/a
                      + 03:TRA8       2.10      .145 No_date    3:30   24.62  n/a
      [DT= 2.00]  SUM=  06:TRA9       2.38      .156 No_date    3:30   23.13  n/a
 001:0010---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     07:A10         .59      .039 No_date    3:30   22.40 .602
      [XIMP=.50:TIMP=.50]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
      [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  73.:MNI=.013:SCI=   .0]
 001:0011---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 07:A10         .59      .039 No_date    3:30   22.40  n/a
  *  [RDT= 2.00] out<- 08:Pipe18       .59      .039 No_date    3:30   22.40  n/a
      [L/S/n=   60./2.000/.013]
      {Vmax= 1.555:Dmax=  .089}
      [Din=  .53:Dused=  .53}
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001:0012----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe18       .59     .039 No_date    3:30   22.40  n/a
                      + 06:TRA9        2.38     .156 No_date    3:30   23.13  n/a
     [DT= 2.00]  SUM=  09:TRA10       2.97     .194 No_date    3:30   22.99  n/a
001:0013----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:A11          .82     .054 No_date    3:30   22.40 .602
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious      area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=3.60:LGI=  67.:MNI=.013:SCI=   .0]
001:0014----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A11          .82     .054 No_date    3:30   22.40  n/a
 *   [RDT= 2.00] out<- 02:Pipe19       .82     .054 No_date    3:30   22.40  n/a
     [L/S/n=   59./2.000/.013]
     [Vmax= 1.721:Dmax=  .105]
     [Din=  .53:Dused=  .53]
001:0015----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:TRA10       2.97     .194 No_date    3:30   22.99  n/a
                      + 02:Pipe19       .82     .054 No_date    3:30   22.40  n/a
     [DT= 2.00]  SUM=  03:TRA11       3.80     .248 No_date    3:30   22.86  n/a
001:0016----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      04:A12          .30     .013 No_date    3:30   14.72 .396
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 77.0]
     [Pervious      area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=5.00:LGI=  58.:MNI=.013:SCI=   .0]
001:0017----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A12          .30     .013 No_date    3:30   14.72  n/a
 *   [RDT= 2.00] out<- 05:Pipe20       .30     .013 No_date    3:30   14.72  n/a
     [L/S/n=   69./2.000/.013]
     [Vmax= 1.089:Dmax=  .052]
     [Din=  .53:Dused=  .53]
001:0018----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe20       .30     .013 No_date    3:30   14.72  n/a
                      + 03:TRA11       3.80     .248 No_date    3:30   22.86  n/a
     [DT= 2.00]  SUM=  06:TRA12       4.10     .261 No_date    3:30   22.26  n/a
001:0019----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:A13          .31     .016 No_date    3:30   17.28 .464
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious      area: IAper=5.00:SLPP=2.00:LGP=  68.:MNP=.030:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=2.00:LGI=  68.:MNI=.013:SCI=   .0]
001:0020----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:A13          .31     .016 No_date    3:30   17.28  n/a
 *   [RDT= 2.00] out<- 08:Pipe21       .31     .016 No_date    3:30   17.28  n/a
     [L/S/n=   53./1.900/.013]
     [Vmax= 1.168:Dmax=  .059]
     [Din=  .53:Dused=  .53]
001:0021----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe21       .31     .016 No_date    3:30   17.28  n/a
                      + 06:TRA12       4.10     .261 No_date    3:30   22.26  n/a
     [DT= 2.00]  SUM=  09:TRA13       4.41     .277 No_date    3:30   21.91  n/a
001:0022----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:A14          .22     .012 No_date    3:30   17.28 .464
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious      area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
001:0023----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A14          .22     .012 No_date    3:30   17.28  n/a
 *   [RDT= 2.00] out<- 02:Pipe22       .22     .012 No_date    3:30   17.28  n/a
     [L/S/n=   52./1.250/.013]
     [Vmax=  .848:Dmax=  .053]
     [Din=  .60:Dused=  .60]
001:0024----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:Pipe22       .22     .012 No_date    3:30   17.28  n/a
                      + 09:TRA13       4.41     .277 No_date    3:30   21.91  n/a
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     [DT= 2.00]  SUM=  03:TRA14       4.63     .289 No_date    3:30   21.69  n/a
001:0025----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      04:A15          .24     .012 No_date    3:30   17.28 .464
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious      area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
001:0026----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A15          .24     .012 No_date    3:30   17.28  n/a
 *   [RDT= 2.00] out<- 05:Pipe23       .24     .012 No_date    3:30   17.28  n/a
     [L/S/n=   10./ .500/.013]
     [Vmax=  .600:Dmax=  .063]
     [Din=  .75:Dused=  .75]
001:0027----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe23       .24     .012 No_date    3:30   17.28  n/a
                      + 03:TRA14       4.63     .289 No_date    3:30   21.69  n/a
     [DT= 2.00]  SUM=  06:TRA15       4.87     .301 No_date    3:30   21.47  n/a
001:0028----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:A101         3.00     .227 No_date    3:30   26.04 .700
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious      area: IAper=5.00:SLPP=1.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=1.00:LGI= 150.:MNI=.013:SCI=   .0]
001:0029----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A101         3.00     .227 No_date    3:30   26.04  n/a
 *   [RDT= 2.00] out<- 02:Pipe24       3.00     .226 No_date    3:30   26.04  n/a
     [L/S/n=   60./ .750/.013]
     [Vmax= 1.748:Dmax=  .231]
     [Din=  .90:Dused=  .90]
001:0030----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:Pipe24       3.00     .226 No_date    3:30   26.04  n/a
 *   [RDT= 2.00] out<- 03:Pipe25       3.00     .226 No_date    3:30   26.04  n/a
     [L/S/n=   36./ .400/.013]
     [Vmax= 1.416:Dmax=  .292]
     [Din=  .75:Dused=  .75]
001:0031----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             06:TRA15       4.87     .301 No_date    3:30   21.47  n/a
                      + 03:Pipe25       3.00     .226 No_date    3:30   26.04  n/a
     [DT= 2.00]  SUM=  04:TRA101      7.87     .527 No_date    3:30   23.22  n/a
001:0032----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:TRA101       7.87     .527 No_date    3:30   23.22  n/a
 *   [RDT= 2.00] out<- 05:Pipe26       7.87     .526 No_date    3:30   23.22  n/a
     [L/S/n=   51./ .650/.013]
     [Vmax= 2.107:Dmax=  .374]
     [Din=  .90:Dused=  .90]
001:0033----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:A102         .74     .069 No_date    3:30   30.62 .823
     [XIMP=.80:TIMP=.80]
     [LOSS= 2 :CN= 83.0]
     [Pervious      area: IAper=5.00:SLPP=5.00:LGP=  70.:MNP=.013:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
001:0034----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A102         .74     .069 No_date    3:30   30.62  n/a
 *   [RDT= 2.00] out<- 02:Pipe27       .74     .069 No_date    3:30   30.62  n/a
     [L/S/n=   42./1.000/.013]
     [Vmax= 1.492:Dmax=  .164]
     [Din=  .38:Dused=  .38]
001:0035----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe26       7.87     .526 No_date    3:30   23.22  n/a
                      + 02:Pipe27       .74     .069 No_date    3:30   30.62  n/a
     [DT= 2.00]  SUM=  04:8thSTR      8.61     .595 No_date    3:30   23.85  n/a
001:0036----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:8thSTR       8.61     .595 No_date    3:30   23.85  n/a
 *   [RDT= 2.00] out<- 05:Pipe28       8.61     .593 No_date    3:30   23.85  n/a
     [L/S/n=   88./3.260/.013]
     [Vmax= 3.961:Dmax=  .279]
     [Din=  .75:Dused=  .75]
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001:0037---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     06:A103        2.55     .205 No_date    3:30   26.04 .700
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=    .0]
001:0038---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:A103        2.55     .205 No_date    3:30   26.04  n/a
 *   [RDT= 2.00] out<- 07:Pipe29      2.55     .205 No_date    3:30   26.04  n/a
     [L/S/n=   65./2.800/.013]
     {Vmax= 2.754:Dmax=  .167}
     [Din=  .75:Dused=  .75]
001:0039---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe28      8.61     .593 No_date    3:30   23.85  n/a
                     + 07:Pipe29      2.55     .205 No_date    3:30   26.04  n/a
     [DT= 2.00]  SUM=  08:OSCVIb     11.16     .798 No_date    3:30   24.35  n/a
001:0040---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:AREAB       6.03     .464 No_date    3:30   26.04 .700
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.50:LGP=  55.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI= 320.:MNI=.013:SCI=    .0]
001:0041---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:AREAB       6.03     .464 No_date    3:30   26.04  n/a
                     + 08:OSCVIb     11.16     .798 No_date    3:30   24.35  n/a
     [DT= 2.00]  SUM=  01:OSCVI      17.19    1.262 No_date    3:30   24.95  n/a
001:0042---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:OSCVI      17.19    1.262 No_date    3:30   24.95  n/a
 *   [RDT= 2.00] out<- 02:Pipe30      17.19    1.258 No_date    3:30   24.95  n/a
     [L/S/n=  150./2.600/.013]
     {Vmax= 4.417:Dmax=  .413}
     [Din=  .90:Dused=  .90]
001:0043---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:HOSP        4.59     .200 No_date    3:32   16.89 .454
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 130.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 300.:MNI=.013:SCI=    .0]
001:0044---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:HOSP        4.59     .200 No_date    3:32   16.89  n/a
 *   [RDT= 2.00] out<- 04:Pipe31      4.59     .200 No_date    3:32   16.89  n/a
     [L/S/n=  118./6.000/.013]
     {Vmax= 3.821:Dmax=  .180}
     [Din=  .38:Dused=  .38]
001:0045---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:Pipe31      4.59     .200 No_date    3:32   16.89  n/a
 *   [RDT= 2.00] out<- 05:Pipe32      4.59     .201 No_date    3:34   16.89  n/a
     [L/S/n=   70./1.100/.013]
     {Vmax= 2.007:Dmax=  .229}
     [Din=  .60:Dused=  .60]
001:0046---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe30     17.19    1.258 No_date    3:30   24.95  n/a
                     + 05:Pipe32      4.59     .201 No_date    3:34   16.89  n/a
     [DT= 2.00]  SUM=  06:TOTHSP     21.78    1.450 No_date    3:30   23.25  n/a
001:0047---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:TOTHSP     21.78    1.450 No_date    3:30   23.25  n/a
 *   [RDT= 2.00] out<- 07:Pipe33      21.78    1.448 No_date    3:30   23.25  n/a
     [L/S/n=   60./4.300/.013]
     {Vmax= 5.517:Dmax=  .388}
     [Din=  .90:Dused=  .90]
001:0048---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:104         4.20     .321 No_date    3:30   26.04 .700
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 300.:MNI=.013:SCI=    .0]
001:0049---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            07:Pipe33     21.78    1.448 No_date    3:30   23.25  n/a
                     + 08:104         4.20     .321 No_date    3:30   26.04  n/a
     [DT= 2.00]  SUM=  09:TOT104     25.98    1.769 No_date    3:30   23.70  n/a
001:0050---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 09:TOT104     25.98    1.769 No_date    3:30   23.70  n/a
 *   [RDT= 2.00] out<- 01:Pipe34      25.98    1.765 No_date    3:30   23.70  n/a
     [L/S/n=   59./1.300/.013]
     {Vmax= 3.702:Dmax=  .526}
     [Din= 1.20:Dused= 1.20]
001:0051---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:105         3.59     .195 No_date    3:30   18.03 .485
     [XIMP=.25:TIMP=.25]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=4.00:LGP= 200.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=4.00:LGI= 200.:MNI=.013:SCI=    .0]
001:0052---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:105         3.59     .195 No_date    3:30   18.03  n/a
 *   [RDT= 2.00] out<- 03:Pipe35      3.59     .194 No_date    3:30   18.03  n/a
     [L/S/n=   70./ .750/.013]
     {Vmax= 1.736:Dmax=  .251}
     [Din=  .60:Dused=  .60]
001:0053---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:Pipe35      3.59     .194 No_date    3:30   18.03  n/a
 *   [RDT= 2.00] out<- 04:Pipe36      3.59     .192 No_date    3:32   18.03  n/a
     [L/S/n=  120./1.050/.013]
     {Vmax= 1.956:Dmax=  .228}
     [Din=  .60:Dused=  .60]
001:0054---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:105.2       2.44     .135 No_date    3:30   19.18 .516
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 300.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 300.:MNI=.013:SCI=    .0]
001:0055---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:Pipe36      3.59     .192 No_date    3:32   18.03  n/a
                     + 05:105.2       2.44     .135 No_date    3:30   19.18  n/a
     [DT= 2.00]  SUM=  06:T105.2      6.03     .326 No_date    3:30   18.50  n/a
001:0056---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:T105.2      6.03     .326 No_date    3:30   18.50  n/a
 *   [RDT= 2.00] out<- 07:Pipe37      6.03     .324 No_date    3:30   18.50  n/a
     [L/S/n=   75./2.800/.013]
     {Vmax= 3.218:Dmax=  .232}
     [Din=  .60:Dused=  .60]
001:0057---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:Pipe37      6.03     .324 No_date    3:30   18.50  n/a
 *   [RDT= 2.00] out<- 08:Pipe38      6.03     .324 No_date    3:32   18.50  n/a
     [L/S/n=   69./2.200/.013]
     {Vmax= 2.945:Dmax=  .247}
     [Din=  .60:Dused=  .60]
001:0058---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     09:AREA A      2.34     .103 No_date    3:30   13.56 .364
     [XIMP=.01:TIMP=.10]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=8.00:LGP= 190.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  10.:MNI=.013:SCI=    .0]
001:0059---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:AREA A      2.34     .103 No_date    3:30   13.56  n/a
                     + 08:Pipe38      6.03     .324 No_date    3:32   18.50  n/a
     [DT= 2.00]  SUM=  02:OSCVIA      8.37     .427 No_date    3:32   17.11  n/a
001:0060---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:OSCVIA      8.37     .427 No_date    3:32   17.11  n/a
 *   [RDT= 2.00] out<- 03:Pipe39      8.37     .428 No_date    3:32   17.11  n/a
     [L/S/n=   50./3.000/.013]
     {Vmax= 3.550:Dmax=  .264}
     [Din=  .60:Dused=  .60]
001:0061---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:Pipe39      8.37     .428 No_date    3:32   17.11  n/a
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 *   [RDT= 2.00] out<- 04:Pipe40     8.37     .429 No_date    3:32   17.11  n/a
     [L/S/n=   30./1.000/.013]
     {Vmax= 2.353:Dmax=  .322}
     [Din=  .75:Dused=  .75}
001:0062--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:Pipe34    25.98    1.765 No_date    3:30   23.70  n/a
                    +   04:Pipe40     8.37     .429 No_date    3:32   17.11  n/a
     [DT= 2.00]  SUM=   05:16&10     34.35    2.188 No_date    3:30   22.10  n/a
001:0063--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16&10     34.35    2.188 No_date    3:30   22.10  n/a
 *   [RDT= 2.00] out<- 06:Pipe41    34.35    2.179 No_date    3:30   22.10  n/a
     [L/S/n=   80./ .600/.013]
     {Vmax= 2.921:Dmax=  .659}
     [Din= 1.50:Dused= 1.50}
001:0064--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:999        4.20     .114 No_date    3:30   16.89 .454
     {XIMP=.20:TIMP=.20}
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP= 350.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI=  60.:MNI=.013:SCI=   .0]
001:0065--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:999        4.20     .114 No_date    3:30   16.89  n/a
 *   [RDT= 2.00] out<- 08:Pipe42     4.20     .113 No_date    3:30   16.89  n/a
     [L/S/n=  100./3.000/.013]
     {Vmax= 2.519:Dmax=  .147}
     [Din=  .45:Dused=  .45}
001:0066--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe42     4.20     .113 No_date    3:30   16.89  n/a
                    +   06:Pipe41    34.35    2.179 No_date    3:30   22.10  n/a
     [DT= 2.00]  SUM=   09:TRA999    38.55    2.292 No_date    3:30   21.53  n/a
001:0067--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:106        1.95     .083 No_date    3:30   16.89 .454
     {XIMP=.20:TIMP=.20}
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  50.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI=  50.:MNI=.013:SCI=   .0]
001:0068--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:TRA999    38.55    2.292 No_date    3:30   21.53  n/a
                    +   01:106        1.95     .083 No_date    3:30   16.89  n/a
     [DT= 2.00]  SUM=   02:TRA106    40.50    2.375 No_date    3:30   21.30  n/a
001:0069--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 02:TRA106    40.50    2.375 No_date    3:30   21.30  n/a
     [RDT= 2.00] out<- 03:CHAN-1    40.50    2.350 No_date    3:32   21.30  n/a
     [L/S/n=  150./2.000/.035]
     {Vmax= 1.861:Dmax=  .397}
001:0070--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:CHAN-1    40.50    2.350 No_date    3:32   21.30  n/a
     [RDT= 2.00] out<- 04:POND1     40.50     .259 No_date    5:06   21.30  n/a
    {MxStoUsed=.5943E+00}
001:0071--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:107.1       .96     .058 No_date    3:30   21.47 .577
     {XIMP=.40:TIMP=.40}
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
001:0072--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:107.1       .96     .058 No_date    3:30   21.47  n/a
 *   [RDT= 2.00] out<- 06:Pipe43      .96     .057 No_date    3:30   21.47  n/a
     [L/S/n=   43./2.400/.013]
     {Vmax= 1.979:Dmax=  .129}
     [Din=  .30:Dused=  .30}
001:0073--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:107.2       .30     .018 No_date    3:30   21.47 .577
     {XIMP=.40:TIMP=.40}
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
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001:0074--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:107.2       .30     .018 No_date    3:30   21.47  n/a
                    +   06:Pipe43      .96     .057 No_date    3:30   21.47  n/a
     [DT= 2.00]  SUM=   08:T107.2     1.26     .075 No_date    3:30   21.47  n/a
001:0075--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 08:T107.2     1.26     .075 No_date    3:30   21.47  n/a
 *   [RDT= 2.00] out<- 09:Pipe44     1.26     .075 No_date    3:30   21.47  n/a
     [L/S/n=   65./2.200/.013]
     {Vmax= 2.040:Dmax=  .138}
     [Din=  .38:Dused=  .38}
001:0076--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:107.3       .30     .018 No_date    3:30   21.47 .577
     {XIMP=.40:TIMP=.40}
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
001:0077--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:107.3       .30     .018 No_date    3:30   21.47  n/a
                    +   09:Pipe44     1.26     .075 No_date    3:30   21.47  n/a
     [DT= 2.00]  SUM=   02:T107.3     1.56     .093 No_date    3:30   21.47  n/a
001:0078--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:T107.3     1.56     .093 No_date    3:30   21.47  n/a
 *   [RDT= 2.00] out<- 03:Pipe45     1.56     .093 No_date    3:30   21.47  n/a
     [L/S/n=   55./1.900/.013]
     {Vmax= 2.017:Dmax=  .149}
     [Din=  .45:Dused=  .45}
001:0079--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:Pipe45     1.56     .093 No_date    3:30   21.47  n/a
                    +   04:POND1     40.50     .259 No_date    5:06   21.30  n/a
     [DT= 2.00]  SUM=   05:16+10     42.06     .281 No_date    3:30   21.31  n/a
001:0080--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16+10     42.06     .281 No_date    3:30   21.31  n/a
 *   [RDT= 2.00] out<- 06:Pipe46     42.06     .279 No_date    3:32   21.31  n/a
     [L/S/n=   94./ .600/.013]
     {Vmax= 1.664:Dmax=  .246}
     [Din= 1.20:Dused= 1.20}
001:0081--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:900         7.25     .539 No_date    3:30   26.04 .700
     {XIMP=.60:TIMP=.60}
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 100.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 100.:MNI=.013:SCI=   .0]
001:0082--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:900         7.25     .539 No_date    3:30   26.04  n/a
     [RDT= 2.00] out<- 08:POND2      7.25     .386 No_date    3:32   26.04  n/a
    {MxStoUsed=.3624E-01}
001:0083--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 08:POND2      7.25     .386 No_date    3:32   26.04  n/a
 *   [RDT= 2.00] out<- 09:Pipe47     7.25     .383 No_date    3:34   26.04  n/a
     [L/S/n=  250./ .400/.013]
     {Vmax= 1.631:Dmax=  .396}
     [Din=  .75:Dused=  .75}
001:0084--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:Pipe47     7.25     .383 No_date    3:34   26.04  n/a
                    +   06:Pipe46    42.06     .279 No_date    3:32   21.31  n/a
     [DT= 2.00]  SUM=   01:TRP2      49.31     .661 No_date    3:32   22.01  n/a
001:0085--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:108         1.10     .066 No_date    3:30   21.47 .577
     {XIMP=.40:TIMP=.40}
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
001:0086--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:TRP2      49.31     .661 No_date    3:32   22.01  n/a
                    +   02:108        1.10     .066 No_date    3:30   21.47  n/a
     [DT= 2.00]  SUM=   03:T108      50.41     .719 No_date    3:30   21.99  n/a
001:0087--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ROUTE PIPE      -> 03:T108      50.41      .719 No_date    3:30   21.99  n/a
 *   [RDT= 2.00] out<- 04:Pipe48     50.41      .715 No_date    3:30   21.99  n/a
     [L/S/n=   60./ .580/.013]
     {Vmax= 2.156:Dmax=  .401}
     [Din= 1.20:Dused= 1.20}
001:0088--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:Pipe48     50.41      .715 No_date    3:30   21.99  n/a
 *   [RDT= 2.00] out<- 05:Pipe49     50.41      .716 No_date    3:32   21.99  n/a
     [L/S/n=   59./ .630/.013[
     {Vmax= 2.220:Dmax=  .392}
     [Din= 1.20:Dused= 1.20}
001:0089--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:ANDPET      7.70      .412 No_date    3:30   20.67 .556
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.300:SCP=   .0}
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 100.:MNI=.013:SCI=   .0]
001:0090--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:ANDPET      7.70      .412 No_date    3:30   20.67  n/a
     [RDT= 2.00] out<- 07:ANDPND      7.70      .315 No_date    3:32   20.67  n/a
     {MxStoUsed=.2952E-01}
001:0091--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:ANDPND     7.70      .315 No_date    3:32   20.67  n/a
 *   [RDT= 2.00] out<- 08:Pipe50     7.70      .314 No_date    3:34   20.67  n/a
     [L/S/n=   59./ .200/.013]
     {Vmax= 1.193:Dmax=  .433}
     [Din=  .75:Dused=  .75}
001:0092--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe49     50.41      .716 No_date    3:32   21.99  n/a
                   +   08:Pipe50      7.70      .314 No_date    3:34   20.67  n/a
     [DT= 2.00]  SUM=  09:TOTAND     58.11     1.030 No_date    3:32   21.82  n/a
001:0093--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:RETRES       .90      .062 No_date    3:30   24.45 .657
     {XIMP=.63:TIMP=.63]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  20.:MNP=.300:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI=  65.:MNI=.013:SCI=   .0]
001:0094--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:RETRES       .90      .062 No_date    3:30   24.45  n/a
     [RDT= 2.00] out<- 02:POND3        .90      .036 No_date    3:34   24.44  n/a
     {MxStoUsed=.7535E-02}
001:0095--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TOTAND     58.11     1.030 No_date    3:32   21.82  n/a
                   +   02:POND3        .90      .036 No_date    3:34   24.44  n/a
     [DT= 2.00]  SUM=  05:TOT16      59.01     1.065 No_date    3:32   21.86  n/a
001:0096--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:WLMRT      20.72     1.401 No_date    3:30   26.11 .702
     [XIMP=.65:TIMP=.65]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=4.20:LGP= 130.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 371.:MNI=.013:SCI=   .0]
001:0097--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:WEXT        1.58      .053 No_date    3:32    9.88 .266
     [CN= 78.0: N= 3.00]
     [Tp=  .11:DT= 2.00]
001:0098--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:WLMRT      20.72     1.401 No_date    3:30   26.11  n/a
                   +   07:WEXT        1.58      .053 No_date    3:32    9.88  n/a
     [DT= 2.00]  SUM=  08:TWLMRT     22.30     1.454 No_date    3:30   24.96  n/a
001:0099--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 08:TWLMRT     22.30     1.454 No_date    3:30   24.96  n/a
     [RDT= 2.00] out<- 09:WMRTPD     22.30      .542 No_date    3:54   24.96  n/a
     {MxStoUsed=.2368E+00}
001:0100--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 09:WMRTPD     22.30      .542 No_date    3:54   24.96  n/a
     {RDT= 2.00} out<- 01:16thST     22.30      .542 No_date    3:56   24.96  n/a
     [L/S/n=  180./ .580/.013]
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     {Vmax= 2.013:Dmax=  .365}
     [Din= 1.05:Dused= 1.05}
001:0101--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CDNT        3.62      .361 No_date    3:30   33.90 .911
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  33.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.30:LGI= 273.:MNI=.013:SCI=   .0]
001:0102--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:TOT16      59.01     1.065 No_date    3:32   21.86  n/a
                   +   01:16thST     22.30      .542 No_date    3:56   24.96  n/a
     [DT= 2.00]  SUM=  04:TN1        81.31     1.501 No_date    3:40   22.71  n/a
001:0103--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:CDNT        3.62      .361 No_date    3:30   33.90  n/a
                   +   04:TN1        81.31     1.501 No_date    3:40   22.71  n/a
     [DT= 2.00]  SUM=  03:TND1       84.93     1.829 No_date    3:32   23.19  n/a
001:0104--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:TND1       84.93     1.829 No_date    3:32   23.19  n/a
     [RDT= 2.00] out<- 04:ND1ND2     84.93     1.826 No_date    3:32   23.19  n/a
     [L/S/n=  150./ .730/.013]
     {Vmax= 2.661:Dmax=  .354}
     {HGTH= 1.22:WDTH= 1.93}
001:0105--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA2COM      4.44      .431 No_date    3:30   32.60 .876
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=6.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.40:LGI= 149.:MNI=.013:SCI=   .0]
001:0106--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:CA2COM      4.44      .431 No_date    3:30   32.60  n/a
     [LAG=  5.7 min]<- 06:SH2a        4.44      .431 No_date    3:34   32.60  n/a
001:0107--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA3a        5.11      .338 No_date    3:30   24.71 .664
     [XIMP=.55:TIMP=.66]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=7.10:LGP=  28.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 248.:MNI=.013:SCI=   .0]
001:0108--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:CA3a        5.11      .338 No_date    3:30   24.71  n/a
     [LAG=  2.5 min]<- 08:SH3a        5.11      .338 No_date    3:32   24.71  n/a
001:0109--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA3b        2.82      .249 No_date    3:30   30.26 .814
     [XIMP=.81:TIMP=.81]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  40.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .80:LGI= 118.:MNI=.013:SCI=   .0]
001:0110--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:ANDCOM      1.10      .111 No_date    3:30   33.90 .911
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  10.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 115.:MNI=.013:SCI=   .0]
001:0111--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:ANDCOM      1.10      .111 No_date    3:30   33.90  n/a
     [RDT= 2.00] out<- 02:ACPND       1.10      .103 No_date    3:32   33.90  n/a
     {MxStoUsed=.6227E-02}
001:0112--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:ND1ND2     84.93     1.826 No_date    3:32   23.19  n/a
                   +   06:SH2a        4.44      .431 No_date    3:34   32.60  n/a
     [DT= 2.00]  SUM=  03:T2a        89.37     2.256 No_date    3:32   23.65  n/a
001:0113--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T2a        89.37     2.256 No_date    3:32   23.65  n/a
                   +   08:SH3a        5.11      .338 No_date    3:32   24.71  n/a
     [DT= 2.00]  SUM=  04:T2b        94.48     2.594 No_date    3:32   23.71  n/a
001:0114--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:T2b        94.48     2.594 No_date    3:32   23.71  n/a
                   +   02:ACPND       1.10      .103 No_date    3:32   33.90  n/a
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     [DT= 2.00]  SUM=  05:T2c       95.58    2.697 No_date    3:32   23.83  n/a
001:0115--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T2c       95.58    2.697 No_date    3:32   23.83  n/a
                   +   09:CA3b       2.82     .249 No_date    3:30   30.26  n/a
     [DT= 2.00]  SUM=  03:TND2      98.40    2.919 No_date    3:32   24.01  n/a
.001:0116--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    03:TND2      98.40    2.919 No_date    3:32   24.01  n/a
       Major System /  04:CHAN       .00     .000 No_date    0:00    .00  n/a
       Minor System \  05:PIPE      98.40    2.919 No_date    3:32   24.01  n/a
001:0117--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:PIPE      98.40    2.919 No_date    3:32   24.01  n/a
     [RDT= 2.00] out<- 06:N3N4P     98.40    2.851 No_date    3:34   24.01  n/a
     [L/S/n=  640./ .600/.013]
     [Vmax= 3.044:Dmax=  .949]
     [Din= 1.20:Dused= 1.20]
001:0118--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:CHAN        .00     .000 No_date    0:00    .00  n/a
001:0119--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA1COM     5.30     .511 No_date    3:30   32.60 .876
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI= 146.:MNI=.013:SCI=   .0]
001:0120--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA1IND    10.99     .908 No_date    3:30   28.71 .772
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.10:LGI= 234.:MNI=.013:SCI=   .0]
001:0121--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:CA1COM     5.30     .511 No_date    3:30   32.60  n/a
                   +   05:CA1IND    10.99     .908 No_date    3:30   28.71  n/a
     [DT= 2.00]  SUM=  08:TOT1      16.29    1.419 No_date    3:30   29.97  n/a
001:0122--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:TOT1      16.29    1.419 No_date    3:30   29.97  n/a
     [LAG= 34.4 min]<- 09:SH1       16.29    1.419 No_date    4:04   29.97  n/a
001:0123--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:N2N3C      .00     .000 No_date    0:00    .00  n/a
                   +   09:SH1       16.29    1.419 No_date    4:04   29.97  n/a
     [DT= 2.00]  SUM=  02:T3a       16.29    1.419 No_date    4:04   29.97  n/a
001:0124--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA2IND     5.15     .426 No_date    3:30   28.71 .772
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.20:LGI= 227.:MNI=.013:SCI=   .0]
001:0125--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA2IND     5.15     .426 No_date    3:30   28.71  n/a
     [LAG= 37.7 min]<- 03:SH2b      5.15     .426 No_date    4:06   28.71  n/a
001:0126--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA4b      14.53     .432 No_date    3:38   17.80 .478
     [XIMP=.25:TIMP=.44]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  73.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .30:LGI= 466.:MNI=.013:SCI=   .0]
001:0127--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T3a       16.29    1.419 No_date    4:04   29.97  n/a
                   +   03:SH2b       5.15     .426 No_date    4:06   28.71  n/a
     [DT= 2.00]  SUM=  01:T3a       21.44    1.842 No_date    4:04   29.67  n/a
001:0128--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:T3a       21.44    1.842 No_date    4:04   29.67  n/a
                   +   04:CA4b      14.53     .432 No_date    3:38   17.80  n/a
     [DT= 2.00]  SUM=  03:T3b       35.97    2.169 No_date    4:04   24.87  n/a
001:0129--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:MALL      13.24     .917 No_date    3:32   30.10 .809
     [XIMP=.63:TIMP=.89]
     [LOSS= 2 :CN= 76.0]
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     [Pervious     area: IAper=5.00:SLPP=1.30:LGP= 120.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .20:LGI= 293.:MNI=.013:SCI=   .0]
001:0130--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:MALL      13.24     .917 No_date    3:32   30.10  n/a
       Major System /  02:CHAN       .30     .130 No_date    3:32   30.10  n/a
       Minor System \  04:PIPE      12.94     .787 No_date    3:24   30.10  n/a
001:0131--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T3b       35.97    2.169 No_date    4:04   24.87  n/a
                   +   02:CHAN        .30     .130 No_date    3:32   30.10  n/a
     [DT= 2.00]  SUM=  05:TND3      36.27    2.169 No_date    4:04   24.92  n/a
001:0132--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND3      36.27    2.169 No_date    4:04   24.92  n/a
     [RDT= 2.00] out<- 07:ND3ND4    36.27    2.147 No_date    4:04   24.92  n/a
     [L/S/n=  390./ .650/.035]
     [Vmax= 1.152:Dmax=  .431]
001:0133--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA5       15.85     .569 No_date    3:30   17.43 .469
     [XIMP=.32:TIMP=.47]
     [LOSS= 2 :CN= 69.0]
     [Pervious     area: IAper=5.00:SLPP=1.50:LGP= 103.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.40:LGI= 289.:MNI=.013:SCI=   .0]
001:0134--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA5       15.85     .569 No_date    3:30   17.43  n/a
     [LAG=  5.9 min]<- 09:SH5       15.85     .569 No_date    3:34   17.43  n/a
001:0135--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:CA6b      32.10     .682 No_date    3:34   16.60 .446
     [XIMP=.20:TIMP=.40]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP= .70:LGP= 135.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 539.:MNI=.013:SCI=   .0]
001:0136--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA6b      32.10     .682 No_date    3:34   16.60  n/a
                   +   09:SH5       15.85     .569 No_date    3:34   17.43  n/a
     [DT= 2.00]  SUM=  02:T56ND3    47.95    1.251 No_date    3:34   16.88  n/a
001:0137--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA7        2.90     .102 No_date    3:30   15.47 .416
     [XIMP=.33:TIMP=.38]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper=6.50:SLPP= .60:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 130.:MNI=.013:SCI=   .0]
001:0138--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:CA7        2.90     .102 No_date    3:30   15.47  n/a
     [LAG=  6.6 min]<- 01:SH7        2.90     .102 No_date    3:36   15.47  n/a
001:0139--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA8        8.01     .668 No_date    3:30   29.57 .795
     [XIMP=.73:TIMP=.84]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  60.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI=  95.:MNI=.013:SCI=   .0]
001:0140--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:CA8        8.01     .668 No_date    3:30   29.57  n/a
     [LAG= 21.3 min]<- 08:SH8        8.01     .668 No_date    3:50   29.57  n/a
001:0141--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA11       4.18     .144 No_date    3:32   17.28 .465
     [XIMP=.28:TIMP=.36]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 270.:MNI=.013:SCI=   .0]
001:0142--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:SH7        2.90     .102 No_date    3:36   15.47  n/a
                   +   08:SH8        8.01     .668 No_date    3:50   29.57  n/a
     [DT= 2.00]  SUM=  05:T7811a     10.91     .729 No_date    3:38   25.82  n/a
001:0143--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T7811a     10.91     .729 No_date    3:38   25.82  n/a
                   +   09:CA11       4.18     .144 No_date    3:32   17.28  n/a
     [DT= 2.00]  SUM=  03:T7811b     15.09     .858 No_date    3:36   23.45  n/a
001:0144--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            03:T7811b    15.09     .858 No_date    3:36   23.45  n/a
                     + 02:T56ND3    47.95    1.251 No_date    3:34   16.88  n/a
     [DT= 2.00]  SUM=  05:T7811     63.04    2.107 No_date    3:34   18.45  n/a
001:0145--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:ND3ND4    36.27    2.147 No_date    4:04   24.92  n/a
                     + 05:T7811     63.04    2.107 No_date    3:34   18.45  n/a
     [DT= 2.00]  SUM=  02:T56781    99.31    3.457 No_date    3:50   20.81  n/a
001:0146--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA3c       1.14     .063 No_date    3:30   21.40 .575
     [XIMP=.45:TIMP=.50]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.50:LGI=  80.:MNI=.013:SCI=   .0]
001:0147--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:CA3c       1.14     .063 No_date    3:30   21.40  n/a
     [RDT= 2.00] out<- 05:3cPIPE     1.14     .061 No_date    3:30   21.40  n/a
     [L/S/n=  240./ .200/.013]
     [Vmax=  .787:Dmax=  .195]
     [Din=  .60:Dused=  .60]
001:0148--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA4a       1.86     .159 No_date    3:30   29.23 .786
     [XIMP=.75:TIMP=.80]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  24.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  69.:MNI=.013:SCI=   .0]
001:0149--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:PIPE      12.94     .787 No_date    3:24   30.10  n/a
                     + 03:CA4a       1.86     .159 No_date    3:30   29.23  n/a
     [DT= 2.00]  SUM=  08:TMLL4a    14.80     .946 No_date    3:30   29.99  n/a
001:0150--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TMLL4a    14.80     .946 No_date    3:30   29.99  n/a
                     + 05:3cPIPE     1.14     .061 No_date    3:30   21.40  n/a
     [DT= 2.00]  SUM=  07:TMLL3c    15.94    1.007 No_date    3:30   29.38  n/a
001:0151--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:TMLL3c    15.94    1.007 No_date    3:30   29.38  n/a
     [RDT= 2.00] out<- 09:ML3CN4    15.94    1.003 No_date    3:30   29.38  n/a
     [L/S/n=  405./ .600/.013]
     [Vmax= 2.045:Dmax=  .255]
     [HGTH= 1.22:WDTH= 1.93]
001:0152--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA6IND     3.04     .250 No_date    3:30   28.71 .772
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  87.:MNI=.013:SCI=   .0]
001:0153--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:CA6IND     3.04     .250 No_date    3:30   28.71  n/a
                     + 09:ML3CN4    15.94    1.003 No_date    3:30   29.38  n/a
     [DT= 2.00]  SUM=  01:ML436a    18.98    1.253 No_date    3:30   29.27  n/a
001:0154--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T56781    99.31    3.457 No_date    3:50   20.81  n/a
                     + 01:ML436a    18.98    1.253 No_date    3:30   29.27  n/a
     [DT= 2.00]  SUM=  03:ML436b   118.29    4.251 No_date    3:50   22.17  n/a
001:0155--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:N3N4P     98.40    2.851 No_date    3:34   24.01  n/a
                     + 03:ML436b   118.29    4.251 No_date    3:50   22.17  n/a
     [DT= 2.00]  SUM=  04:TND4     216.69    6.796 No_date    3:32   23.01  n/a
001:0156--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 04:TND4     216.69    6.796 No_date    3:32   23.01  n/a
     [RDT= 2.00] out<- 02:ND4ND5   216.69    6.569 No_date    3:38   23.01  n/a
     [L/S/n=  697./ .650/.035]
     [Vmax= 2.169:Dmax= 1.370]
001:0157--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:MLLRE      1.26     .096 No_date    3:30   26.48 .712
     [XIMP=.60:TIMP=.74]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.90:LGP=  26.:MNP=.250:SCP=   .0]
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     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  73.:MNI=.013:SCI=   .0]
001:0158--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:MLLRE      1.26     .096 No_date    3:30   26.48  n/a
     [RDT= 2.00] out<- 04:MLLRCE     1.26     .066 No_date    3:34   26.48  n/a
     [MxStoUsed=.5568E-02]
001:0159--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 04:MLLRCE     1.26     .066 No_date    3:34   26.48  n/a
     [LAG= 18.8 min]<- 05:SHMLRE     1.26     .066 No_date    3:52   26.48  n/a
001:0160--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:MLLRW      1.73     .157 No_date    3:30   31.56 .849
     [XIMP=.82:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.35:LGP=  37.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .42:LGI= 120.:MNI=.013:SCI=   .0]
001:0161--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:MLLRW      1.73     .157 No_date    3:30   31.56  n/a
     [RDT= 2.00] out<- 07:MLLRCW     1.73     .121 No_date    3:34   31.56  n/a
     [MxStoUsed=.1283E-01]
001:0162--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 07:MLLRCW     1.73     .121 No_date    3:34   31.56  n/a
     [LAG= 13.4 min]<- 08:SHMLRW     1.73     .121 No_date    3:46   31.56  n/a
001:0163--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA9        7.85     .362 No_date    3:30   20.02 .538
     [XIMP=.42:TIMP=.43]
     [LOSS= 2 :CN= 75.0]
     [Pervious     area: IAper=5.00:SLPP=1.60:LGP=  96.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.70:LGI= 207.:MNI=.013:SCI=   .0]
001:0164--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TOTMLR     1.73     .121 No_date    3:46   31.56  n/a
                     + 05:SHMLRE     1.26     .066 No_date    3:52   26.48  n/a
     [DT= 2.00]  SUM=  08:TOTMLR     2.99     .186 No_date    3:48   29.42  n/a
001:0165--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:CA9        7.85     .362 No_date    3:30   20.02  n/a
                     + 08:TOTMLR     2.99     .186 No_date    3:48   29.42  n/a
     [DT= 2.00]  SUM=  03:T9MLR     10.84     .496 No_date    3:30   22.61  n/a
001:0166--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 03:T9MLR     10.84     .496 No_date    3:30   22.61  n/a
     [LAG= 19.3 min]<- 04:CA9        10.84     .496 No_date    3:48   22.61  n/a
001:0167--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA10IN     17.87    1.402 No_date    3:30   28.71 .772
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.20:LGI= 427.:MNI=.013:SCI=   .0]
001:0168--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA13       7.15     .337 No_date    3:30   20.54 .552
     [XIMP=.44:TIMP=.54]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  80.:MNI=.013:SCI=   .0]
001:0169--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA14       7.52     .257 No_date    3:30   16.43 .442
     [XIMP=.32:TIMP=.35]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 111.:MNI=.013:SCI=   .0]
001:0170--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:CA10IN     17.87    1.402 No_date    3:30   28.71  n/a
                     + 06:CA13       7.15     .337 No_date    3:30   20.54  n/a
     [DT= 2.00]  SUM=  08:T1013      25.02    1.739 No_date    3:30   26.37  n/a
001:0171--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:T1013      25.02    1.739 No_date    3:30   26.37  n/a
                     + 04:CA9        10.84     .496 No_date    3:48   22.61  n/a
     [DT= 2.00]  SUM=  03:T14        35.86    2.083 No_date    3:30   25.24  n/a
001:0172--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T14        35.86    2.083 No_date    3:30   25.24  n/a
                     + 07:CA14       7.52     .257 No_date    3:30   16.43  n/a
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     [DT= 2.00]  SUM=  04:T91013     43.38     2.340 No_date    3:30   23.
001:0173--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.
     ADD HYD           02:ND4ND5    216.69     6.569 No_date    3:38   23
                   +   04:T91013     43.38     2.340 No_date    3:30   2?
     [DT= 2.00]  SUM=  07:TND5      260.07     8.555 No_date    3:32
001:0174--------------ID:NHYD------AREA----QPEAK-TpeakDate_h
     ROUTE CHANNEL   -> 07:TND5      260.07     8.555 No_date
      [RDT= 2.00] out<- 08:ND5ND6    260.07     8.275 No_date
      [L/S/n=  578./1.640/.035]
      [Vmax= 1.799:Dmax= 1.494]
001:0175--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD      09:15WHZ       1.38      .023 No_date    3:40    7.20 .194
      [CN= 74.0: N= 3.00]
      [Tp=  .25:DT= 2.00]
001:0176--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD    02:15WRE      12.42      .630 No_date    3:30   20.01 .538
      [XIMP=.30:TIMP=.55]
      [LOSS= 2 :CN= 76.0]
      [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 221.:MNI=.013:SCI=    .0]
001:0177--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           02:15WRE      12.42      .630 No_date    3:30   20.01  n/a
                   +   09:15WHZ       1.38      .023 No_date    3:40    7.20  n/a
     [DT= 2.00]  SUM=  03:T15W      13.80      .647 No_date    3:30   18.73  n/a
001:0178--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD      04:15EHZ       3.15      .052 No_date    3:40    7.20 .194
      [CN= 74.0: N= 3.00]
      [Tp=  .25:DT= 2.00]
001:0179--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD    06:15EIND      4.89      .386 No_date    3:30   28.71 .772
      [XIMP=.75:TIMP=.75]
      [LOSS= 2 :CN= 76.0]
      [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 500.:MNI=.013:SCI=    .0]
001:0180--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           04:15EHZ       3.15      .052 No_date    3:40    7.20  n/a
                   +   06:15EIND      4.89      .386 No_date    3:30   28.71  n/a
     [DT= 2.00]  SUM=  07:T15E        8.04      .425 No_date    3:30   20.28  n/a
001:0181--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           07:T15E        8.04      .425 No_date    3:30   20.28  n/a
                   +   03:T15W      13.80      .647 No_date    3:30   18.73  n/a
     [DT= 2.00]  SUM=  09:T15EW     21.84     1.073 No_date    3:30   19.30  n/a
001:0182--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD    01:UNGAS        .99      .039 No_date    3:30   14.40 .387
      [XIMP=.22:TIMP=.22]
      [LOSS= 2 :CN= 74.0]
      [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  15.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=1.20:LGI=  90.:MNI=.013:SCI=    .0]
001:0183--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE RESERVOIR -> 01:UNGAS        .99      .039 No_date    3:30   14.40  n/a
      [RDT= 2.00] out<- 02:UNGPND       .99      .015 No_date    4:00   14.40  n/a
      [MxStoUsed=.5839E-02]
001:0184--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     SHIFT HYD       -> 02:UNGPND       .99      .015 No_date    4:00   14.40  n/a
      [LAG= 16.3 min)<- 03:SHUNGS       .99      .015 No_date    4:16   14.40  n/a
001:0185--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           09:T15EW      21.84     1.073 No_date    3:30   19.30  n/a
                   +   03:SHUNGS       .99      .015 No_date    4:16   14.40  n/a
     [DT= 2.00]  SUM=  04:T15        22.83     1.078 No_date    3:30   19.09  n/a
001:0186--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD    07:CA16I      26.59     2.006 No_date    3:30   28.71 .772
      [XIMP=.75:TIMP=.75]
      [LOSS= 2 :CN= 76.0]
      [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 551.:MNI=.013:SCI=    .0]
001:0187--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           07:CA16I      26.59     2.006 No_date    3:30   28.71  n/a
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                   +   04:T15        22.83     1.078 No_date    3:30   19.09  n/a
     [DT= 2.00]  SUM=  09:T1516      49.42     3.083 No_date    3:30   24.26  n/a
88--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           08:ND5ND6    260.07     8.275 No_date    3:38   23.12  n/a
                   +   09:T1516      49.42     3.083 No_date    3:30   24.26  n/a
     [DT= 2.00]  SUM=  03:TND6      309.49    11.121 No_date    3:34   23.31  n/a
001:0189--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 03:TND6      309.49    11.121 No_date    3:34   23.31  n/a
      [RDT= 2.00] out<- 02:ND6ND8    309.49    10.936 No_date    3:36   23.31  n/a
      [L/S/n=  503./1.290/.035]
      [Vmax= 2.686:Dmax= 1.197]
001:0190--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD    03:CA17RW      6.93      .355 No_date    3:30   20.01 .538
      [XIMP=.30:TIMP=.55]
      [LOSS= 2 :CN= 76.0]
      [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=3.80:LGI= 263.:MNI=.013:SCI=    .0]
001:0191--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD      05:17WOS       2.11      .054 No_date    3:34    8.82 .237
      [CN= 79.0: N= 3.00]
      [Tp=  .17:DT= 2.00]
001:0192--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           03:CA17RW      6.93      .355 No_date    3:30   20.01  n/a
                   +   05:17WOS       2.11      .054 No_date    3:34    8.82  n/a
     ]DT= 2.00]  SUM=  04:T17         9.04      .403 No_date    3:30   17.40  n/a
001:0193--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD    06:CA17RE      3.51      .179 No_date    3:30   20.01 .538
      [XIMP=.30:TIMP=.55]
      [LOSS= 2 :CN= 76.0]
      [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=2.40:LGI= 246.:MNI=.013:SCI=    .0]
001:0194--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD      08:17EOS       6.57      .167 No_date    3:34    8.82 .237
      [CN= 79.0: N= 3.00]
      [Tp=  .17:DT= 2.00]
001:0195--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           08:17EOS       6.57      .167 No_date    3:34    8.82  n/a
                   +   06:CA17RE      3.51      .179 No_date    3:30   20.01  n/a
     [DT= 2.00]  SUM=  01:T17        10.08      .335 No_date    3:32   12.71  n/a
001:0196--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           01:T17        10.08      .335 No_date    3:32   12.71  n/a
                   +   04:T17         9.04      .403 No_date    3:30   17.40  n/a
     [DT= 2.00]  SUM=  09:T17RES     19.12      .733 No_date    3:30   14.93  n/a
001:0197--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           02:ND6ND8    309.49    10.936 No_date    3:36   23.31  n/a
                   +   09:T17RES     19.12      .733 No_date    3:30   14.93  n/a
     [DT= 2.00]  SUM=  05:TND8      328.61    11.563 No_date    3:36   22.82  n/a
001:0198--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:TND8      328.61    11.563 No_date    3:36   22.82  n/a
      [RDT= 2.00] out<- 06:ND8ND9    328.61    11.407 No_date    3:38   22.82  n/a
      [L/S/n=  405./1.480/.045]
      [Vmax= 2.099:Dmax=  .974]
001:0199--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD      07:CA18       12.02      .175 No_date    3:54    8.41 .226
      [CN= 78.0: N= 3.00]
      [Tp=  .41:DT= 2.00]
001:0200--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           07:CA18       12.02      .175 No_date    3:54    8.41  n/a
                   +   06:ND8ND9    328.61    11.407 No_date    3:38   22.82  n/a
     [DT= 2.00]  SUM=  08:TND9      340.63    11.550 No_date    3:40   22.31  n/a
001:0201--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 08:TND9      340.63    11.550 No_date    3:40   22.31  n/a
      [RDT= 2.00] out<- 09:ND9ND1    340.63    11.393 No_date    3:42   22.31  n/a
      [L/S/n=  505./1.900/.045]
      [Vmax= 2.042:Dmax=  .752]
001:0202--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD      01:CA19        1.18      .024 No_date    3:34    7.20 .194
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     [CN= 74.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
 001:0203--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     02:CA20IN     7.54      .608 No_date    3:30   28.71 .772
      {XIMP=.75:TIMP=.75}
      ]LOSS= 2 :CN= 76.0]
      [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 194.:MNI=.013:SCI=    .0]
 001:0204--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:CA19       1.18      .024 No_date    3:34    7.20  n/a
                    +   02:CA20IN     7.54      .608 No_date    3:30   28.71  n/a
      ]DT= 2.00}  SUM=  03:T1920      8.72      .630 No_date    3:30   25.80  n/a
 001:0205--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            03:T1920      8.72      .630 No_date    3:30   25.80  n/a
                    +   09:ND9ND1   340.63   11.393 No_date    3:42   22.31  n/a
      [DT= 2.00]  SUM=  04:TND10    349.35   11.707 No_date    3:42   22.40  n/a
  ** END OF RUN :   1

*******************************************************************************




 RUN:COMMAND#
 002:0206--------------------------------------------------------------------------
     START
      ]TZERO =    .00 hrs on        0]
      ]METOUT=   2    (1=imperial, 2=metric output)]
      ]NSTORM=   1 ]
      ]NRUN  =   2 ]
*#*****************************************************************************
*#  Project Name: ]Owen Sound Drainage Study]    Project Number: [MCG 10665]
*#  Date        : 04-12-2007
*#  Modeller    : [T.Lozon]
*#  Company     : R.J. Burnside and Associates
*#  License #   :  3846413
 002:0208--------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  = 5-Year SCS Type-II Storm Distribution (6-hour) Owen Sound, O
      [SDT=30.00:SDUR=   6.50:PTOT= 48.30]
 002:0209--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:TRA7       1.82      .174 No_date    3:30   34.07 .705
      ]XIMP=.60:TIMP=.60]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP= .50:LGP=  70.:MNP=.030:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 170.:MNI=.013:SCI=    .0]
 002:0210--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:A8          .28      .026 No_date    3:30   31.02 .642
      ]XIMP=.50:TIMP=.50]
      [LOSS= 2 :CN= 77.0]
      ]Pervious     area: IAper=5.00:SLPP=2.00:LGP=  82.:MNP=.030:SCP=    .0}
      [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  82.:MNI=.013:SCI=    .0]
 002:0211--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 01:A8          .28      .026 No_date    3:30   31.02  n/a
  *   [RDT= 2.00] out<- 02:Pipe16      .28      .026 No_date    3:30   31.02  n/a
      [L/S/n=   15./2.000/.013]
      {Vmax= 1.355:Dmax=  .073}
      [Din=  .53:Dused=  .53}
 002:0212--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:Pipe16      .28      .026 No_date    3:30   31.02  n/a
                    +   04:TRA7       1.82      .174 No_date    3:30   34.07  n/a
      [DT= 2.00]  SUM=  03:TRA8       2.10      .200 No_date    3:30   33.67  n/a
 002:0213--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD     04:A9          .28      .018 No_date    3:30   18.79 .389
      {XIMP=.10:TIMP=.10]
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     [LOSS= 2 :CN= 77.0]
     ]Pervious     area: IAper=5.00:SLPP=4.10:LGP= 100.:MNP=.030:SCP=    .0]
     {Impervious   area: IAimp=2.00:SLPI=4.10:LGI=  35.:MNI=.013:SCI=    .0]
 002:0214--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 04:A9          .28      .018 No_date    3:30   18.79  n/a
  *   [RDT= 2.00] out<- 05:Pipe17      .28      .017 No_date    3:30   18.79  n/a
      [L/S/n=   29./2.000/.013]
      {Vmax= 1.214:Dmax=  .060}
      [Din=  .53:Dused=  .53}
 002:0215--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            05:Pipe17      .28      .017 No_date    3:30   18.79  n/a
                    +   03:TRA8       2.10      .200 No_date    3:30   33.67  n/a
      [DT= 2.00]  SUM=  06:TRA9       2.38      .217 No_date    3:30   31.89  n/a
 002:0216--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD     07:A10         .59      .055 No_date    3:30   31.02 .642
      [XIMP=.50:TIMP=.50}
      ]LOSS= 2 :CN= 77.0}
      ]Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=    .0]
      ]Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  73.:MNI=.013:SCI=    .0]
 002:0217--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 07:A10         .59      .055 No_date    3:30   31.02  n/a
  *   [RDT= 2.00] out<- 08:Pipe18      .59      .054 No_date    3:30   31.02  n/a
      [L/S/n=   60./2.000/.013]
      {Vmax= 1.726:Dmax=  .106}
      [Din=  .53:Dused=  .53}
 002:0218--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            08:Pipe18      .59      .054 No_date    3:30   31.02  n/a
                    +   06:TRA9       2.38      .217 No_date    3:30   31.89  n/a
      [DT= 2.00]  SUM=  09:TRA10      2.97      .272 No_date    3:30   31.72  n/a
 002:0219--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD     01:A11         .82      .076 No_date    3:30   31.02 .642
      ]XIMP=.50:TIMP=.50]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  67.:MNI=.013:SCI=    .0]
 002:0220--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 01:A11         .82      .076 No_date    3:30   31.02  n/a
  *   [RDT= 2.00] out<- 02:Pipe19      .82      .076 No_date    3:30   31.02  n/a
      ]L/S/n=   59./2.000/.013]
      {Vmax= 1.902:Dmax=  .125}
      [Din=  .53:Dused=  .53}
 002:0221--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            09:TRA10     2.97      .272 No_date    3:30   31.72  n/a
                    +   02:Pipe19      .82      .076 No_date    3:30   31.02  n/a
      ]DT= 2.00]  SUM=  03:TRA11     3.80      .348 No_date    3:30   31.57  n/a
 002:0222--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD     04:A12         .30      .020 No_date    3:30   21.85 .452
      [XIMP=.20:TIMP=.20}
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.030:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  58.:MNI=.013:SCI=    .0]
 002:0223--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 04:A12         .30      .020 No_date    3:30   21.85  n/a
  *   [RDT= 2.00] out<- 05:Pipe20      .30      .020 No_date    3:30   21.85  n/a
      ]L/S/n=   69./2.000/.013]
      {Vmax= 1.254:Dmax=  .064}
      [Din=  .53:Dused=  .53}
 002:0224--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            05:Pipe20      .30      .020 No_date    3:30   21.85  n/a
                    +   03:TRA11     3.80      .348 No_date    3:30   31.57  n/a
      ]DT= 2.00]  SUM=  06:TRA12     4.10      .368 No_date    3:30   30.86  n/a
 002:0225--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     07:A13         .31      .024 No_date    3:30   24.90 .516
      ]XIMP=.30:TIMP=.30]
      ]LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  68.:MNP=.030:SCP=    .0]
      ]Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  68.:MNI=.013:SCI=    .0]
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002:0226---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:A13          .31      .024 No_date    3:30   24.90  n/a
 *   [RDT= 2.00] out<- 08:Pipe21       .31      .023 No_date    3:30   24.90  n/a
     [L/S/n=   53./1.900/.013]
     {Vmax= 1.290:Dmax=  .070}
     [Din=  .53:Dused=  .53}
002:0227---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe21       .31      .023 No_date    3:30   24.90  n/a
                      + 06:TRA12       4.10      .368 No_date    3:30   30.86  n/a
     [DT= 2.00]  SUM=  09:TRA13       4.41      .391 No_date    3:30   30.44  n/a
002:0228---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:A14          .22      .018 No_date    3:30   24.90 .516
     {XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
002:0229---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A14          .22      .018 No_date    3:30   24.90  n/a
 *   {RDT= 2.00[ out<- 02:Pipe22       .22      .017 No_date    3:30   24.90  n/a
     {L/S/n=   52./1.250/.013]
     {Vmax= 1.025:Dmax=  .066}
     [Din=  .60:Dused=  .60}
002:0230---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:Pipe22       .22      .017 No_date    3:30   24.90  n/a
                      + 09:TRA13       4.41      .391 No_date    3:30   30.44  n/a
     [DT= 2.00]  SUM=  03:TRA14       4.63      .409 No_date    3:30   30.17  n/a
002:0231---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      04:A15          .24      .019 No_date    3:30   24.90 .516
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
002:0232---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:A15          .24      .019 No_date    3:30   24.90  n/a
 *   [RDT= 2.00] out<- 05:Pipe23       .24      .019 No_date    3:30   24.90  n/a
     [L/S/n=   10./ .500/.013]
     {Vmax=  .741:Dmax=  .079}
     [Din=  .75:Dused=  .75}
002:0233---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe23       .24      .019 No_date    3:30   24.90  n/a
                      + 03:TRA14       4.63      .409 No_date    3:30   30.17  n/a
     [DT= 2.00]  SUM=  06:TRA15       4.87      .427 No_date    3:30   29.91  n/a
002:0234---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:A101         3.00      .314 No_date    3:30   35.65 .738
     {XIMP=.60:TIMP=.60[
     [LOSS= 2 :CN= 83.0[
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 150.:MNI=.013:SCI=   .0]
002:0235---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A101         3.00      .314 No_date    3:30   35.65  n/a
 *   [RDT= 2.00] out<- 02:Pipe24       3.00      .313 No_date    3:30   35.65  n/a
     [L/S/n=   60./ .750/.013]
     {Vmax= 1.918:Dmax=  .273}
     [Din=  .90:Dused=  .90}
002:0236---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:Pipe24       3.00      .313 No_date    3:30   35.65  n/a
 *   [RDT= 2.00] out<- 03:Pipe25       3.00      .313 No_date    3:30   35.65  n/a
     [L/S/n=   36./ .400/.013]
     {Vmax= 1.547:Dmax=  .350}
     [Din=  .75:Dused=  .75}
002:0237---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             06:TRA15       4.87      .427 No_date    3:30   29.91  n/a
                      + 03:Pipe25       3.00      .313 No_date    3:30   35.65  n/a
     [DT= 2.00[  SUM=  04:TRA101      7.87      .740 No_date    3:30   32.10  n/a
002:0238---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:TRA101       7.87      .740 No_date    3:30   32.10  n/a
 *   [RDT= 2.00] out<- 05:Pipe26       7.87      .738 No_date    3:30   32.10  n/a
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     [L/S/n=   51./ .650/.013]
     {Vmax= 2.300:Dmax=  .453}
     [Din=  .90:Dused=  .90]
002:0239---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:A102         .74      .092 No_date    3:30   40.97 .848
     [XIMP=.80:TIMP=.80]
     [LOSS= 2 :CN= 83.0[
     {Pervious     area: IAper=5.00:SLPP=5.00:LGP=  70.:MNP=.013:SCP=   .0}
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
002:0240---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A102         .74      .092 No_date    3:30   40.97  n/a
 *   {RDT= 2.00} out<- 02:Pipe27       .74      .092 No_date    3:30   40.97  n/a
     {L/S/n=   42./1.000/.013[
     {Vmax= 1.605:Dmax=  .193}
     [Din=  .38:Dused=  .38}
002:0241---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe26      7.87      .738 No_date    3:30   32.10  n/a
                      + 02:Pipe27       .74      .092 No_date    3:30   40.97  n/a
     [DT= 2.00]  SUM=  04:8thSTR      8.61      .830 No_date    3:30   32.86  n/a
002:0242---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:8thSTR       8.61      .830 No_date    3:30   32.86  n/a
 *   [RDT= 2.00] out<- 05:Pipe28       8.61      .828 No_date    3:30   32.86  n/a
     [L/S/n=   88./3.260/.013]
     {Vmax= 4.326:Dmax=  .335}
     [Din=  .75:Dused=  .75}
002:0243---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      06:A103         2.55      .280 No_date    3:30   35.65 .738
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
002:0244---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:A103         2.55      .280 No_date    3:30   35.65  n/a
 *   {RDT= 2.00] out<- 07:Pipe29       2.55      .280 No_date    3:30   35.65  n/a
     {L/S/n=   65./2.800/.013]
     {Vmax= 3.035:Dmax=  .197}
     [Din=  .75:Dused=  .75}
002:0245---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe28      8.61      .828 No_date    3:30   32.86  n/a
                      + 07:Pipe29       2.55      .280 No_date    3:30   35.65  n/a
     [DT= 2.00]  SUM=  08:OSCVIb     11.16     1.109 No_date    3:30   33.50  n/a
002:0246---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      09:AREAB        6.03      .643 No_date    3:30   35.65 .738
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.50:LGP=  55.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI= 320.:MNI=.013:SCI=   .0]
002:0247---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:AREAB        6.03      .643 No_date    3:30   35.65  n/a
                      + 08:OSCVIb     11.16     1.109 No_date    3:30   33.50  n/a
     [DT= 2.00]  SUM=  01:OSCVI      17.19     1.751 No_date    3:30   34.25  n/a
002:0248---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:OSCVI      17.19     1.751 No_date    3:30   34.25  n/a
 *   [RDT= 2.00) out<- 02:Pipe30     17.19     1.746 No_date    3:30   34.25  n/a
     [L/S/n=  150./2.600/.013]
     {Vmax= 4.793:Dmax=  .502}
     [Din=  .90:Dused=  .90}
002:0249---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:HOSP         4.59      .315 No_date    3:32   24.99 .517
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 130.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 300.:MNI=.013:SCI=   .0]
002:0250---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:HOSP         4.59      .315 No_date    3:32   24.99  n/a
 *   [RDT= 2.00) out<- 04:Pipe31       4.59      .316 No_date    3:32   24.99  n/a
     [L/S/n=  118./6.000/.013]
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     (Vmax= 4.250:Dmax=  .239)
     (Din=  .38:Dused=  .38)
002:0251--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:Pipe31     4.59     .316 No_date    3:32   24.99  n/a
 *   (RDT= 2.00) out<- 05:Pipe32     4.59     .316 No_date    3:32   24.99  n/a
     (L/S/n=   70./1.100/.013)
     (Vmax= 2.265:Dmax=  .296)
     (Din=  .60:Dused=  .60)
002:0252--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:Pipe30    17.19    1.746 No_date    3:30   34.25  n/a
                    +   05:Pipe32     4.59     .316 No_date    3:32   24.99  n/a
     (DT= 2.00)  SUM=   06:TOTHSP    21.78    2.053 No_date    3:30   32.30  n/a
002:0253--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:TOTHSP    21.78    2.053 No_date    3:30   32.30  n/a
 *   (RDT= 2.00) out<- 07:Pipe33    21.78    2.051 No_date    3:30   32.30  n/a
     (L/S/n=   60./4.300/.013)
     (Vmax= 6.036:Dmax=  .475)
     (Din=  .90:Dused=  .90)
002:0254--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      08:104       4.20     .445 No_date    3:30   35.65 .738
     (XIMP=.60:TIMP=.60)
     (LOSS= 2 :CN= 83.0)
     (Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.013:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 300.:MNI=.013:SCI=   .0)
002:0255--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:Pipe33    21.78    2.051 No_date    3:30   32.30  n/a
                    +   08:104        4.20     .445 No_date    3:30   35.65  n/a
     (DT= 2.00)  SUM=   09:TOT104    25.98    2.496 No_date    3:30   32.84  n/a
002:0256--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 09:TOT104    25.98    2.496 No_date    3:30   32.84  n/a
 *   (RDT= 2.00) out<- 01:Pipe34    25.98    2.492 No_date    3:30   32.84  n/a
     (L/S/n=   59./1.300/.013)
     (Vmax= 4.044:Dmax=  .643)
     (Din= 1.20:Dused= 1.20)
002:0257--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:105       3.59     .292 No_date    3:30   26.33 .545
     (XIMP=.25:TIMP=.25)
     (LOSS= 2 :CN= 83.0)
     (Pervious     area: IAper=5.00:SLPP=4.00:LGP= 200.:MNP=.013:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=4.00:LGI= 200.:MNI=.013:SCI=   .0)
002:0258--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:105        3.59     .292 No_date    3:30   26.33  n/a
 *   (RDT= 2.00) out<- 03:Pipe35     3.59     .290 No_date    3:30   26.33  n/a
     (L/S/n=   70./ .750/.013)
     (Vmax= 1.926:Dmax=  .317)
     (Din=  .60:Dused=  .60)
002:0259--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe35     3.59     .290 No_date    3:30   26.33  n/a
 *   (RDT= 2.00) out<- 04:Pipe36     3.59     .287 No_date    3:30   26.33  n/a
     (L/S/n=  120./1.050/.013)
     (Vmax= 2.181:Dmax=  .286)
     (Din=  .60:Dused=  .60)
002:0260--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:105.2     2.44     .199 No_date    3:30   27.66 .573
     (XIMP=.30:TIMP=.30)
     (LOSS= 2 :CN= 83.0)
     (Pervious     area: IAper=5.00:SLPP=5.00:LGP= 300.:MNP=.013:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 300.:MNI=.013:SCI=   .0)
002:0261--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:Pipe36     3.59     .287 No_date    3:30   26.33  n/a
                    +   05:105.2      2.44     .199 No_date    3:30   27.66  n/a
     (DT= 2.00)  SUM=   06:T105.2     6.03     .486 No_date    3:30   26.87  n/a
002:0262--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:T105.2     6.03     .486 No_date    3:30   26.87  n/a
 *   (RDT= 2.00) out<- 07:Pipe37     6.03     .484 No_date    3:30   26.87  n/a
     (L/S/n=   75./2.800/.013)
     (Vmax= 3.582:Dmax=  .290)
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     (Din=  .60:Dused=  .60)
002:0263--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:Pipe37     6.03     .484 No_date    3:30   26.87  n/a
 *   (RDT= 2.00) out<- 08:Pipe38     6.03     .483 No_date    3:32   26.87  n/a
     (L/S/n=   69./2.200/.013)
     (Vmax= 3.269:Dmax=  .311)
     (Din=  .60:Dused=  .60)
002:0264--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *   CALIB STANDHYD      09:AREA A    2.34     .172 No_date    3:30   21.28 .441
     (XIMP=.01:TIMP=.10)
     (LOSS= 2 :CN= 83.0)
     (Pervious     area: IAper=5.00:SLPP=8.00:LGP= 190.:MNP=.030:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  10.:MNI=.013:SCI=   .0)
002:0265--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:AREA A    2.34     .172 No_date    3:30   21.28  n/a
                    +   08:Pipe38     6.03     .483 No_date    3:32   26.87  n/a
     (DT= 2.00)  SUM=   02:OSCVIA     8.37     .654 No_date    3:30   25.30  n/a
002:0266--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:OSCVIA     8.37     .654 No_date    3:30   25.30  n/a
 *   (RDT= 2.00) out<- 03:Pipe39     8.37     .652 No_date    3:30   25.30  n/a
     (L/S/n=   50./3.000/.013)
     (Vmax= 3.953:Dmax=  .340)
     (Din=  .60:Dused=  .60)
002:0267--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe39     8.37     .652 No_date    3:30   25.30  n/a
 *   (RDT= 2.00) out<- 04:Pipe40     8.37     .653 No_date    3:32   25.30  n/a
     (L/S/n=   30./1.000/.013)
     (Vmax= 2.617:Dmax=  .412)
     (Din=  .75:Dused=  .75)
002:0268--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:Pipe34    25.98    2.492 No_date    3:30   32.84  n/a
                    +   04:Pipe40     8.37     .653 No_date    3:32   25.30  n/a
     (DT= 2.00)  SUM=   05:16&10     34.35    3.143 No_date    3:30   31.01  n/a
002:0269--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16&10     34.35    3.143 No_date    3:30   31.01  n/a
 *   (RDT= 2.00) out<- 06:Pipe41    34.35    3.131 No_date    3:30   31.01  n/a
     (L/S/n=   80./ .600/.013)
     (Vmax= 3.203:Dmax=  .814)
     (Din= 1.50:Dused= 1.50)
002:0270--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *   CALIB STANDHYD      07:999       4.20     .188 No_date    3:30   24.99 .517
     (XIMP=.20:TIMP=.20)
     (LOSS= 2 :CN= 83.0)
     (Pervious     area: IAper=5.00:SLPP=3.00:LGP= 350.:MNP=.100:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=3.00:LGI=  60.:MNI=.013:SCI=   .0)
002:0271--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:999        4.20     .188 No_date    3:30   24.99  n/a
 *   (RDT= 2.00) out<- 08:Pipe42     4.20     .186 No_date    3:30   24.99  n/a
     (L/S/n=  100./3.000/.013)
     (Vmax= 2.894:Dmax=  .193)
     (Din=  .45:Dused=  .45)
002:0272--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe42     4.20     .186 No_date    3:30   24.99  n/a
                    +   06:Pipe41    34.35    3.131 No_date    3:30   31.01  n/a
     (DT= 2.00)  SUM=   09:TRA999    38.55    3.317 No_date    3:30   30.35  n/a
002:0273--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:106       1.95     .132 No_date    3:30   24.99 .517
     (XIMP=.20:TIMP=.20)
     (LOSS= 2 :CN= 83.0)
     (Pervious     area: IAper=5.00:SLPP=1.00:LGP=  50.:MNP=.100:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.00:LGI=  50.:MNI=.013:SCI=   .0)
002:0274--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:TRA999    38.55    3.317 No_date    3:30   30.35  n/a
                    +   01:106        1.95     .132 No_date    3:30   24.99  n/a
     (DT= 2.00)  SUM=   02:TRA106    40.50    3.450 No_date    3:30   30.09  n/a
002:0275--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 02:TRA106    40.50    3.450 No_date    3:30   30.09  n/a
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     [RDT= 2.00] out<- 03:CHAN-1     40.50     3.412 No_date    3:30   30.09  n/a
     [L/S/n=  150./2.000/.035]
     {Vmax= 2.074:Dmax=  .482}
002:0276--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:CHAN-1     40.50     3.412 No_date    3:30   30.09  n/a
     [RDT= 2.00] out<- 04:POND1      40.50      .311 No_date    5:12   30.09  n/a
    {MxStoUsed=.8788E+00}
002:0277--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:107.1        .96      .084 No_date    3:30   30.32 .628
     {XIMP=.40:TIMP=.40}
     ]LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     ]Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
002:0278--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:107.1        .96      .084 No_date    3:30   30.32  n/a
 *   ]RDT= 2.00] out<- 06:Pipe43       .96      .084 No_date    3:30   30.32  n/a
     ]L/S/n=   43./2.400/.013]
     [Vmax= 2.181:Dmax=  .161}
     [Din=  .30:Dused=  .30}
002:0279--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:107.2        .30      .026 No_date    3:30   30.32 .628
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
002:0280--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:107.2        .30      .026 No_date    3:30   30.32  n/a
                      + 06:Pipe43       .96      .084 No_date    3:30   30.32  n/a
     [DT= 2.00]  SUM=  08:T107.2      1.26      .110 No_date    3:30   30.32  n/a
002:0281--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 08:T107.2      1.26      .110 No_date    3:30   30.32  n/a
 *   [RDT= 2.00] out<- 09:Pipe44      1.26      .110 No_date    3:30   30.32  n/a
     [L/S/n=   65./2.200/.013]
     {Vmax= 2.254:Dmax=  .170}
     [Din=  .38:Dused=  .38}
002:0282--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:107.3        .30      .026 No_date    3:30   30.32 .628
     ]XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
002:0283--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:107.3        .30      .026 No_date    3:30   30.32  n/a
                      + 09:Pipe44      1.26      .110 No_date    3:30   30.32  n/a
     [DT= 2.00]  SUM=  02:T107.3      1.56      .136 No_date    3:30   30.32  n/a
002:0284--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:T107.3      1.56      .136 No_date    3:30   30.32  n/a
 *   [RDT= 2.00} out<- 03:Pipe45      1.56      .136 No_date    3:30   30.32  n/a
     [L/S/n=   55./1.900/.013]
     {Vmax= 2.242:Dmax=  .182}
     [Din=  .45:Dused=  .45}
002:0285--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:Pipe45      1.56      .136 No_date    3:30   30.32  n/a
                      + 04:POND1       40.50     .311 No_date    5:12   30.09  n/a
     [DT= 2.00]  SUM=  05:16+10       42.06      .366 No_date    3:30   30.10  n/a
002:0286--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16+10       42.06      .366 No_date    3:30   30.10  n/a
 *   [RDT= 2.00] out<- 06:Pipe46      42.06      .363 No_date    3:32   30.10  n/a
     [L/S/n=   94./ .600/.013]
     {Vmax= 1.790:Dmax=  .280}
     ]Din= 1.20:Dused= 1.20]
002:0287--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:900          7.25      .746 No_date    3:30   35.65 .738
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 100.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 100.:MNI=.013:SCI=   .0]
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002:0288--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:900          7.25      .746 No_date    3:30   35.65  n/a
     [RDT= 2.00] out<- 08:POND2        7.25      .468 No_date    3:32   35.65  n/a
    {MxStoUsed=.5798E-01}
002:0289--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 08:POND2        7.25      .468 No_date    3:32   35.65  n/a
 *   [RDT= 2.00] out<- 09:Pipe47       7.25      .465 No_date    3:34   35.65  n/a
     [L/S/n=  250./ .400/.013}
     {Vmax= 1.705:Dmax=  .447}
     [Din=  .75:Dused=  .75}
002:0290--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:Pipe47      7.25      .465 No_date    3:34   35.65  n/a
                      + 06:Pipe46     42.06      .363 No_date    3:32   30.10  n/a
     ]DT= 2.00]  SUM=  01:TRP2        49.31      .823 No_date    3:32   30.92  n/a
002:0291--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:108          1.10      .096 No_date    3:30   30.32 .628
     {XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
002:0292--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:TRP2        49.31      .823 No_date    3:32   30.92  n/a
                      + 02:108          1.10      .096 No_date    3:30   30.32  n/a
     ]DT= 2.00]  SUM=  03:T108        50.41      .909 No_date    3:30   30.90  n/a
002:0293--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:T108        50.41      .909 No_date    3:30   30.90  n/a
 *   ]RDT= 2.00] out<- 04:Pipe48       50.41      .904 No_date    3:30   30.90  n/a
     ]L/S/n=   60./ .580/.013]
     {Vmax= 2.304:Dmax=  .455}
     [Din= 1.20:Dused= 1.20]
002:0294--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:Pipe48       50.41      .904 No_date    3:30   30.90  n/a
 *   [RDT= 2.00] out<- 05:Pipe49       50.41      .904 No_date    3:32   30.90  n/a
     [L/S/n=   59./ .630/.013]
     {Vmax= 2.375:Dmax=  .444}
     ]Din= 1.20:Dused= 1.20}
002:0295--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:ANDPET      7.70      .545 No_date    3:30   28.36 .587
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 65.0]
     {Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.300:SCP=   .0]
     ]Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 100.:MNI=.013:SCI=   .0]
002:0296--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:ANDPET      7.70      .545 No_date    3:30   28.36  n/a
     ]RDT= 2.00] out<- 07:ANDPND      7.70      .387 No_date    3:32   28.36  n/a
    {MxStoUsed=.4422E-01}
002:0297--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:ANDPND      7.70      .387 No_date    3:32   28.36  n/a
 *   [RDT= 2.00] out<- 08:Pipe50       7.70      .385 No_date    3:32   28.36  n/a
     [L/S/n=   59./ .200/.013]
     {Vmax= 1.245:Dmax=  .497}
     [Din=  .75:Dused=  .75}
002:0298--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe49      50.41      .904 No_date    3:32   30.90  n/a
                      + 08:Pipe50       7.70      .385 No_date    3:32   28.36  n/a
     [DT= 2.00]  SUM=  09:TOTAND      58.11     1.289 No_date    3:32   30.57  n/a
002:0299--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:RETRES        .90      .083 No_date    3:30   33.02 .684
     [XIMP=.63:TIMP=.63]
     ]LOSS= 2 :CN= 65.0]
     ]Pervious     area: IAper=5.00:SLPP=1.00:LGP=  20.:MNP=.300:SCP=   .0]
     ]Impervious   area: IAimp=2.00:SLPI= .50:LGI=  65.:MNI=.013:SCI=   .0]
002:0300--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:RETRES        .90      .083 No_date    3:30   33.02  n/a
 *   [RDT= 2.00] out<- 02:POND3         .90      .091 No_date    3:30   33.02  n/a
    {MxStoUsed=.9104E-02}
002:0301--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            09:TOTAND    58.11    1.289 No_date    3:32   30.57  n/a
                  +  02:POND3        .90     .091 No_date    3:30   33.02  n/a
     [DT= 2.00]  SUM=  05:TOT16     59.01    1.372 No_date    3:30   30.60  n/a
002:0302--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:WLMRT     20.72    1.880 No_date    3:30   35.41 .733
     [XIMP=.65:TIMP=.65]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=4.20:LGP= 130.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 371.:MNI=.013:SCI=   .0]
002:0303--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:WEXT       1.58     .087 No_date    3:30   16.19 .335
     [CN= 78.0: N= 3.00]
     [Tp=  .11:DT= 2.00]
002:0304--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:WLMRT     20.72    1.880 No_date    3:30   35.41  n/a
                  +  07:WEXT        1.58     .087 No_date    3:30   16.19  n/a
     [DT= 2.00]  SUM=  08:TWLMRT    22.30    1.967 No_date    3:30   34.05  n/a
002:0305--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 08:TWLMRT    22.30    1.967 No_date    3:30   34.05  n/a
     [RDT= 2.00] out<- 09:WMRTPD    22.30     .738 No_date    3:56   34.05  n/a
     {MxStoUsed=.3222E+00}
002:0306--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 09:WMRTPD    22.30     .738 No_date    3:56   34.05  n/a
     [RDT= 2.00] out<- 01:16thST    22.30     .738 No_date    3:58   34.05  n/a
     [L/S/n=  180./ .580/.013]
     {Vmax= 2.195:Dmax=  .432}
     [Din= 1.05:Dused= 1.05]
002:0307--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CDNT       3.62     .473 No_date    3:30   44.74 .926
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  33.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.30:LGI= 273.:MNI=.013:SCI=   .0]
002:0308--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:TOT16     59.01    1.372 No_date    3:30   30.60  n/a
                  +  01:16thST      22.30     .738 No_date    3:58   34.05  n/a
     [DT= 2.00]  SUM=  04:TN1       81.31    1.939 No_date    3:32   31.55  n/a
002:0309--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:CDNT       3.62     .473 No_date    3:30   44.74  n/a
                  +  04:TN1         81.31    1.939 No_date    3:32   31.55  n/a
     [DT= 2.00]  SUM=  03:TND1      84.93    2.386 No_date    3:32   32.11  n/a
002:0310--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:TND1      84.93    2.386 No_date    3:32   32.11  n/a
     [RDT= 2.00] out<- 04:ND1ND2    84.93    2.396 No_date    3:32   32.11  n/a
     [L/S/n=  150./ .730/.013]
     {Vmax= 2.904:Dmax=  .424}
     {HGTH= 1.22:WDTH= 1.93}
002:0311--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA2COM     4.44     .565 No_date    3:30   43.19 .894
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=6.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.40:LGI= 149.:MNI=.013:SCI=   .0]
002:0312--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:CA2COM     4.44     .565 No_date    3:30   43.19  n/a
     [LAG=  5.7 min]<- 06:SH2a       4.44     .565 No_date    3:34   43.19  n/a
002:0313--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA3a       5.11     .474 No_date    3:30   33.95 .703
     [XIMP=.55:TIMP=.66]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=7.10:LGP=  28.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 248.:MNI=.013:SCI=   .0]
002:0314--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:CA3a       5.11     .474 No_date    3:30   33.95  n/a
     [LAG=  2.5 min]<- 08:SH3a       5.11     .474 No_date    3:32   33.95  n/a
002:0315--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA3b       2.82     .330 No_date    3:30   40.39 .836
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     [XIMP=.81:TIMP=.81]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  40.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .80:LGI= 118.:MNI=.013:SCI=   .0]
002:0316--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:ANDCOM     1.10     .145 No_date    3:30   44.74 .926
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  10.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 115.:MNI=.013:SCI=   .0]
002:0317--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:ANDCOM     1.10     .145 No_date    3:30   44.74  n/a
     [RDT= 2.00] out<- 02:ACPND      1.10     .136 No_date    3:30   44.74  n/a
     {MxStoUsed=.8208E-02}
002:0318--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:ND1ND2    84.93    2.396 No_date    3:32   32.11  n/a
                  +  06:SH2a        4.44     .565 No_date    3:34   43.19  n/a
     [DT= 2.00]  SUM=  03:T2a       89.37    2.960 No_date    3:32   32.66  n/a
002:0319--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T2a       89.37    2.960 No_date    3:32   32.66  n/a
                  +  08:SH3a        5.11     .474 No_date    3:32   33.95  n/a
     [DT= 2.00]  SUM=  04:T2b       94.48    3.433 No_date    3:32   32.73  n/a
002:0320--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:T2b       94.48    3.433 No_date    3:32   32.73  n/a
                  +  02:ACPND       1.10     .136 No_date    3:30   44.74  n/a
     [DT= 2.00]  SUM=  05:T2c       95.58    3.566 No_date    3:32   32.87  n/a
002:0321--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T2c       95.58    3.566 No_date    3:32   32.87  n/a
                  +  09:CA3b        2.82     .330 No_date    3:30   40.39  n/a
     [DT= 2.00]  SUM=  03:TND2      98.40    3.859 No_date    3:32   33.08  n/a
002:0322--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    03:TND2      98.40    3.859 No_date    3:32   33.08  n/a
      Major System /   04:CHAN       1.88     .839 No_date    3:32   33.08  n/a
      Minor System \   05:PIPE      96.52    3.020 No_date    3:18   33.08  n/a
002:0323--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:PIPE      96.52    3.020 No_date    3:18   33.08  n/a
     [RDT= 2.00] out<- 06:N3N4P     96.52    3.019 No_date    3:38   33.08  n/a
     [L/S/n=  640./ .600/.013]
     {Vmax= 3.043:Dmax=  .985}
     [Din= 1.20:Dused= 1.20]
002:0324--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:CHAN       1.88     .839 No_date    3:32   33.08  n/a
 *   [RDT= 2.00] out<- 07:N2N3C      1.88     .709 No_date    3:34   33.08  n/a
     [L/S/n=  240./ .650/.035]
     {Vmax=  .837:Dmax=  .255}
002:0325--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA1COM     5.30     .671 No_date    3:30   43.19 .894
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI= 146.:MNI=.013:SCI=   .0]
002:0326--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA1IND    10.99    1.218 No_date    3:30   38.52 .798
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.10:LGI= 234.:MNI=.013:SCI=   .0]
002:0327--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:CA1COM     5.30     .671 No_date    3:30   43.19  n/a
                  +  05:CA1IND     10.99    1.218 No_date    3:30   38.52  n/a
     [DT= 2.00]  SUM=  08:TOT1      16.29    1.888 No_date    3:30   40.04  n/a
002:0328--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:TOT1      16.29    1.888 No_date    3:30   40.04  n/a
     [LAG= 34.4 min]<- 09:SH1       16.29    1.888 No_date    4:04   40.04  n/a
002:0329--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:N2N3C      1.88     .709 No_date    3:34   33.08  n/a
                  +  09:SH1        16.29    1.888 No_date    4:04   40.04  n/a
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     [DT= 2.00]  SUM=  02:T3a       18.17    1.904 No_date    4:04   39.32  n/a
002:0330--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA2IND     5.15      .571 No_date    3:30   38.52 .798
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.20:LGI= 227.:MNI=.013:SCI=    .0]
002:0331--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA2IND     5.15      .571 No_date    3:30   38.52  n/a
     [LAG= 37.7 min]<- 03:SH2b       5.15      .571 No_date    4:06   38.52  n/a
002:0332--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA4b      14.53      .676 No_date    3:36   25.84 .535
     [XIMP=.25:TIMP=.44]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  73.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI= .30:LGI= 466.:MNI=.013:SCI=    .0]
002:0333--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T3a       18.17    1.904 No_date    4:04   39.32  n/a
                     + 03:SH2b       5.15      .571 No_date    4:06   38.52  n/a
     [DT= 2.00]  SUM=  01:T3a       23.32    2.470 No_date    4:04   39.14  n/a
002:0334--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:T3a       23.32    2.470 No_date    4:04   39.14  n/a
                     + 04:CA4b      14.53      .676 No_date    3:36   25.84  n/a
     [DT= 2.00]  SUM=  03:T3b       37.85    2.973 No_date    3:54   34.03  n/a
002:0335--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:MALL      13.24    1.287 No_date    3:32   40.64 .842
     [XIMP=.63:TIMP=.89[
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.30:LGP= 120.:MNP=.250:SCP=    .0[
     [Impervious   area: IAimp=2.00:SLPI= .20:LGI= 293.:MNI=.013:SCI=    .0]
002:0336--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:MALL      13.24    1.287 No_date    3:32   40.64  n/a
       Major System /  02:CHAN       1.49      .500 No_date    3:32   40.64  n/a
       Minor System \  04:PIPE      11.75      .787 No_date    3:14   40.64  n/a
002:0337--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T3b       37.85    2.973 No_date    3:54   34.03  n/a
                     + 02:CHAN       1.49      .500 No_date    3:32   40.64  n/a
     [DT= 2.00]  SUM=  05:TND3      39.34    2.996 No_date    3:44   34.28  n/a
002:0338--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND3      39.34    2.996 No_date    3:44   34.28  n/a
 *   [RDT= 2.00] out<- 07:ND3ND4    39.34    2.963 No_date    4:00   34.28  n/a
     [L/S/n=  390./ .650/.035]
     {Vmax= 1.275:Dmax=  .512}
002:0339--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA5       15.85      .797 No_date    3:30   24.87 .515
     {XIMP=.32:TIMP=.47]
     [LOSS= 2 :CN= 69.0[
     [Pervious     area: IAper=5.00:SLPP=1.50:LGP= 103.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.40:LGI= 289.:MNI=.013:SCI=    .0]
002:0340--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA5       15.85      .797 No_date    3:30   24.87  n/a
     [LAG=  5.9 min]<- 09:SH5       15.85      .797 No_date    3:34   24.87  n/a
002:0341--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:CA6b      32.10      .999 No_date    3:32   24.42 .506
     [XIMP=.20:TIMP=.40]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP= .70:LGP= 135.:MNP=.250:SCP=    .0[
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 539.:MNI=.013:SCI=    .0[
002:0342--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA6b      32.10      .999 No_date    3:32   24.42  n/a
                     + 09:SH5       15.85      .797 No_date    3:34   24.87  n/a
     [DT= 2.00]  SUM=  02:T56ND3    47.95    1.795 No_date    3:34   24.57  n/a
002:0343--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA7        2.90      .136 No_date    3:30   21.92 .454
     [XIMP=.33:TIMP=.38]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper=6.50:SLPP= .60:LGP=  82.:MNP=.250:SCP=    .0]
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     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 130.:MNI=.013:SCI=    .0]
002:0344--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:CA7        2.90      .136 No_date    3:30   21.92  n/a
     {LAG=  6.6 min[<- 01:SH7        2.90      .136 No_date    3:36   21.92  n/a
002:0345--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA8        8.01      .901 No_date    3:30   39.77 .823
     [XIMP=.73:TIMP=.84]
     [LOSS= 2 :CN= 76.0]
     {Pervious     area: IAper=5.00:SLPP=1.70:LGP=  60.:MNP=.250:SCP=    .0]
     {Impervious   area: IAimp=2.00:SLPI=1.10:LGI=  95.:MNI=.013:SCI=    .0]
002:0346--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:CA8        8.01      .901 No_date    3:30   39.77  n/a
     {LAG= 21.3 min]<- 08:SH8        8.01      .901 No_date    3:50   39.77  n/a
002:0347--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA11       4.18      .218 No_date    3:30   24.99 .517
     [XIMP=.28:TIMP=.36[
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  82.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 270.:MNI=.013:SCI=    .0]
002:0348--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:SH7        2.90      .136 No_date    3:36   21.92  n/a
                     + 08:SH8        8.01      .901 No_date    3:50   39.77  n/a
     [DT= 2.00]  SUM=  05:T7811a     10.91      .975 No_date    3:38   35.03  n/a
002:0349--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T7811a     10.91      .975 No_date    3:38   35.03  n/a
                     + 09:CA11       4.18      .218 No_date    3:30   24.99  n/a
     [DT= 2.00]  SUM=  03:T7811b     15.09    1.162 No_date    3:34   32.25  n/a
002:0350--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T7811b     15.09    1.162 No_date    3:34   32.25  n/a
                     + 02:T56ND3     47.95    1.795 No_date    3:34   24.57  n/a
     [DT= 2.00]  SUM=  05:T7811      63.04    2.957 No_date    3:34   26.41  n/a
002:0351--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:ND3ND4     39.34    2.963 No_date    4:00   34.28  n/a
                     + 05:T7811      63.04    2.957 No_date    3:34   26.41  n/a
     [DT= 2.00[  SUM=  02:T56781    102.38    5.260 No_date    3:50   29.43  n/a
002:0352--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA3c       1.14      .090 No_date    3:30   29.86 .618
     [XIMP=.45:TIMP=.50]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.50:LGI=  80.:MNI=.013:SCI=    .0]
002:0353--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:CA3c       1.14      .090 No_date    3:30   29.86  n/a
     [RDT= 2.00] out<- 05:3cPIPE     1.14      .087 No_date    3:30   29.86  n/a
     [L/S/n=  240./ .200/.013]
     {Vmax=  .868:Dmax=  .236}
     [Din=  .60:Dused=  .60]
002:0354--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA4a       1.86      .213 No_date    3:30   39.25 .813
     [XIMP=.75:TIMP=.80]
     [LOSS= 2 :CN= 76.0[
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  24.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  69.:MNI=.013:SCI=    .0]
002:0355--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:PIPE      11.75      .787 No_date    3:14   40.64  n/a
                     + 03:CA4a       1.86      .213 No_date    3:30   39.25  n/a
     [DT= 2.00]  SUM=  08:TMLL4a     13.61    1.000 No_date    3:30   40.45  n/a
002:0356--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TMLL4a     13.61    1.000 No_date    3:30   40.45  n/a
                     + 05:3cPIPE     1.14      .087 No_date    3:30   29.86  n/a
     [DT= 2.00]  SUM=  07:TMLL3c     14.75    1.087 No_date    3:30   39.64  n/a
002:0357--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:TMLL3c     14.75    1.087 No_date    3:30   39.64  n/a
     [RDT= 2.00] out<- 09:ML3CN4     14.75    1.082 No_date    3:30   39.64  n/a
     [L/S/n=  405./ .600/.013]
     {Vmax= 2.094:Dmax=  .267}
     {HGTH= 1.22:WDTH= 1.93}
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002:0358----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      08:CA6IND      3.04      .335 No_date     3:30    38.52 .798
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI= .60:LGI=  87.:MNI=.013:SCI=    .0]
002:0359----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:CA6IND      3.04      .335 No_date     3:30    38.52  n/a
                      + 09:ML3CN4     14.75     1.082 No_date     3:30    39.64  n/a
     [DT= 2.00)  SUM=   01:ML436a     17.79     1.417 No_date     3:30    39.45  n/a
002:0360----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:T56781    102.38     5.260 No_date     3:50    29.43  n/a
                      + 01:ML436a     17.79     1.417 No_date     3:30    39.45  n/a
     [DT= 2.00)  SUM=   03:ML436b    120.17     6.257 No_date     3:48    30.92  n/a
002:0361----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             06:N3N4P       96.52     3.019 No_date     3:38    33.08  n/a
                      + 03:ML436b    120.17     6.257 No_date     3:48    30.92  n/a
     [DT= 2.00)  SUM=   04:TND4     216.69     9.215 No_date     3:38    31.88  n/a
002:0362----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:TND4     216.69     9.215 No_date     3:38    31.88  n/a
     [RDT= 2.00) out<- 02:ND4ND5   216.69     9.114 No_date     3:44    31.88  n/a
     [L/S/n=  697./ .650/.035]
     (Vmax= 2.339:Dmax= 1.581)
002:0363----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:MLLRE       1.26      .133 No_date     3:30    36.13 .748
     [XIMP=.60:TIMP=.74]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.90:LGP=  26.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI= .70:LGI=  73.:MNI=.013:SCI=    .0]
002:0364----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:MLLRE       1.26      .133 No_date     3:30    36.13  n/a
     [RDT= 2.00) out<- 04:MLLRCE      1.26      .077 No_date     3:36    36.13  n/a
    (MxStoUsed=.1011E-01)
002:0365----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 04:MLLRCE      1.26      .077 No_date     3:36    36.13  n/a
     [LAG= 18.8 min]<- 05:SHMLRE      1.26      .077 No_date     3:54    36.13  n/a
002:0366----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:MLLRW       1.73      .210 No_date     3:30    42.11 .872
     [XIMP=.82:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.35:LGP=  37.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI= .42:LGI= 120.:MNI=.013:SCI=    .0]
002:0367----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:MLLRW       1.73      .210 No_date     3:30    42.11  n/a
     [RDT= 2.00) out<- 07:MLLRCW      1.73      .151 No_date     3:34    42.11  n/a
    (MxStoUsed=.1763E-01)
002:0368----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:MLLRCW      1.73      .151 No_date     3:34    42.11  n/a
     [LAG= 13.4 min]<- 08:SHMLRW      1.73      .151 No_date     3:46    42.11  n/a
002:0369----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      09:CA9         7.85      .499 No_date     3:30    28.07 .581
     [XIMP=.42:TIMP=.43]
     [LOSS= 2 :CN= 75.0]
     [Pervious      area: IAper=5.00:SLPP=1.60:LGP=  96.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=1.70:LGI= 207.:MNI=.013:SCI=    .0]
002:0370----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:TOTMLR      1.73      .151 No_date     3:46    42.11  n/a
                      + 05:SHMLRE      1.26      .077 No_date     3:54    36.13  n/a
     [DT= 2.00)  SUM=   08:TOTMLR      2.99      .225 No_date     3:48    39.59  n/a
002:0371----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:CA9         7.85      .499 No_date     3:30    28.07  n/a
                      + 08:TOTMLR      2.99      .225 No_date     3:48    39.59  n/a
     [DT= 2.00)  SUM=   03:T9MLR      10.84      .668 No_date     3:30    31.25  n/a
002:0372----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:T9MLR      10.84      .668 No_date     3:30    31.25  n/a
     [LAG= 19.3 min]<- 04:CA9        10.84      .668 No_date     3:48    31.25  n/a
002:0373----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
```



```
    CALIB STANDHYD      05:CA10IN     17.87     1.886 No_date     3:30    38.52 .798
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=1.20:LGI= 427.:MNI=.013:SCI=    .0]
002:0374----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:CA13        7.15      .449 No_date     3:30    28.85 .597
     [XIMP=.44:TIMP=.54]
     [LOSS= 2 :CN= 74.0]
     [Pervious      area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI= .60:LGI=  80.:MNI=.013:SCI=    .0]
002:0375----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:CA14        7.52      .344 No_date     3:30    23.74 .491
     [XIMP=.32:TIMP=.35]
     [LOSS= 2 :CN= 74.0]
     [Pervious      area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=1.80:LGI= 111.:MNI=.013:SCI=    .0]
002:0376----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:CA10IN     17.87     1.886 No_date     3:30    38.52  n/a
                      + 06:CA13        7.15      .449 No_date     3:30    28.85  n/a
     [DT= 2.00)  SUM=   08:T1013      25.02     2.335 No_date     3:30    35.76  n/a
002:0377----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:T1013      25.02     2.335 No_date     3:30    35.76  n/a
                      + 04:CA9        10.84      .668 No_date     3:48    31.25  n/a
     [DT= 2.00)  SUM=   03:T14        35.86     2.798 No_date     3:30    34.39  n/a
002:0378----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T14        35.86     2.798 No_date     3:30    34.39  n/a
                      + 07:CA14        7.52      .344 No_date     3:30    23.74  n/a
     [DT= 2.00)  SUM=   04:T91013     43.38     3.142 No_date     3:30    32.55  n/a
002:0379----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:ND4ND5    216.69     9.114 No_date     3:44    31.88  n/a
                      + 04:T91013     43.38     3.142 No_date     3:30    32.55  n/a
     [DT= 2.00)  SUM=   07:TND5      260.07    11.459 No_date     3:32    31.99  n/a
002:0380----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 07:TND5      260.07    11.459 No_date     3:32    31.99  n/a
     [RDT= 2.00) out<- 08:ND5ND6    260.07    11.212 No_date     3:38    31.99  n/a
     [L/S/n=  578./1.640/.035]
     (Vmax= 1.981:Dmax= 1.630)
002:0381----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        09:15WHZ       1.38      .042 No_date     3:38    12.54 .260
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
002:0382----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:15WRE      12.42      .944 No_date     3:30    28.61 .592
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=1.80:LGI= 221.:MNI=.013:SCI=    .0]
002:0383----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:15WRE      12.42      .944 No_date     3:30    28.61  n/a
                      + 09:15WHZ       1.38      .042 No_date     3:38    12.54  n/a
     [DT= 2.00)  SUM=   03:T15W       13.80      .977 No_date     3:30    27.00  n/a
002:0384----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        04:15EHZ       3.15      .095 No_date     3:38    12.54 .260
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
002:0385----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:15EIND      4.89      .519 No_date     3:30    38.52 .798
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=2.00:LGI= 500.:MNI=.013:SCI=    .0]
002:0386----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:15EHZ       3.15      .095 No_date     3:38    12.54  n/a
                      + 06:15EIND      4.89      .519 No_date     3:30    38.52  n/a
     [DT= 2.00)  SUM=   07:T15E        8.04      .595 No_date     3:30    28.34  n/a
002:0387----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            07:T15E       8.04     .595 No_date    3:30   28.34  n/a
                   +   03:T15W      13.80     .977 No_date    3:30   27.00  n/a
     [DT= 2.00]  SUM=  09:T15EW     21.84    1.572 No_date    3:30   27.50  n/a
002:0388--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:UNGAS       .99     .061 No_date    3:30   21.22 .439
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  15.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.20:LGI=  90.:MNI=.013:SCI=   .0]
002:0389--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:UNGAS       .99     .061 No_date    3:30   21.22  n/a
     [RDT= 2.00] out<- 02:UNGPND      .99     .020 No_date    4:02   21.22  n/a
     [MxStoUsed=.9024E-02]
002:0390--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 02:UNGPND      .99     .020 No_date    4:02   21.22  n/a
     [LAG= 16.3 min]<- 03:SHUNGS      .99     .020 No_date    4:18   21.22  n/a
002:0391--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:T15EW     21.84    1.572 No_date    3:30   27.50  n/a
                   +   03:SHUNGS      .99     .020 No_date    4:18   21.22  n/a
     [DT= 2.00]  SUM=  04:T15       22.83    1.579 No_date    3:30   27.22  n/a
002:0392--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA16I      26.59    2.712 No_date    3:30   38.52 .798
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 551.:MNI=.013:SCI=   .0]
002:0393--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:CA16I      26.59    2.712 No_date    3:30   38.52  n/a
                   +   04:T15       22.83    1.579 No_date    3:30   27.22  n/a
     [DT= 2.00]  SUM=  09:T1516     49.42    4.291 No_date    3:30   33.30  n/a
002:0394--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:ND5ND6   260.07   11.212 No_date    3:38   31.99  n/a
                   +   09:T1516     49.42    4.291 No_date    3:30   33.30  n/a
     [DT= 2.00]  SUM=  03:TND6     309.49   15.112 No_date    3:34   32.20  n/a
002:0395--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 03:TND6     309.49   15.112 No_date    3:34   32.20  n/a
     [RDT= 2.00] out<- 02:ND6ND8   309.49   14.933 No_date    3:36   32.20  n/a
     [L/S/n=  503./1.290/.035]
     [Vmax= 2.885:Dmax= 1.393]
002:0396--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA17RW      6.93     .542 No_date    3:30   28.61 .592
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.80:LGI= 263.:MNI=.013:SCI=   .0]
002:0397--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:17WOS       2.11     .095 No_date    3:34   15.06 .312
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
002:0398--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:CA17RW      6.93     .542 No_date    3:30   28.61  n/a
                   +   05:17WOS       2.11     .095 No_date    3:34   15.06  n/a
     [DT= 2.00]  SUM=  04:T17         9.04     .630 No_date    3:30   25.45  n/a
002:0399--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA17RE      3.51     .267 No_date    3:30   28.61 .592
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.40:LGI= 246.:MNI=.013:SCI=   .0]
002:0400--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       08:17EOS       6.57     .295 No_date    3:34   15.06 .312
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
002:0401--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:17EOS       6.57     .295 No_date    3:34   15.06  n/a
                   +   06:CA17RE      3.51     .267 No_date    3:30   28.61  n/a
     [DT= 2.00]  SUM=  01:T17        10.08     .548 No_date    3:32   19.78  n/a
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002:0402--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:T17        10.08     .548 No_date    3:32   19.78  n/a
                   +   04:T17         9.04     .630 No_date    3:30   25.45  n/a
     [DT= 2.00]  SUM=  09:T17RES     19.12    1.172 No_date    3:30   22.46  n/a
002:0403--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:ND6ND8   309.49   14.933 No_date    3:36   32.20  n/a
                   +   09:T17RES     19.12    1.172 No_date    3:30   22.46  n/a
     [DT= 2.00]  SUM=  05:TND8      328.61   15.935 No_date    3:36   31.64  n/a
002:0404--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND8      328.61   15.935 No_date    3:36   31.64  n/a
     [RDT= 2.00] out<- 06:ND8ND9    328.61   15.773 No_date    3:38   31.64  n/a
     [L/S/n=  405./1.480/.045]
     [Vmax= 2.286:Dmax= 1.135]
002:0405--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:CA18       12.02     .314 No_date    3:52   14.45 .299
     [CN= 78.0: N= 3.00]
     [Tp=  .41:DT= 2.00]
002:0406--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:CA18       12.02     .314 No_date    3:52   14.45  n/a
                   +   06:ND8ND9    328.61   15.773 No_date    3:38   31.64  n/a
     [DT= 2.00]  SUM=  08:TND9      340.63   16.035 No_date    3:38   31.03  n/a
002:0407--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 08:TND9      340.63   16.035 No_date    3:38   31.03  n/a
     [RDT= 2.00] out<- 09:ND9ND1    340.63   15.838 No_date    3:40   31.03  n/a
     [L/S/n=  505./1.900/.045]
     [Vmax= 2.290:Dmax=  .871]
002:0408--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:CA19        1.18     .043 No_date    3:34   12.54 .260
     [CN= 74.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
002:0409--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CA20IN      7.54     .815 No_date    3:30   38.52 .798
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 194.:MNI=.013:SCI=   .0]
002:0410--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA19        1.18     .043 No_date    3:34   12.54  n/a
                   +   02:CA20IN      7.54     .815 No_date    3:30   38.52  n/a
     [DT= 2.00]  SUM=  03:T1920       8.72     .855 No_date    3:30   35.00  n/a
002:0411--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T1920       8.72     .855 No_date    3:30   35.00  n/a
                   +   09:ND9ND1    340.63   15.838 No_date    3:40   31.03  n/a
     [DT= 2.00]  SUM=  04:TND10     349.35   16.306 No_date    3:40   31.13  n/a
 ** END OF RUN :   2

*******************************************************************************



 RUN:COMMAND#
 003:0413-------------------------------------------------------------------------
     START
      [TZERO =     .00 hrs on        0]
      [METOUT=    2    (1=imperial, 2=metric output)]
      [NSTORM=    1 ]
      [NRUN  =    3 ]
*#*****************************************************************************
*#  Project Name: [Owen Sound Drainage Study]    Project Number: [MCG 10665]
*#  Date        : 04-12-2007
*#  Modeller    : [T.Lozon]
*#  Company     : R.J. Burnside and Associates
*#  License #   :  3846413
 003:0415-------------------------------------------------------------------------
     READ STORM
```

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     Filename = STORM.001
     Comment  = 10-Year SCS Type-II Storm Distribution (6-hour) Owen Sound,
     [SDT=30.00:SDUR=   6.50:PTOT= 55.70]
003:0416--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:TRA7       1.82      .208 No_date    3:30   40.34 .724
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP= .50:LGP=  70.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 170.:MNI=.013:SCI=   .0]
003:0417--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:A8          .28      .031 No_date    3:30   37.00 .664
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  82.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  82.:MNI=.013:SCI=   .0]
003:0418--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A8          .28      .031 No_date    3:30   37.00  n/a
 *   [RDT= 2.00] out<- 02:Pipe16       .28      .031 No_date    3:30   37.00  n/a
     [L/S/n=   15./2.000/.013]
     [Vmax= 1.458:Dmax=  .080]
     [Din=  .53:Dused=  .53]
003:0419--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe16       .28      .031 No_date    3:30   37.00  n/a
                     + 04:TRA7       1.82      .208 No_date    3:30   40.34  n/a
     [DT= 2.00]  SUM=  03:TRA8       2.10      .239 No_date    3:30   39.90  n/a
003:0420--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A9          .28      .022 No_date    3:30   23.65 .425
     [XIMP=.10:TIMP=.10]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=4.10:LGP= 100.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI=  35.:MNI=.013:SCI=   .0]
003:0421--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A9          .28      .022 No_date    3:30   23.65  n/a
 *   [RDT= 2.00] out<- 05:Pipe17       .28      .022 No_date    3:30   23.65  n/a
     [L/S/n=   29./2.000/.013]
     [Vmax= 1.291:Dmax=  .067]
     [Din=  .53:Dused=  .53]
003:0422--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe17       .28      .022 No_date    3:30   23.65  n/a
                     + 03:TRA8       2.10      .239 No_date    3:30   39.90  n/a
     [DT= 2.00]  SUM=  06:TRA9       2.38      .262 No_date    3:30   37.96  n/a
003:0423--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:A10         .59      .065 No_date    3:30   37.00 .664
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  73.:MNI=.013:SCI=   .0]
003:0424--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:A10         .59      .065 No_date    3:30   37.00  n/a
 *   [RDT= 2.00] out<- 08:Pipe18       .59      .065 No_date    3:30   37.00  n/a
     [L/S/n=   60./2.000/.013]
     [Vmax= 1.825:Dmax=  .116]
     [Din=  .53:Dused=  .53]
003:0425--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe18       .59      .065 No_date    3:30   37.00  n/a
                     + 06:TRA9       2.38      .262 No_date    3:30   37.96  n/a
     [DT= 2.00]  SUM=  09:TRA10      2.97      .327 No_date    3:30   37.77  n/a
003:0426--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A11         .82      .091 No_date    3:30   37.00 .664
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  67.:MNI=.013:SCI=   .0]
003:0427--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A11         .82      .091 No_date    3:30   37.00  n/a
 *   [RDT= 2.00] out<- 02:Pipe19       .82      .091 No_date    3:30   37.00  n/a
     [L/S/n=   59./2.000/.013]
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     [Vmax= 2.021:Dmax=  .137]
     [Din=  .53:Dused=  .53]
003:0428--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TRA10      2.97      .327 No_date    3:30   37.77  n/a
                     + 02:Pipe19       .82      .091 No_date    3:30   37.00  n/a
     [DT= 2.00]  SUM=  03:TRA11      3.80      .418 No_date    3:30   37.61  n/a
003:0429--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A12          .30      .026 No_date    3:30   26.99 .485
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  58.:MNI=.013:SCI=   .0]
003:0430--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A12          .30      .026 No_date    3:30   26.99  n/a
 *   [RDT= 2.00] out<- 05:Pipe20       .30      .025 No_date    3:30   26.99  n/a
     [L/S/n=   69./2.000/.013]
     [Vmax= 1.351:Dmax=  .072]
     [Din=  .53:Dused=  .53]
003:0431--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe20       .30      .025 No_date    3:30   26.99  n/a
                     + 03:TRA11      3.80      .418 No_date    3:30   37.61  n/a
     [DT= 2.00]  SUM=  06:TRA12      4.10      .443 No_date    3:30   36.83  n/a
003:0432--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:A13          .31      .030 No_date    3:30   30.33 .544
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  68.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  68.:MNI=.013:SCI=   .0]
003:0433--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:A13          .31      .030 No_date    3:30   30.33  n/a
 *   [RDT= 2.00] out<- 08:Pipe21       .31      .029 No_date    3:30   30.33  n/a
     [L/S/n=   53./1.900/.013]
     [Vmax= 1.405:Dmax=  .079]
     [Din=  .53:Dused=  .53]
003:0434--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe21       .31      .029 No_date    3:30   30.33  n/a
                     + 06:TRA12      4.10      .443 No_date    3:30   36.83  n/a
     [DT= 2.00]  SUM=  09:TRA13      4.41      .473 No_date    3:30   36.37  n/a
003:0435--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A14          .22      .022 No_date    3:30   30.33 .544
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
003:0436--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A14          .22      .022 No_date    3:30   30.33  n/a
 *   [RDT= 2.00] out<- 02:Pipe22       .22      .021 No_date    3:30   30.33  n/a
     [L/S/n=   52./1.250/.013]
     [Vmax= 1.071:Dmax=  .072]
     [Din=  .60:Dused=  .60]
003:0437--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe22       .22      .021 No_date    3:30   30.33  n/a
                     + 09:TRA13      4.41      .473 No_date    3:30   36.37  n/a
     [DT= 2.00]  SUM=  03:TRA14      4.63      .494 No_date    3:30   36.08  n/a
003:0438--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A15          .24      .023 No_date    3:30   30.33 .544
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
003:0439--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A15          .24      .023 No_date    3:30   30.33  n/a
 *   [RDT= 2.00] out<- 05:Pipe23       .24      .023 No_date    3:30   30.33  n/a
     [L/S/n=   10./ .500/.013]
     [Vmax=  .771:Dmax=  .086]
     [Din=  .75:Dused=  .75]
003:0440--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            05:Pipe23      .24     .023 No_date    3:30   30.33  n/a
                     + 03:TRA14       4.63    .494 No_date    3:30   36.08  n/a
     [DT= 2.00]  SUM=  06:TRA15       4.87    .517 No_date    3:30   35.80  n/a
003:0441--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:A101        3.00    .373 No_date    3:30   42.23 .758
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     ]Pervious     area: IAper=5.00:SLPP=1.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 150.:MNI=.013:SCI=   .0]
003:0442--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A101       3.00    .373 No_date    3:30   42.23  n/a
 *   [RDT= 2.00] out<- 02:Pipe24      3.00    .372 No_date    3:30   42.23  n/a
     [L/S/n=   60./ .750/.013]
     {Vmax= 2.015:Dmax=  .298}
     [Din=  .90:Dused=  .90}
003:0443--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:Pipe24     3.00    .372 No_date    3:30   42.23  n/a
 *   [RDT= 2.00] out<- 03:Pipe25      3.00    .372 No_date    3:30   42.23  n/a
     [L/S/n=   36./ .400/.013]
     {Vmax= 1.615:Dmax=  .387}
     [Din=  .75:Dused=  .75}
003:0444--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:TRA15       4.87    .517 No_date    3:30   35.80  n/a
                     + 03:Pipe25      3.00    .372 No_date    3:30   42.23  n/a
     [DT= 2.00]  SUM=  04:TRA101      7.87    .889 No_date    3:30   38.25  n/a
003:0445--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:TRA101     7.87    .889 No_date    3:30   38.25  n/a
 *   [RDT= 2.00] out<- 05:Pipe26      7.87    .887 No_date    3:30   38.25  n/a
     [L/S/n=   51./ .650/.013]
     {Vmax= 2.405:Dmax=  .507}
     [Din=  .90:Dused=  .90}
003:0446--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A102         .74    .107 No_date    3:30   47.96 .861
     [XIMP=.80:TIMP=.80]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  70.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
003:0447--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A102         .74    .107 No_date    3:30   47.96  n/a
 *   [RDT= 2.00] out<- 02:Pipe27        .74    .107 No_date    3:30   47.96  n/a
     [L/S/n=   42./1.000/.013]
     {Vmax= 1.666:Dmax=  .212}
     [Din=  .38:Dused=  .38}
003:0448--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe26      7.87    .887 No_date    3:30   38.25  n/a
                     + 02:Pipe27        .74    .107 No_date    3:30   47.96  n/a
     ]DT= 2.00]  SUM=  04:8thSTR      8.61    .994 No_date    3:30   39.09  n/a
003:0449--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:8thSTR     8.61    .994 No_date    3:30   39.09  n/a
 *   [RDT= 2.00] out<- 05:Pipe28      8.61    .992 No_date    3:30   39.09  n/a
     [L/S/n=   88./3.260/.013]
     {Vmax= 4.533:Dmax=  .372}
     [Din=  .75:Dused=  .75}
003:0450--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     06:A103        2.55    .334 No_date    3:30   42.23 .758
     ]XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
003:0451--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:A103       2.55    .334 No_date    3:30   42.23  n/a
 *   [RDT= 2.00] out<- 07:Pipe29      2.55    .334 No_date    3:30   42.23  n/a
     [L/S/n=   65./2.800/.013]
     {Vmax= 3.175:Dmax=  .214}
     [Din=  .75:Dused=  .75}
003:0452--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe28      8.61    .992 No_date    3:30   39.09  n/a
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                     + 07:Pipe29      2.55    .334 No_date    3:30   42.23  n/a
     [DT= 2.00]  SUM=  08:OSCVIb     11.16   1.326 No_date    3:30   39.80  n/a
003:0453--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:AREAB       6.03    .763 No_date    3:30   42.23 .758
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.50:LGP=  55.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI= 320.:MNI=.013:SCI=   .0]
003:0454--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:AREAB       6.03    .763 No_date    3:30   42.23  n/a
                     + 08:OSCVIb     11.16   1.326 No_date    3:30   39.80  n/a
     [DT= 2.00]  SUM=  01:OSCVI      17.19   2.089 No_date    3:30   40.66  n/a
003:0455--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:OSCVI     17.19   2.089 No_date    3:30   40.66  n/a
 *   [RDT= 2.00] out<- 02:Pipe30      17.19   2.084 No_date    3:30   40.66  n/a
     [L/S/n=  150./2.600/.013]
     {Vmax= 4.989:Dmax=  .563}
     [Din=  .90:Dused=  .90}
003:0456--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:HOSP        4.59    .404 No_date    3:32   30.76 .552
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 130.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 300.:MNI=.013:SCI=   .0]
003:0457--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:HOSP        4.59    .404 No_date    3:32   30.76  n/a
 *   [RDT= 2.00] out<- 04:Pipe31      4.59    .405 No_date    3:32   30.76  n/a
     [L/S/n=  118./6.000/.013]
     {Vmax= 4.421:Dmax=  .289}
     [Din=  .38:Dused=  .38}
003:0458--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:Pipe31      4.59    .405 No_date    3:32   30.76  n/a
 *   [RDT= 2.00] out<- 05:Pipe32      4.59    .405 No_date    3:32   30.76  n/a
     [L/S/n=   70./1.100/.013]
     {Vmax= 2.407:Dmax=  .345}
     [Din=  .60:Dused=  .60}
003:0459--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe30     17.19   2.084 No_date    3:30   40.66  n/a
                     + 05:Pipe32      4.59    .405 No_date    3:32   30.76  n/a
     [DT= 2.00]  SUM=  06:TOTHSP     21.78   2.481 No_date    3:30   38.57  n/a
003:0460--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:TOTHSP    21.78   2.481 No_date    3:30   38.57  n/a
 *   [RDT= 2.00] out<- 07:Pipe33      21.78   2.477 No_date    3:30   38.57  n/a
     [L/S/n=   60./4.300/.013]
     {Vmax= 6.304:Dmax=  .534}
     [Din=  .90:Dused=  .90}
003:0461--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:104         4.20    .529 No_date    3:30   42.23 .758
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 300.:MNI=.013:SCI=   .0]
003:0462--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:Pipe33     21.78   2.477 No_date    3:30   38.57  n/a
                     + 08:104         4.20    .529 No_date    3:30   42.23  n/a
     [DT= 2.00]  SUM=  09:TOT104     25.98   3.007 No_date    3:30   39.16  n/a
003:0463--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 09:TOT104    25.98   3.007 No_date    3:30   39.16  n/a
 *   [RDT= 2.00] out<- 01:Pipe34      25.98   3.002 No_date    3:30   39.16  n/a
     ]L/S/n=   59./1.300/.013]
     {Vmax= 4.220:Dmax=  .723}
     ]Din= 1.20:Dused= 1.20}
003:0464--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:105         3.59    .361 No_date    3:30   32.19 .578
     ]XIMP=.25:TIMP=.25]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=4.00:LGP= 200.:MNP=.013:SCP=   .0]
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     [Impervious   area: IAimp=2.00:SLPI=4.00:LGI= 200.:MNI=.013:SCI=   .0]
003:0465--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:105        3.59     .361 No_date    3:30   32.19  n/a
 *   [RDT= 2.00] out<- 03:Pipe35     3.59     .359 No_date    3:30   32.19  n/a
     [L/S/n=   70./ .750/.013]
     {Vmax= 2.021:Dmax=  .363}
     [Din=  .60:Dused=  .60]
003:0466--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe35     3.59     .359 No_date    3:30   32.19  n/a
 *   [RDT= 2.00] out<- 04:Pipe36     3.59     .355 No_date    3:30   32.19  n/a
     [L/S/n=  120./1.050/.013]
     {Vmax= 2.297:Dmax=  .325}
     [Din=  .60:Dused=  .60]
003:0467--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:105.2      2.44     .249 No_date    3:30   33.63 .604
     {XIMP=.30:TIMP=.30}
     {LOSS= 2 :CN= 83.0}
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 300.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 300.:MNI=.013:SCI=   .0]
003:0468--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:Pipe36     3.59     .355 No_date    3:30   32.19  n/a
                     +  05:105.2      2.44     .249 No_date    3:30   33.63  n/a
     [DT= 2.00]  SUM=   06:T105.2     6.03     .605 No_date    3:30   32.77  n/a
003:0469--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:T105.2     6.03     .605 No_date    3:30   32.77  n/a
 *   [RDT= 2.00] out<- 07:Pipe37     6.03     .603 No_date    3:30   32.77  n/a
     [L/S/n=   75./2.800/.013]
     {Vmax= 3.779:Dmax=  .331}
     [Din=  .60:Dused=  .60]
003:0470--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:Pipe37     6.03     .603 No_date    3:30   32.77  n/a
 *   [RDT= 2.00] out<- 08:Pipe38     6.03     .600 No_date    3:30   32.77  n/a
     [L/S/n=   69./2.200/.013]
     {Vmax= 3.442:Dmax=  .356}
     [Din=  .60:Dused=  .60]
003:0471--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     09:AREA A     2.34     .218 No_date    3:30   26.85 .482
     {XIMP=.01:TIMP=.10}
     {LOSS= 2 :CN= 83.0}
     [Pervious     area: IAper=5.00:SLPP=8.00:LGP= 190.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  10.:MNI=.013:SCI=   .0]
003:0472--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:AREA A     2.34     .218 No_date    3:30   26.85  n/a
                     +  08:Pipe38     6.03     .600 No_date    3:30   32.77  n/a
     [DT= 2.00]  SUM=   02:OSCVIA     8.37     .819 No_date    3:30   31.12  n/a
003:0473--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:OSCVIA     8.37     .819 No_date    3:30   31.12  n/a
 *   [RDT= 2.00] out<- 03:Pipe39     8.37     .817 No_date    3:30   31.12  n/a
     [L/S/n=   50./3.000/.013]
     {Vmax= 4.148:Dmax=  .395}
     [Din=  .60:Dused=  .60]
003:0474--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe39     8.37     .817 No_date    3:30   31.12  n/a
 *   [RDT= 2.00] out<- 04:Pipe40     8.37     .815 No_date    3:30   31.12  n/a
     [L/S/n=   30./1.000/.013]
     {Vmax= 2.754:Dmax=  .477}
     [Din=  .75:Dused=  .75]
003:0475--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:Pipe34    25.98    3.002 No_date    3:30   39.16  n/a
                     +  04:Pipe40     8.37     .815 No_date    3:30   31.12  n/a
     [DT= 2.00]  SUM=   05:16&10     34.35    3.817 No_date    3:30   37.20  n/a
003:0476--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16&10     34.35    3.817 No_date    3:30   37.20  n/a
 *   [RDT= 2.00] out<- 06:Pipe41    34.35    3.804 No_date    3:30   37.20  n/a
     [L/S/n=   80./ .600/.013]
     {Vmax= 3.349:Dmax=  .922}
     {Din= 1.50:Dused= 1.50}
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003:0477--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:999        4.20     .244 No_date    3:30   30.76 .552
     {XIMP=.20:TIMP=.20}
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP= 350.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI=  60.:MNI=.013:SCI=   .0]
003:0478--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:999        4.20     .244 No_date    3:30   30.76  n/a
 *   [RDT= 2.00] out<- 08:Pipe42     4.20     .242 No_date    3:30   30.76  n/a
     [L/S/n=  100./3.000/.013]
     {Vmax= 3.094:Dmax=  .223}
     [Din=  .45:Dused=  .45]
003:0479--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe42     4.20     .242 No_date    3:30   30.76  n/a
                     +  06:Pipe41    34.35    3.804 No_date    3:30   37.20  n/a
     [DT= 2.00]  SUM=   09:TRA999    38.55    4.046 No_date    3:30   36.50  n/a
003:0480--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:106        1.95     .167 No_date    3:30   30.76 .552
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  50.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI=  50.:MNI=.013:SCI=   .0]
003:0481--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:TRA999    38.55    4.046 No_date    3:30   36.50  n/a
                     +  01:106        1.95     .167 No_date    3:30   30.76  n/a
     [DT= 2.00]  SUM=   02:TRA106    40.50    4.213 No_date    3:30   36.22  n/a
003:0482--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 02:TRA106    40.50    4.213 No_date    3:30   36.22  n/a
     [RDT= 2.00] out<- 03:CHAN-1    40.50    4.171 No_date    3:30   36.22  n/a
     [L/S/n=  150./2.000/.035]
     {Vmax= 2.193:Dmax=  .533}
003:0483--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:CHAN-1    40.50    4.171 No_date    3:30   36.22  n/a
     [RDT= 2.00] out<- 04:POND1     40.50     .498 No_date    4:46   36.22  n/a
    {MxStoUsed=.1039E+01}
003:0484--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     05:107.1       .96     .102 No_date    3:30   36.49 .655
     [XIMP=.40:TIMP=.40]
     {LOSS= 2 :CN= 83.0}
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
003:0485--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:107.1       .96     .102 No_date    3:30   36.49  n/a
 *   [RDT= 2.00] out<- 06:Pipe43      .96     .102 No_date    3:30   36.49  n/a
     [L/S/n=   43./2.400/.013]
     {Vmax= 2.281:Dmax=  .182}
     [Din=  .30:Dused=  .30]
003:0486--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:107.2       .30     .032 No_date    3:30   36.49 .655
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
003:0487--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:107.2       .30     .032 No_date    3:30   36.49  n/a
                     +  06:Pipe43      .96     .102 No_date    3:30   36.49  n/a
     [DT= 2.00]  SUM=   08:T107.2     1.26     .134 No_date    3:30   36.49  n/a
003:0488--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 08:T107.2     1.26     .134 No_date    3:30   36.49  n/a
 *   [RDT= 2.00] out<- 09:Pipe44     1.26     .134 No_date    3:30   36.49  n/a
     [L/S/n=   65./2.200/.013]
     {Vmax= 2.371:Dmax=  .191}
     {Din=  .38:Dused=  .38}
003:0489--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:107.3       .30     .032 No_date    3:30   36.49 .655
     {XIMP=.40:TIMP=.40}
     [LOSS= 2 :CN= 83.0]
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     (Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     (Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
003:0490--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:107.3      .30     .032 No_date    3:30   36.49  n/a
                    + 09:Pipe44     1.26    .134 No_date    3:30   36.49  n/a
     [DT= 2.00]  SUM= 02:T107.3     1.56    .166 No_date    3:30   36.50  n/a
003:0491--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:T107.3     1.56    .166 No_date    3:30   36.50  n/a
 *   [RDT= 2.00] out<- 03:Pipe45     1.56    .165 No_date    3:30   36.49  n/a
     [L/S/n=   55./1.900/.013]
     [Vmax= 2.362:Dmax=  .204]
     [Din=  .45:Dused=  .45]
003:0492--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           03:Pipe45     1.56    .165 No_date    3:30   36.49  n/a
                    + 04:POND1     40.50    .498 No_date    4:46   36.22  n/a
     [DT= 2.00]  SUM= 05:16+10     42.06    .516 No_date    4:44   36.23  n/a
003:0493--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16+10     42.06    .516 No_date    4:44   36.23  n/a
 *   [RDT= 2.00] out<- 06:Pipe46    42.06    .516 No_date    4:44   36.23  n/a
     [L/S/n=   94./ .600/.013]
     [Vmax= 1.984:Dmax=  .334]
     [Din= 1.20:Dused= 1.20]
003:0494--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:900        7.25    .895 No_date    3:30   42.23 .758
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     (Pervious     area: IAper=5.00:SLPP=5.00:LGP= 100.:MNP=.100:SCP=   .0]
     (Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 100.:MNI=.013:SCI=   .0]
003:0495--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:900        7.25    .895 No_date    3:30   42.23  n/a
     [RDT= 2.00] out<- 08:POND2      7.25    .515 No_date    3:34   42.23  n/a
     {MxStoUsed=.7548E-01}
003:0496--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 08:POND2      7.25    .515 No_date    3:34   42.23  n/a
 *   [RDT= 2.00] out<- 09:Pipe47     7.25    .512 No_date    3:36   42.23  n/a
     [L/S/n=  250./ .400/.013]
     [Vmax= 1.741:Dmax=  .476]
     [Din=  .75:Dused=  .75]
003:0497--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           09:Pipe47     7.25    .512 No_date    3:36   42.23  n/a
                    + 06:Pipe46    42.06    .516 No_date    4:44   36.23  n/a
     [DT= 2.00]  SUM= 01:TRP2      49.31    .920 No_date    3:32   37.11  n/a
003:0498--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:108        1.10    .117 No_date    3:30   36.49 .655
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     (Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     (Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
003:0499--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:TRP2      49.31    .920 No_date    3:32   37.11  n/a
                    + 02:108        1.10    .117 No_date    3:30   36.49  n/a
     [DT= 2.00]  SUM= 03:T108      50.41   1.029 No_date    3:30   37.10  n/a
003:0500--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:T108      50.41   1.029 No_date    3:30   37.10  n/a
 *   [RDT= 2.00] out<- 04:Pipe48    50.41   1.024 No_date    3:30   37.10  n/a
     [L/S/n=   60./ .580/.013]
     [Vmax= 2.382:Dmax=  .487]
     [Din= 1.20:Dused= 1.20]
003:0501--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:Pipe48    50.41   1.024 No_date    3:30   37.10  n/a
 *   [RDT= 2.00] out<- 05:Pipe49    50.41   1.020 No_date    3:30   37.10  n/a
     [L/S/n=   59./ .630/.013]
     [Vmax= 2.451:Dmax=  .474]
     [Din= 1.20:Dused= 1.20]
003:0502--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:ANDPET     7.70    .641 No_date    3:30   33.71 .605
     [XIMP=.50:TIMP=.50]
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     [LOSS= 2 :CN= 65.0]
     (Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.300:SCP=   .0]
     (Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 100.:MNI=.013:SCI=   .0]
003:0503--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:ANDPET     7.70    .641 No_date    3:30   33.71  n/a
     [RDT= 2.00] out<- 07:ANDPND     7.70    .438 No_date    3:32   33.71  n/a
     {MxStoUsed=.5457E-01}
003:0504--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:ANDPND     7.70    .438 No_date    3:32   33.71  n/a
 *   [RDT= 2.00] out<- 08:Pipe50     7.70    .434 No_date    3:32   33.71  n/a
     [L/S/n=   59./ .200/.013]
     [Vmax= 1.272:Dmax=  .546]
     [Din=  .75:Dused=  .75]
003:0505--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           05:Pipe49    50.41   1.020 No_date    3:30   37.10  n/a
                    + 08:Pipe50     7.70    .434 No_date    3:32   33.71  n/a
     [DT= 2.00]  SUM= 09:TOTAND    58.11   1.453 No_date    3:32   36.65  n/a
003:0506--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:RETRES      .90    .098 No_date    3:30   38.90 .698
     [XIMP=.63:TIMP=.63]
     [LOSS= 2 :CN= 65.0]
     (Pervious     area: IAper=5.00:SLPP=1.00:LGP=  20.:MNP=.300:SCP=   .0]
     (Impervious   area: IAimp=2.00:SLPI= .50:LGI=  65.:MNI=.013:SCI=   .0]
003:0507--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:RETRES      .90    .098 No_date    3:30   38.90  n/a
 *   [RDT= 2.00] out<- 02:POND3       .90    .100 No_date    3:24   38.90  n/a
     {MxStoUsed=.9107E-02}
003:0508--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           09:TOTAND    58.11   1.453 No_date    3:32   36.65  n/a
                    + 02:POND3       .90    .100 No_date    3:24   38.90  n/a
     [DT= 2.00]  SUM= 05:TOT16     59.01   1.547 No_date    3:30   36.69  n/a
003:0509--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:WLMRT     20.72   2.229 No_date    3:30   41.78 .750
     [XIMP=.65:TIMP=.65]
     [LOSS= 2 :CN= 76.0]
     (Pervious     area: IAper=5.00:SLPP=4.20:LGP= 130.:MNP=.250:SCP=   .0]
     (Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 371.:MNI=.013:SCI=   .0]
003:0510--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:WEXT       1.58    .112 No_date    3:30   20.88 .375
     [CN= 78.0: N= 3.00]
     [Tp=  .11:DT= 2.00]
003:0511--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           06:WLMRT     20.72   2.229 No_date    3:30   41.78  n/a
                    + 07:WEXT       1.58    .112 No_date    3:30   20.88  n/a
     [DT= 2.00]  SUM= 08:TWLMRT    22.30   2.341 No_date    3:30   40.30  n/a
003:0512--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 08:TWLMRT     22.30   2.341 No_date    3:30   40.30  n/a
     [RDT= 2.00] out<- 09:WMRTPD     22.30    .874 No_date    3:56   40.30  n/a
     {MxStoUsed=.3817E+00}
003:0513--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 09:WMRTPD     22.30    .874 No_date    3:56   40.30  n/a
     [RDT= 2.00] out<- 01:16thST     22.30    .874 No_date    3:56   40.30  n/a
     [L/S/n=  180./ .580/.013]
     [Vmax= 2.294:Dmax=  .474]
     [Din= 1.05:Dused= 1.05]
003:0514--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CDNT       3.62    .547 No_date    3:30   52.00 .934
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     (Pervious     area: IAper=5.00:SLPP=3.00:LGP=  33.:MNP=.250:SCP=   .0]
     (Impervious   area: IAimp=2.00:SLPI=1.30:LGI= 273.:MNI=.013:SCI=   .0]
003:0515--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           05:TOT16     59.01   1.547 No_date    3:30   36.69  n/a
                    + 01:16thST     22.30    .874 No_date    3:56   40.30  n/a
     [DT= 2.00]  SUM= 04:TN1       81.31   2.252 No_date    3:32   37.68  n/a
003:0516--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           02:CDNT       3.62    .547 No_date    3:30   52.00  n/a
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                +  04:TN1        81.31     2.252 No_date    3:32   37.68  n/a
     [DT= 2.00]  SUM=  03:TND1       84.93     2.769 No_date    3:32   38.29  n/a
003:0517--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:TND1       84.93     2.769 No_date    3:32   38.29  n/a
     [RDT= 2.00] out<- 04:ND1ND2     84.93     2.773 No_date    3:32   38.29  n/a
     [L/S/n=  150./ .730/.013]
     [Vmax= 3.045:Dmax=  .470]
     [HGTH= 1.22:WDTH= 1.93]
003:0518--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA2COM      4.44      .655 No_date    3:30   50.29 .903
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=6.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.40:LGI= 149.:MNI=.013:SCI=   .0]
003:0519--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:CA2COM      4.44      .655 No_date    3:30   50.29  n/a
     [LAG=  5.7 min]<- 06:SH2a        4.44      .655 No_date    3:34   50.29  n/a
003:0520--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA3a        5.11      .572 No_date    3:30   40.32 .724
     [XIMP=.55:TIMP=.66]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=7.10:LGP=  28.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 248.:MNI=.013:SCI=   .0]
003:0521--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:CA3a        5.11      .572 No_date    3:30   40.32  n/a
     [LAG=  2.5 min]<- 08:SH3a        5.11      .572 No_date    3:32   40.32  n/a
003:0522--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA3b        2.82      .385 No_date    3:30   47.23 .848
     [XIMP=.81:TIMP=.81]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  40.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .80:LGI= 118.:MNI=.013:SCI=   .0]
003:0523--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:ANDCOM      1.10      .168 No_date    3:30   52.00 .934
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  10.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 115.:MNI=.013:SCI=   .0]
003:0524--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:ANDCOM      1.10      .168 No_date    3:30   52.00  n/a
     [RDT= 2.00] out<- 02:ACPND       1.10      .157 No_date    3:30   52.00  n/a
     [MxStoUsed=.9499E-02]
003:0525--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:ND1ND2     84.93     2.773 No_date    3:32   38.29  n/a
                    +  06:SH2a        4.44      .655 No_date    3:34   50.29  n/a
     [DT= 2.00]  SUM=  03:T2a        89.37     3.426 No_date    3:32   38.88  n/a
003:0526--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T2a        89.37     3.426 No_date    3:32   38.88  n/a
                    +  08:SH3a        5.11      .572 No_date    3:32   40.32  n/a
     [DT= 2.00]  SUM=  04:T2b        94.48     3.999 No_date    3:32   38.96  n/a
003:0527--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:T2b        94.48     3.999 No_date    3:32   38.96  n/a
                    +  02:ACPND       1.10      .157 No_date    3:30   52.00  n/a
     [DT= 2.00]  SUM=  05:T2c        95.58     4.152 No_date    3:32   39.11  n/a
003:0528--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T2c        95.58     4.152 No_date    3:32   39.11  n/a
                    +  09:CA3b        2.82      .385 No_date    3:30   47.23  n/a
     [DT= 2.00]  SUM=  03:TND2       98.40     4.492 No_date    3:32   39.34  n/a
003:0529--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    03:TND2       98.40     4.492 No_date    3:32   39.34  n/a
       Major System /  04:CHAN        4.01     1.472 No_date    3:32   39.34  n/a
       Minor System \  05:PIPE       94.39     3.020 No_date    3:14   39.34  n/a
003:0530--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:PIPE       94.39     3.020 No_date    3:14   39.34  n/a
     [RDT= 2.00] out<- 06:N3N4P      94.39     3.020 No_date    3:46   39.34  n/a
     [L/S/n=  640./ .600/.013]
     [Vmax= 3.043:Dmax=  .985]
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     [Din= 1.20:Dused= 1.20}
003:0531--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:CHAN       4.01     1.472 No_date    3:32   39.34  n/a
 *   [RDT= 2.00] out<- 07:N2N3C      4.01     1.369 No_date    3:34   39.34  n/a
     [L/S/n=  240./ .650/.035]
     [Vmax= 1.017:Dmax=  .349}
003:0532--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA1COM      5.30      .778 No_date    3:30   50.29 .903
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI= 146.:MNI=.013:SCI=   .0]
003:0533--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA1IND     10.99     1.425 No_date    3:30   45.18 .811
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.10:LGI= 234.:MNI=.013:SCI=   .0]
003:0534--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:CA1COM      5.30      .778 No_date    3:30   50.29  n/a
                    +  05:CA1IND     10.99     1.425 No_date    3:30   45.18  n/a
     [DT= 2.00]  SUM=  08:TOT1       16.29     2.203 No_date    3:30   46.85  n/a
003:0535--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:TOT1       16.29     2.203 No_date    3:30   46.85  n/a
     [LAG= 34.4 min]<- 09:SH1        16.29     2.203 No_date    4:04   46.85  n/a
003:0536--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:N2N3C       4.01     1.369 No_date    3:34   39.34  n/a
                    +  09:SH1        16.29     2.203 No_date    4:04   46.85  n/a
     [DT= 2.00]  SUM=  02:T3a        20.30     2.325 No_date    3:40   45.36  n/a
003:0537--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA2IND      5.15      .671 No_date    3:30   45.18 .811
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.20:LGI= 227.:MNI=.013:SCI=   .0]
003:0538--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA2IND      5.15      .671 No_date    3:30   45.18  n/a
     [LAG= 37.7 min]<- 03:SH2b       5.15      .671 No_date    4:06   45.18  n/a
003:0539--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA4b       14.53      .884 No_date    3:36   31.53 .566
     [XIMP=.25:TIMP=.44]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  73.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .30:LGI= 466.:MNI=.013:SCI=   .0]
003:0540--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T3a        20.30     2.325 No_date    3:40   45.36  n/a
                    +  03:SH2b       5.15      .671 No_date    4:06   45.18  n/a
     [DT= 2.00]  SUM=  01:T3a        25.45     2.902 No_date    4:04   45.33  n/a
003:0541--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:T3a        25.45     2.902 No_date    4:04   45.33  n/a
                    +  04:CA4b       14.53      .884 No_date    3:36   31.53  n/a
     [DT= 2.00]  SUM=  03:T3b        39.98     3.628 No_date    3:44   40.31  n/a
003:0542--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:MALL       13.24     1.526 No_date    3:32   47.76 .857
     [XIMP=.63:TIMP=.89]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.30:LGP= 120.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .20:LGI= 293.:MNI=.013:SCI=   .0]
003:0543--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:MALL       13.24     1.526 No_date    3:32   47.76  n/a
       Major System /  02:CHAN        2.21      .739 No_date    3:32   47.76  n/a
       Minor System \  04:PIPE       11.03      .787 No_date    3:12   47.76  n/a
003:0544--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T3b        39.98     3.628 No_date    3:44   40.31  n/a
                    +  02:CHAN        2.21      .739 No_date    3:32   47.76  n/a
     [DT= 2.00]  SUM=  05:TND3       42.19     4.003 No_date    3:40   40.70  n/a
003:0545--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ROUTE CHANNEL    -> 05:TND3       42.19     4.003 No_date    3:40   40.70  n/a
 *   [RDT= 2.00] out<- 07:ND3ND4     42.19     3.869 No_date    3:44   40.70  n/a
     [L/S/n=  390./ .650/.035]
     {Vmax= 1.391:Dmax=  .597}
003:0546--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      08:CA5        15.85      .978 No_date    3:30   30.15 .541
     [XIMP=.32:TIMP=.47]
     [LOSS= 2 :CN= 69.0]
     [Pervious      area: IAper=5.00:SLPP=1.50:LGP= 103.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=1.40:LGI= 289.:MNI=.013:SCI=    .0]
003:0547--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 08:CA5        15.85      .978 No_date    3:30   30.15  n/a
     [LAG=  5.9 min]<- 09:SH5        15.85      .978 No_date    3:34   30.15  n/a
003:0548--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:CA6b       32.10     1.266 No_date    3:34   30.00 .539
     [XIMP=.20:TIMP=.40]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP= .70:LGP= 135.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI= .70:LGI= 539.:MNI=.013:SCI=    .0]
003:0549--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:CA6b       32.10     1.266 No_date    3:34   30.00  n/a
                    +   09:SH5        15.85      .978 No_date    3:34   30.15  n/a
     [DT= 2.00]  SUM=   02:T56ND3     47.95     2.243 No_date    3:34   30.05  n/a
003:0550--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:CA7         2.90      .161 No_date    3:30   26.53 .476
     [XIMP=.33:TIMP=.38]
     [LOSS= 2 :CN= 63.0]
     [Pervious      area: IAper=6.50:SLPP= .60:LGP=  82.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI= .40:LGI= 130.:MNI=.013:SCI=    .0]
003:0551--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 03:CA7         2.90      .161 No_date    3:30   26.53  n/a
     [LAG=  6.6 min]<- 01:SH7         2.90      .161 No_date    3:36   26.53  n/a
003:0552--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:CA8         8.01     1.063 No_date    3:30   46.69 .838
     [XIMP=.73:TIMP=.84]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  60.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=1.10:LGI=  95.:MNI=.013:SCI=    .0]
003:0553--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 05:CA8         8.01     1.063 No_date    3:30   46.69  n/a
     [LAG= 21.3 min]<- 08:SH8         8.01     1.063 No_date    3:50   46.69  n/a
003:0554--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      09:CA11        4.18      .274 No_date    3:32   30.47 .547
     [XIMP=.28:TIMP=.36]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=3.00:LGP=  82.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI= .70:LGI= 270.:MNI=.013:SCI=    .0]
003:0555--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:SH7         2.90      .161 No_date    3:36   26.53  n/a
                    +   08:SH8         8.01     1.063 No_date    3:50   46.69  n/a
     [DT= 2.00]  SUM=   05:T7811a      10.91     1.142 No_date    3:38   41.33  n/a
003:0556--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:T7811a     10.91     1.142 No_date    3:38   41.33  n/a
                    +   09:CA11        4.18      .274 No_date    3:32   30.47  n/a
     [DT= 2.00]  SUM=   03:T7811b     15.09     1.385 No_date    3:34   38.32  n/a
003:0557--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T7811b     15.09     1.385 No_date    3:34   38.32  n/a
                    +   02:T56ND3     47.95     2.243 No_date    3:34   30.05  n/a
     [DT= 2.00]  SUM=   05:T7811      63.04     3.628 No_date    3:34   32.03  n/a
003:0558--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:ND3ND4     42.19     3.869 No_date    3:44   40.70  n/a
                    +   05:T7811      63.04     3.628 No_date    3:34   32.03  n/a
     [DT= 2.00]  SUM=   02:T56781    105.23     6.969 No_date    3:40   35.51  n/a
003:0559--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:CA3c        1.14      .108 No_date    3:30   35.76 .642
     [XIMP=.45:TIMP=.50]
     [LOSS= 2 :CN= 76.0]
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     [Pervious      area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=2.50:LGI=  80.:MNI=.013:SCI=    .0]
003:0560--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:CA3c        1.14      .108 No_date    3:30   35.76  n/a
     [RDT= 2.00] out<- 05:3cPIPE      1.14      .104 No_date    3:30   35.76  n/a
     [L/S/n=  240./ .200/.013]
     {Vmax=  .913:Dmax=  .262}
     [Din=  .60:Dused=  .60}
003:0561--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:CA4a        1.86      .250 No_date    3:30   46.04 .827
     [XIMP=.75:TIMP=.80]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=2.10:LGP=  24.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI= .70:LGI=  69.:MNI=.013:SCI=    .0]
003:0562--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:PIPE       11.03      .787 No_date    3:12   47.76  n/a
                    +   03:CA4a        1.86      .250 No_date    3:30   46.04  n/a
     [DT= 2.00]  SUM=   08:TMLL4a     12.89     1.037 No_date    3:30   47.51  n/a
003:0563--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:TMLL4a     12.89     1.037 No_date    3:30   47.51  n/a
                    +   05:3cPIPE      1.14      .104 No_date    3:30   35.76  n/a
     [DT= 2.00]  SUM=   07:TMLL3c     14.03     1.142 No_date    3:30   46.56  n/a
003:0564--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:TMLL3c     14.03     1.142 No_date    3:30   46.56  n/a
     [RDT= 2.00] out<- 09:ML3CN4      14.03     1.137 No_date    3:30   46.56  n/a
     [L/S/n=  405./ .600/.013]
     {Vmax= 2.126:Dmax=  .276}
     {HGTH= 1.22:WDTH= 1.93}
003:0565--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      08:CA6IND      3.04      .393 No_date    3:30   45.18 .811
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI= .60:LGI=  87.:MNI=.013:SCI=    .0]
003:0566--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:CA6IND      3.04      .393 No_date    3:30   45.18  n/a
                    +   09:ML3CN4     14.03     1.137 No_date    3:30   46.56  n/a
     [DT= 2.00]  SUM=   01:ML436a     17.07     1.530 No_date    3:30   46.32  n/a
003:0567--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:T56781    105.23     6.969 No_date    3:40   35.51  n/a
                    +   01:ML436a     17.07     1.530 No_date    3:30   46.32  n/a
     [DT= 2.00]  SUM=   03:ML436b    122.30     8.107 No_date    3:38   37.02  n/a
003:0568--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             06:N3N4P      94.39     3.020 No_date    3:46   39.34  n/a
                    +   03:ML436b    122.30     8.107 No_date    3:38   37.02  n/a
     [DT= 2.00]  SUM=   04:TND4      216.69    11.126 No_date    3:38   38.03  n/a
003:0569--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 04:TND4      216.69    11.126 No_date    3:38   38.03  n/a
     {RDT= 2.00} out<- 02:ND4ND5     216.69    10.998 No_date    3:44   38.03  n/a
     [L/S/n=  697./ .650/.035]
     [Vmax= 2.453:Dmax= 1.727}
003:0570--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:MLLRE       1.26      .157 No_date    3:30   42.74 .767
     [XIMP=.60:TIMP=.74]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.90:LGP=  26.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI= .70:LGI=  73.:MNI=.013:SCI=    .0]
003:0571--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:MLLRE       1.26      .157 No_date    3:30   42.74  n/a
     [RDT= 2.00] out<- 04:MLLRCE      1.26      .085 No_date    3:36   42.74  n/a
    [MxStoUsed=.1316E-01}
003:0572--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 04:MLLRCE      1.26      .085 No_date    3:36   42.74  n/a
     [LAG= 18.8 min]<- 05:SHMLRE      1.26      .085 No_date    3:54   42.74  n/a
003:0573--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:MLLRW       1.73      .245 No_date    3:30   49.21 .883
     {XIMP=.82:TIMP=.90]
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     [LOSS= 2 :CN= 76.0]
     {Pervious     area: IAper=5.00:SLPP=1.35:LGP=  37.:MNP=.250:SCP=   .0}
     {Impervious   area: IAimp=2.00:SLPI= .42:LGI= 120.:MNI=.013:SCI=   .0}
003:0574--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:MLLRW      1.73     .245 No_date    3:30   49.21  n/a
     [RDT= 2.00] out<- 07:MLLRCW     1.73     .171 No_date    3:34   49.21  n/a
    {MxStoUsed=.2116E-01}
003:0575--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:MLLRCW     1.73     .171 No_date    3:34   49.21  n/a
     [LAG= 13.4 min]<- 08:SHMLRW     1.73     .171 No_date    3:46   49.21  n/a
003:0576--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA9        7.85     .604 No_date    3:30   33.72 .605
     {XIMP=.42:TIMP=.43}
     {LOSS= 2 :CN= 75.0}
     {Pervious     area: IAper=5.00:SLPP=1.60:LGP=  96.:MNP=.250:SCP=   .0}
     {Impervious   area: IAimp=2.00:SLPI=1.70:LGI= 207.:MNI=.013:SCI=   .0}
003:0577--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:TOTMLR     1.73     .171 No_date    3:46   49.21  n/a
                      + 05:SHMLRE     1.26     .085 No_date    3:54   42.74  n/a
     [DT= 2.00]  SUM=  08:TOTMLR     2.99     .253 No_date    3:48   46.48  n/a
003:0578--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:CA9        7.85     .604 No_date    3:30   33.72  n/a
                      + 08:TOTMLR     2.99     .253 No_date    3:48   46.48  n/a
     [DT= 2.00]  SUM=  03:T9MLR     10.84     .794 No_date    3:30   37.24  n/a
003:0579--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:T9MLR     10.84     .794 No_date    3:30   37.24  n/a
     [LAG= 19.3 min]<- 04:CA9       10.84     .794 No_date    3:48   37.24  n/a
003:0580--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA10IN    17.87    2.221 No_date    3:30   45.18 .811
     {XIMP=.75:TIMP=.75}
     {LOSS= 2 :CN= 76.0}
     {Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0}
     {Impervious   area: IAimp=2.00:SLPI=1.20:LGI= 427.:MNI=.013:SCI=   .0}
003:0581--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA13       7.15     .530 No_date    3:30   34.67 .622
     {XIMP=.44:TIMP=.54}
     {LOSS= 2 :CN= 74.0}
     {Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0}
     {Impervious   area: IAimp=2.00:SLPI= .60:LGI=  80.:MNI=.013:SCI=   .0}
003:0582--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA14       7.52     .407 No_date    3:30   28.96 .520
     {XIMP=.32:TIMP=.35}
     {LOSS= 2 :CN= 74.0}
     {Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0}
     {Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 111.:MNI=.013:SCI=   .0}
003:0583--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:CA10IN    17.87    2.221 No_date    3:30   45.18  n/a
                      + 06:CA13       7.15     .530 No_date    3:30   34.67  n/a
     [DT= 2.00]  SUM=  08:T1013      25.02    2.751 No_date    3:30   42.18  n/a
003:0584--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:T1013     25.02    2.751 No_date    3:30   42.18  n/a
                      + 04:CA9       10.84     .794 No_date    3:48   37.24  n/a
     [DT= 2.00]  SUM=  03:T14       35.86    3.296 No_date    3:30   40.69  n/a
003:0585--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T14       35.86    3.296 No_date    3:30   40.69  n/a
                      + 07:CA14       7.52     .407 No_date    3:30   28.96  n/a
     [DT= 2.00]  SUM=  04:T91013     43.38    3.703 No_date    3:30   38.65  n/a
003:0586--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:ND4ND5   216.69   10.998 No_date    3:44   38.03  n/a
                      + 04:T91013     43.38    3.703 No_date    3:30   38.65  n/a
     [DT= 2.00]  SUM=  07:TND5      260.07   13.675 No_date    3:34   38.13  n/a
003:0587--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 07:TND5      260.07   13.675 No_date    3:34   38.13  n/a
     [RDT= 2.00] out<- 08:ND5ND6    260.07   13.450 No_date    3:38   38.13  n/a
     {L/S/n=  578./1.640/.035}
     {Vmax= 2.101:Dmax= 1.725}
003:0588--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    CALIB NASHYD       09:15WHZ      1.38     .056 No_date    3:38   16.61 .298
     [CN= 74.0: N= 3.00]
     {Tp=  .25:DT= 2.00]
003:0589--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:15WRE     12.42    1.184 No_date    3:30   34.64 .622
     {XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     {Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     {Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 221.:MNI=.013:SCI=   .0]
003:0590--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:15WRE     12.42    1.184 No_date    3:30   34.64  n/a
                      + 09:15WHZ      1.38     .056 No_date    3:38   16.61  n/a
     [DT= 2.00]  SUM=  03:T15W      13.80    1.230 No_date    3:30   32.84  n/a
003:0591--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       04:15EHZ      3.15     .128 No_date    3:38   16.61 .298
     {CN= 74.0: N= 3.00]
     {Tp=  .25:DT= 2.00]
003:0592--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:15EIND     4.89     .613 No_date    3:30   45.18 .811
     {XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     {Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     {Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 500.:MNI=.013:SCI=   .0]
003:0593--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:15EHZ      3.15     .128 No_date    3:38   16.61  n/a
                      + 06:15EIND     4.89     .613 No_date    3:30   45.18  n/a
     [DT= 2.00]  SUM=  07:T15E       8.04     .718 No_date    3:30   33.99  n/a
003:0594--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:T15E       8.04     .718 No_date    3:30   33.99  n/a
                      + 03:T15W      13.80    1.230 No_date    3:30   32.84  n/a
     [DT= 2.00]  SUM=  09:T15EW     21.84    1.948 No_date    3:30   33.26  n/a
003:0595--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:UNGAS       .99     .077 No_date    3:30   26.14 .469
     {XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 74.0]
     {Pervious     area: IAper=5.00:SLPP=3.30:LGP=  15.:MNP=.250:SCP=   .0]
     {Impervious   area: IAimp=2.00:SLPI=1.20:LGI=  90.:MNI=.013:SCI=   .0]
003:0596--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:UNGAS        .99     .077 No_date    3:30   26.14  n/a
     [RDT= 2.00] out<- 02:UNGPND       .99     .023 No_date    4:02   26.14  n/a
    {MxStoUsed=.1161E-01}
003:0597--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 02:UNGPND       .99     .023 No_date    4:02   26.14  n/a
     [LAG= 16.3 min]<- 03:SHUNGS       .99     .023 No_date    4:18   26.14  n/a
003:0598--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:T15EW     21.84    1.948 No_date    3:30   33.26  n/a
                      + 03:SHUNGS       .99     .023 No_date    4:18   26.14  n/a
     [DT= 2.00]  SUM=  04:T15        22.83    1.957 No_date    3:30   32.95  n/a
003:0599--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA16I      26.59    3.224 No_date    3:30   45.18 .811
     {XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     {Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     {Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 551.:MNI=.013:SCI=   .0]
003:0600--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:CA16I      26.59    3.224 No_date    3:30   45.18  n/a
                      + 04:T15        22.83    1.957 No_date    3:30   32.95  n/a
     [DT= 2.00]  SUM=  09:T1516      49.42    5.182 No_date    3:30   39.53  n/a
003:0601--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:ND5ND6   260.07   13.450 No_date    3:38   38.13  n/a
                      + 09:T1516      49.42    5.182 No_date    3:30   39.53  n/a
     [DT= 2.00]  SUM=  03:TND6      309.49   17.993 No_date    3:34   38.36  n/a
003:0602--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 03:TND6      309.49   17.993 No_date    3:34   38.36  n/a
     [RDT= 2.00] out<- 02:ND6ND8    309.49   17.776 No_date    3:36   38.36  n/a
     [L/S/n=  503./1.290/.035]
     {Vmax= 2.996:Dmax= 1.516}
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003:0603--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA17RW      6.93     .666 No_date    3:30   34.64 .622
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.80:LGI= 263.:MNI=.013:SCI=   .0]
003:0604--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:17WOS       2.11     .125 No_date    3:34   19.75 .355
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
003:0605--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:CA17RW      6.93     .666 No_date    3:30   34.64  n/a
                     + 05:17WOS       2.11     .125 No_date    3:34   19.75  n/a
     [DT= 2.00]  SUM=  04:T17         9.04     .784 No_date    3:30   31.17  n/a
003:0606--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA17RE      3.51     .335 No_date    3:30   34.64 .622
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.40:LGI= 246.:MNI=.013:SCI=   .0]
003:0607--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       08:17EOS       6.57     .390 No_date    3:34   19.75 .355
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
003:0608--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:17EOS       6.57     .390 No_date    3:34   19.75  n/a
                     + 06:CA17RE      3.51     .335 No_date    3:30   34.64  n/a
     [DT= 2.00]  SUM=  01:T17        10.08     .710 No_date    3:32   24.93  n/a
003:0609--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:T17         10.08     .710 No_date    3:32   24.93  n/a
                     + 04:T17          9.04     .784 No_date    3:30   31.17  n/a
     [DT= 2.00]  SUM=  09:T17RES      19.12    1.488 No_date    3:30   27.88  n/a
003:0610--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:ND6ND8     309.49   17.776 No_date    3:36   38.36  n/a
                     + 09:T17RES      19.12    1.488 No_date    3:30   27.88  n/a
     [DT= 2.00]  SUM=  05:TND8       328.61   19.045 No_date    3:36   37.75  n/a
003:0611--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND8       328.61   19.045 No_date    3:36   37.75  n/a
     [RDT= 2.00] out<- 06:ND8ND9     328.61   18.864 No_date    3:38   37.75  n/a
     [L/S/n=  405./1.480/.045]
     [Vmax= 2.397:Dmax= 1.237]
003:0612--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:CA18        12.02     .421 No_date    3:50   19.00 .341
     [CN= 78.0: N= 3.00]
     [Tp=  .41:DT= 2.00]
003:0613--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:CA18        12.02     .421 No_date    3:50   19.00  n/a
                     + 06:ND8ND9     328.61   18.864 No_date    3:38   37.75  n/a
     [DT= 2.00]  SUM=  08:TND9       340.63   19.223 No_date    3:38   37.09  n/a
003:0614--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 08:TND9       340.63   19.223 No_date    3:38   37.09  n/a
     [RDT= 2.00] out<- 09:ND9ND1     340.63   19.023 No_date    3:40   37.09  n/a
     [L/S/n=  505./1.900/.045]
     [Vmax= 2.439:Dmax=  .948]
003:0615--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:CA19        1.18     .058 No_date    3:34   16.61 .298
     [CN= 74.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
003:0616--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CA20IN      7.54     .958 No_date    3:30   45.18 .811
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     ]Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 194.:MNI=.013:SCI=   .0]
003:0617--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA19        1.18     .058 No_date    3:34   16.61  n/a
                     + 02:CA20IN      7.54     .958 No_date    3:30   45.18  n/a
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     [DT= 2.00]  SUM=  03:T1920       8.72    1.012 No_date    3:30   41.32  n/a
003:0618--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T1920       8.72    1.012 No_date    3:30   41.32  n/a
                     + 09:ND9ND1    340.63   19.023 No_date    3:40   37.09  n/a
     [DT= 2.00]  SUM=  04:TND10     349.35   19.571 No_date    3:40   37.19  n/a
 ** END OF RUN :   3

********************************************************************************



RUN:COMMAND#
004:0621--------------------------------------------------------------------------
    START
     [TZERO =    .00 hrs on        0]
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 ]
     [NRUN  =   4 ]
*#*************************************************************************
*#  Project Name: [Owen Sound Drainage Study]    Project Number: [MCG 10665]
*#  Date        : 04-12-2007
*#  Modeller    : [T.Lozon]
*#  Company     : R.J. Burnside and Associates
*#  License #   :  3846413
004:0623--------------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  = 25-Year SCS Type-II Storm Distribution (6-hour) Owen Sound,
     [SDT=30.00:SDUR=   6.50:PTOT= 65.00]
004:0624--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:TRA7        1.82     .251 No_date    3:30   48.40 .745
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP= .50:LGP=  70.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 170.:MNI=.013:SCI=   .0]
004:0625--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:A8           .28     .038 No_date    3:30   44.75 .688
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  82.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  82.:MNI=.013:SCI=   .0]
004:0626--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A8           .28     .038 No_date    3:30   44.75  n/a
 *   [RDT= 2.00] out<- 02:Pipe16       .28     .038 No_date    3:30   44.75  n/a
     [L/S/n=   15./2.000/.013]
     [Vmax= 1.548:Dmax=  .088]
     [Din=  .53:Dused=  .53]
004:0627--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe16       .28     .038 No_date    3:30   44.75  n/a
                     + 04:TRA7        1.82     .251 No_date    3:30   48.40  n/a
     [DT= 2.00]  SUM=  03:TRA8        2.10     .289 No_date    3:30   47.91  n/a
004:0628--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A9           .28     .029 No_date    3:30   30.15 .464
     [XIMP=.10:TIMP=.10]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=4.10:LGP= 100.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI=  35.:MNI=.013:SCI=   .0]
004:0629--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:A9           .28     .029 No_date    3:30   30.15  n/a
 *   [RDT= 2.00] out<- 05:Pipe17       .28     .029 No_date    3:30   30.15  n/a
     [L/S/n=   29./2.000/.013]
     [Vmax= 1.411:Dmax=  .077]
     [Din=  .53:Dused=  .53]
004:0630--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe17       .28     .029 No_date    3:30   30.15  n/a
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                  +  03:TRA8        2.10      .289 No_date    3:30   47.91  n/a
     [DT= 2.00]  SUM=  06:TRA9        2.38      .318 No_date    3:30   45.80  n/a
004:0631--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:A10          .59      .080 No_date    3:30   44.75 .688
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  73.:MNI=.013:SCI=   .0]
004:0632--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:A10          .59      .080 No_date    3:30   44.75  n/a
 *   [RDT= 2.00] out<- 08:Pipe18       .59      .079 No_date    3:30   44.75  n/a
     [L/S/n=   60./2.000/.013]
     [Vmax= 1.927:Dmax=  .128]
     [Din=  .53:Dused=  .53]
004:0633--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe18       .59      .079 No_date    3:30   44.75  n/a
                  +  06:TRA9        2.38      .318 No_date    3:30   45.80  n/a
     [DT= 2.00]  SUM=  09:TRA10       2.97      .397 No_date    3:30   45.59  n/a
004:0634--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A11          .82      .111 No_date    3:30   44.75 .688
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  67.:MNI=.013:SCI=   .0]
004:0635--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A11          .82      .111 No_date    3:30   44.75  n/a
 *   [RDT= 2.00] out<- 02:Pipe19       .82      .111 No_date    3:30   44.75  n/a
     [L/S/n=   59./2.000/.013]
     [Vmax= 2.126:Dmax=  .151]
     [Din=  .53:Dused=  .53]
004:0636--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TRA10       2.97      .397 No_date    3:30   45.59  n/a
                  +  02:Pipe19       .82      .111 No_date    3:30   44.75  n/a
     [DT= 2.00]  SUM=  03:TRA11       3.80      .508 No_date    3:30   45.41  n/a
004:0637--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A12          .30      .033 No_date    3:30   33.80 .520
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.030:SCP=   .0[
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  58.:MNI=.013:SCI=   .0]
004:0638--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A12          .30      .033 No_date    3:30   33.80  n/a
 *   [RDT= 2.00] out<- 05:Pipe20       .30      .032 No_date    3:30   33.80  n/a
     [L/S/n=   69./2.000/.013]
     [Vmax= 1.493:Dmax=  .082]
     [Din=  .53:Dused=  .53]
004:0639--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe20       .30      .032 No_date    3:30   33.80  n/a
                  +  03:TRA11       3.80      .508 No_date    3:30   45.41  n/a
     [DT= 2.00]  SUM=  06:TRA12       4.10      .540 No_date    3:30   44.56  n/a
004:0640--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:A13          .31      .037 No_date    3:30   37.45 .576
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  68.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  68.:MNI=.013:SCI=   .0]
004:0641--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:A13          .31      .037 No_date    3:30   37.45  n/a
 *   [RDT= 2.00] out<- 08:Pipe21       .31      .037 No_date    3:30   37.45  n/a
     [L/S/n=   53./1.900/.013]
     [Vmax= 1.505:Dmax=  .088]
     [Din=  .53:Dused=  .53]
004:0642--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe21       .31      .037 No_date    3:30   37.45  n/a
                  +  06:TRA12       4.10      .540 No_date    3:30   44.56  n/a
     [DT= 2.00]  SUM=  09:TRA13       4.41      .577 No_date    3:30   44.06  n/a
004:0643--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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 *  CALIB STANDHYD     01:A14          .22      .027 No_date    3:30   37.45 .576
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
004:0644--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A14          .22      .027 No_date    3:30   37.45  n/a
 *   [RDT= 2.00] out<- 02:Pipe22       .22      .027 No_date    3:30   37.45  n/a
     [L/S/n=   52./1.250/.013[
     [Vmax= 1.143:Dmax=  .080]
     [Din=  .60:Dused=  .60]
004:0645--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe22       .22      .027 No_date    3:30   37.45  n/a
                  +  09:TRA13       4.41      .577 No_date    3:30   44.06  n/a
     [DT= 2.00]  SUM=  03:TRA14       4.63      .604 No_date    3:30   43.74  n/a
004:0646--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A15          .24      .029 No_date    3:30   37.45 .576
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
004:0647--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A15          .24      .029 No_date    3:30   37.45  n/a
 *   [RDT= 2.00] out<- 05:Pipe23       .24      .029 No_date    3:30   37.45  n/a
     [L/S/n=   10./ .500/.013]
     [Vmax=  .817:Dmax=  .096]
     [Din=  .75:Dused=  .75]
004:0648--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe23       .24      .029 No_date    3:30   37.45  n/a
                  +  03:TRA14       4.63      .604 No_date    3:30   43.74  n/a
     [DT= 2.00]  SUM=  06:TRA15       4.87      .632 No_date    3:30   43.43  n/a
004:0649--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:A101         3.00      .453 No_date    3:30   50.65 .779
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 150.:MNI=.013:SCI=   .0]
004:0650--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A101         3.00      .453 No_date    3:30   50.65  n/a
 *   [RDT= 2.00] out<- 02:Pipe24       3.00      .452 No_date    3:30   50.65  n/a
     [L/S/n=   60./ .750/.013]
     [Vmax= 2.133:Dmax=  .331]
     [Din=  .90:Dused=  .90]
004:0651--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:Pipe24       3.00      .452 No_date    3:30   50.65  n/a
 *   [RDT= 2.00] out<- 03:Pipe25       3.00      .451 No_date    3:30   50.65  n/a
     [L/S/n=   36./ .400/.013]
     [Vmax= 1.693:Dmax=  .437]
     [Din=  .75:Dused=  .75]
004:0652--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:TRA15       4.87      .632 No_date    3:30   43.43  n/a
                  +  03:Pipe25       3.00      .451 No_date    3:30   50.65  n/a
     [DT= 2.00]  SUM=  04:TRA101      7.87     1.084 No_date    3:30   46.19  n/a
004:0653--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:TRA101       7.87     1.084 No_date    3:30   46.19  n/a
 *   [RDT= 2.00] out<- 05:Pipe26       7.87     1.081 No_date    3:30   46.19  n/a
     [L/S/n=   51./ .650/.013]
     [Vmax= 2.513:Dmax=  .577]
     [Din=  .90:Dused=  .90]
004:0654--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A102         .74      .127 No_date    3:30   56.83 .874
     [XIMP=.80:TIMP=.80[
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  70.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
004:0655--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A102         .74      .127 No_date    3:30   56.83  n/a
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 *   [RDT= 2.00] out<- 02:Pipe27      .74     .126 No_date    3:30   56.83  n/a
     [L/S/n=   42./1.000/.013]
     [Vmax= 1.729:Dmax=  .236}
     [Din=  .38:Dused=  .38}
004:0656---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe26     7.87    1.081 No_date    3:30   46.19  n/a
                      + 02:Pipe27      .74     .126 No_date    3:30   56.83  n/a
     [DT= 2.00]  SUM=  04:8thSTR     8.61    1.208 No_date    3:30   47.10  n/a
004:0657---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:8thSTR     8.61    1.208 No_date    3:30   47.10  n/a
 *   [RDT= 2.00] out<- 05:Pipe28      8.61    1.206 No_date    3:30   47.10  n/a
     [L/S/n=   88./3.260/.013]
     {Vmax= 4.755:Dmax=  .419}
     [Din=  .75:Dused=  .75}
004:0658---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      06:A103      2.55     .401 No_date    3:30   50.65 .779
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
004:0659---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:A103      2.55     .401 No_date    3:30   50.65  n/a
 *   [RDT= 2.00] out<- 07:Pipe29      2.55     .400 No_date    3:30   50.65  n/a
     [L/S/n=   65./2.800/.013]
     {Vmax= 3.361:Dmax=  .236}
     [Din=  .75:Dused=  .75}
004:0660---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe28     8.61    1.206 No_date    3:30   47.10  n/a
                      + 07:Pipe29     2.55     .400 No_date    3:30   50.65  n/a
     [DT= 2.00]  SUM=  08:OSCVIb    11.16    1.606 No_date    3:30   47.91  n/a
004:0661---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      09:AREAB     6.03     .918 No_date    3:30   50.65 .779
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.50:LGP=  55.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI= 320.:MNI=.013:SCI=   .0]
004:0662---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:AREAB     6.03     .918 No_date    3:30   50.65  n/a
                      + 08:OSCVIb    11.16    1.606 No_date    3:30   47.91  n/a
     [DT= 2.00]  SUM=  01:OSCVI     17.19    2.524 No_date    3:30   48.87  n/a
004:0663---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:OSCVI     17.19    2.524 No_date    3:30   48.87  n/a
 *   [RDT= 2.00] out<- 02:Pipe30     17.19    2.518 No_date    3:30   48.87  n/a
     [L/S/n=  150./2.600/.013]
     {Vmax= 5.164:Dmax=  .646}
     [Din=  .90:Dused=  .90}
004:0664---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:HOSP      4.59     .512 No_date    3:30   38.31 .589
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 130.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 300.:MNI=.013:SCI=   .0]
004:0665---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:HOSP      4.59     .512 No_date    3:30   38.31  n/a
 *   [RDT= 2.00] out<- 04:Pipe31      4.59     .513 No_date    3:32   38.31  n/a
     [L/S/n=  118./6.000/.013]
     {Vmax= 4.630:Dmax=  .329}
     [Din=  .38:Dused=  .40}
004:0666---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:Pipe31     4.59     .513 No_date    3:32   38.31  n/a
 *   [RDT= 2.00] out<- 05:Pipe32      4.59     .514 No_date    3:32   38.31  n/a
     [L/S/n=   70./1.100/.013]
     {Vmax= 2.529:Dmax=  .405}
     [Din=  .60:Dused=  .60}
004:0667---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:Pipe30    17.19    2.518 No_date    3:30   48.87  n/a
                      + 05:Pipe32     4.59     .514 No_date    3:32   38.31  n/a
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     [DT= 2.00]  SUM=  06:TOTHSP    21.78    3.022 No_date    3:30   46.65  n/a
004:0668---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:TOTHSP    21.78    3.022 No_date    3:30   46.65  n/a
 *   [RDT= 2.00] out<- 07:Pipe33      21.78    3.019 No_date    3:30   46.65  n/a
     [L/S/n=   60./4.300/.013]
     {Vmax= 6.566:Dmax=  .612}
     [Din=  .90:Dused=  .90}
004:0669---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      08:104       4.20     .637 No_date    3:30   50.65 .779
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 300.:MNI=.013:SCI=   .0]
004:0670---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:Pipe33    21.78    3.019 No_date    3:30   46.65  n/a
                      + 08:104        4.20     .637 No_date    3:30   50.65  n/a
     [DT= 2.00]  SUM=  09:TOT104    25.98    3.656 No_date    3:30   47.30  n/a
004:0671---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 09:TOT104    25.98    3.656 No_date    3:30   47.30  n/a
 *   [RDT= 2.00] out<- 01:Pipe34      25.98    3.651 No_date    3:30   47.30  n/a
     [L/S/n=   59./1.300/.013]
     {Vmax= 4.389:Dmax=  .829}
     [Din= 1.20:Dused= 1.20}
004:0672---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:105       3.59     .459 No_date    3:30   39.85 .613
     [XIMP=.25:TIMP=.25]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=4.00:LGP= 200.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.00:LGI= 200.:MNI=.013:SCI=   .0]
004:0673---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:105       3.59     .459 No_date    3:30   39.85  n/a
 *   [RDT= 2.00] out<- 03:Pipe35      3.59     .456 No_date    3:30   39.85  n/a
     [L/S/n=   70./ .750/.013]
     {Vmax= 2.116:Dmax=  .430}
     [Din=  .60:Dused=  .60}
004:0674---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:Pipe35     3.59     .456 No_date    3:30   39.85  n/a
 *   [RDT= 2.00] out<- 04:Pipe36      3.59     .452 No_date    3:30   39.85  n/a
     [L/S/n=  120./1.050/.013]
     {Vmax= 2.427:Dmax=  .379}
     [Din=  .60:Dused=  .60}
004:0675---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:105.2     2.44     .310 No_date    3:30   41.40 .637
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 300.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 300.:MNI=.013:SCI=   .0]
004:0676---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:Pipe36     3.59     .452 No_date    3:30   39.85  n/a
                      + 05:105.2      2.44     .310 No_date    3:30   41.40  n/a
     [DT= 2.00]  SUM=  06:T105.2     6.03     .763 No_date    3:30   40.48  n/a
004:0677---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:T105.2     6.03     .763 No_date    3:30   40.48  n/a
 *   [RDT= 2.00] out<- 07:Pipe37      6.03     .760 No_date    3:30   40.48  n/a
     [L/S/n=   75./2.800/.013]
     {Vmax= 3.980:Dmax=  .385}
     [Din=  .60:Dused=  .60}
004:0678---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:Pipe37     6.03     .760 No_date    3:30   40.48  n/a
 *   [RDT= 2.00] out<- 08:Pipe38      6.03     .758 No_date    3:30   40.48  n/a
     [L/S/n=   69./2.200/.013]
     {Vmax= 3.605:Dmax=  .419}
     [Din=  .60:Dused=  .60}
004:0679---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      09:AREA A    2.34     .284 No_date    3:30   34.21 .526
     [XIMP=.01:TIMP=.10]
     [LOSS= 2 :CN= 83.0]
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     [Pervious     area: IAper=5.00:SLPP=8.00:LGP= 190.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  10.:MNI=.013:SCI=   .0]
004:0680--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:AREA A     2.34     .284 No_date    3:30   34.21  n/a
                     + 08:Pipe38     6.03     .758 No_date    3:30   40.48  n/a
     [DT= 2.00]  SUM=  02:OSCVIA     8.37    1.042 No_date    3:30   38.72  n/a
004:0681--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:OSCVIA     8.37    1.042 No_date    3:30   38.72  n/a
 *   [RDT= 2.00] out<- 03:Pipe39     8.37    1.040 No_date    3:30   38.72  n/a
     [L/S/n=   50./3.000/.013]
     {Vmax= 4.287:Dmax=  .482}
     [Din=  .60:Dused=  .60]
004:0682--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:Pipe39     8.37    1.040 No_date    3:30   38.72  n/a
 *   [RDT= 2.00] out<- 04:Pipe40     8.37    1.038 No_date    3:30   38.72  n/a
     [L/S/n=   30./1.000/.013[
     {Vmax= 2.863:Dmax=  .575}
     [Din=  .75:Dused=  .75]
004:0683--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:Pipe34    25.98    3.651 No_date    3:30   47.30  n/a
                     + 04:Pipe40     8.37    1.038 No_date    3:30   38.72  n/a
     [DT= 2.00]  SUM=  05:16&10     34.35    4.688 No_date    3:30   45.21  n/a
004:0684--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:16&10     34.35    4.688 No_date    3:30   45.21  n/a
 *   [RDT= 2.00] out<- 06:Pipe41    34.35    4.674 No_date    3:30   45.21  n/a
     [L/S/n=   80./ .600/.013]
     {Vmax= 3.482:Dmax= 1.069}
     [Din= 1.50:Dused= 1.50]
004:0685--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:999        4.20     .324 No_date    3:30   38.31 .589
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP= 350.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI=  60.:MNI=.013:SCI=   .0]
004:0686--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:999        4.20     .324 No_date    3:30   38.31  n/a
 *   [RDT= 2.00] out<- 08:Pipe42     4.20     .321 No_date    3:30   38.31  n/a
     [L/S/n=  100./3.000/.013]
     [Vmax= 3.312:Dmax=  .266]
     [Din=  .45:Dused=  .45]
004:0687--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe42     4.20     .321 No_date    3:30   38.31  n/a
                     + 06:Pipe41    34.35    4.674 No_date    3:30   45.21  n/a
     [DT= 2.00]  SUM=  09:TRA999     38.55    4.994 No_date    3:30   44.46  n/a
004:0688--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:106        1.95     .218 No_date    3:30   38.31 .589
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  50.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI=  50.:MNI=.013:SCI=   .0]
004:0689--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TRA999    38.55    4.994 No_date    3:30   44.46  n/a
                     + 01:106        1.95     .218 No_date    3:30   38.31  n/a
     [DT= 2.00]  SUM=  02:TRA106     40.50    5.212 No_date    3:30   44.16  n/a
004:0690--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 02:TRA106    40.50    5.212 No_date    3:30   44.16  n/a
     [RDT= 2.00] out<- 03:CHAN-1     40.50    5.165 No_date    3:30   44.16  n/a
     [L/S/n=  150./2.000/.035]
     {Vmax= 2.324:Dmax=  .592}
004:0691--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:CHAN-1     40.50    5.165 No_date    3:30   44.16  n/a
     [RDT= 2.00] out<- 04:POND1      40.50     .957 No_date    4:16   44.16  n/a
    {MxStoUsed=.1174E+01}
004:0692--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     05:107.1       .96     .126 No_date    3:30   44.48 .684
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
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     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
004:0693--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:107.1      .96     .126 No_date    3:30   44.48  n/a
 *   [RDT= 2.00] out<- 06:Pipe43      .96     .126 No_date    3:30   44.48  n/a
     [L/S/n=   43./2.400/.013]
     {Vmax= 2.375:Dmax=  .211}
     [Din=  .30:Dused=  .30]
004:0694--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:107.2         .30     .039 No_date    3:30   44.48 .684
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
004:0695--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:107.2         .30     .039 No_date    3:30   44.48  n/a
                     + 06:Pipe43      .96     .126 No_date    3:30   44.48  n/a
     [DT= 2.00]  SUM=  08:T107.2      1.26     .165 No_date    3:30   44.48  n/a
004:0696--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 08:T107.2     1.26     .165 No_date    3:30   44.48  n/a
 *   [RDT= 2.00] out<- 09:Pipe44      1.26     .165 No_date    3:30   44.48  n/a
     [L/S/n=   65./2.200/.013]
     {Vmax= 2.495:Dmax=  .217}
     [Din=  .38:Dused=  .38]
004:0697--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:107.3         .30     .039 No_date    3:30   44.48 .684
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
004:0698--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:107.3         .30     .039 No_date    3:30   44.48  n/a
                     + 09:Pipe44      1.26     .165 No_date    3:30   44.48  n/a
     [DT= 2.00]  SUM=  02:T107.3      1.56     .204 No_date    3:30   44.48  n/a
004:0699--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:T107.3     1.56     .204 No_date    3:30   44.48  n/a
 *   [RDT= 2.00] out<- 03:Pipe45      1.56     .203 No_date    3:30   44.48  n/a
     [L/S/n=   55./1.900/.013]
     {Vmax= 2.493:Dmax=  .230}
     [Din=  .45:Dused=  .45]
004:0700--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:Pipe45      1.56     .203 No_date    3:30   44.48  n/a
                     + 04:POND1      40.50     .957 No_date    4:16   44.16  n/a
     [DT= 2.00]  SUM=  05:16+10      42.06     .992 No_date    4:14   44.17  n/a
004:0701--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:16+10     42.06     .992 No_date    4:14   44.17  n/a
 *   [RDT= 2.00] out<- 06:Pipe46     42.06     .992 No_date    4:16   44.17  n/a
     [L/S/n=   94./ .600/.013]
     {Vmax= 2.387:Dmax=  .473}
     [Din= 1.20:Dused= 1.20]
004:0702--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:900        7.25    1.078 No_date    3:30   50.65 .779
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 100.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 100.:MNI=.013:SCI=   .0]
004:0703--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:900        7.25    1.078 No_date    3:30   50.65  n/a
     [RDT= 2.00] out<- 08:POND2      7.25     .566 No_date    3:34   50.65  n/a
    {MxStoUsed=.9818E-01}
004:0704--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 08:POND2     7.25     .566 No_date    3:34   50.65  n/a
 *   [RDT= 2.00] out<- 09:Pipe47      7.25     .564 No_date    3:36   50.65  n/a
     [L/S/n=  250./ .400/.013]
     {Vmax= 1.773:Dmax=  .509}
     [Din=  .75:Dused=  .75]
004:0705--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            09:Pipe47     7.25     .564 No_date    3:36   50.65  n/a
                     + 06:Pipe46    42.06     .992 No_date    4:16   44.17  n/a
     [DT= 2.00]  SUM=  01:TRP2      49.31    1.455 No_date    4:10   45.12  n/a
004:0706--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:108         1.10     .145 No_date    3:30   44.48 .684
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
004:0707--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:TRP2       49.31    1.455 No_date    4:10   45.12  n/a
                     + 02:108         1.10     .145 No_date    3:30   44.48  n/a
     [DT= 2.00]  SUM=  03:T108       50.41    1.483 No_date    4:10   45.11  n/a
004:0708--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:T108      50.41    1.483 No_date    4:10   45.11  n/a
 *   [RDT= 2.00] out<- 04:Pipe48     50.41    1.483 No_date    4:10   45.11  n/a
     [L/S/n=   60./ .580/.013]
     (Vmax= 2.622:Dmax=  .599)
     [Din= 1.20:Dused= 1.20]
004:0709--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:Pipe48     50.41    1.483 No_date    4:10   45.11  n/a
 *   [RDT= 2.00] out<- 05:Pipe49     50.41    1.483 No_date    4:10   45.11  n/a
     [L/S/n=   59./ .630/.013]
     (Vmax= 2.705:Dmax=  .585)
     [Din= 1.20:Dused= 1.20]
004:0710--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:ANDPET      7.70     .768 No_date    3:30   40.65 .625
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.300:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 100.:MNI=.013:SCI=   .0]
004:0711--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:ANDPET      7.70     .768 No_date    3:30   40.65  n/a
     [RDT= 2.00] out<- 07:ANDPND      7.70     .503 No_date    3:32   40.65  n/a
     (MxStoUsed=.6808E-01)
004:0712--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:ANDPND      7.70     .503 No_date    3:32   40.65  n/a
 *   [RDT= 2.00] out<- 08:Pipe50      7.70     .503 No_date    3:32   40.65  n/a
     [L/S/n=   59./ .200/.013]
     (Vmax= 1.288:Dmax=  .618)
     [Din=  .75:Dused=  .75)
004:0713--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe49     50.41    1.483 No_date    4:10   45.11  n/a
                     + 08:Pipe50      7.70     .503 No_date    3:32   40.65  n/a
     [DT= 2.00]  SUM=  09:TOTAND     58.11    1.837 No_date    4:08   44.52  n/a
004:0714--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:RETRES       .90     .118 No_date    3:30   46.46 .715
     [XIMP=.63:TIMP=.63]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  20.:MNP=.300:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI=  65.:MNI=.013:SCI=   .0]
004:0715--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:RETRES       .90     .118 No_date    3:30   46.46  n/a
     [RDT= 2.00] out<- 02:POND3        .90     .117 No_date    3:30   46.46  n/a
     (MxStoUsed=.9169E-02)
004:0716--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TOTAND     58.11    1.837 No_date    4:08   44.52  n/a
                     + 02:POND3        .90     .117 No_date    3:30   46.46  n/a
     [DT= 2.00]  SUM=  05:TOT16      59.01    1.875 No_date    4:08   44.55  n/a
004:0717--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:WLMRT       20.72    2.665 No_date    3:30   49.94 .768
     [XIMP=.65:TIMP=.65]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=4.20:LGP= 130.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 371.:MNI=.013:SCI=   .0]
004:0718--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:WEXT        1.58     .146 No_date    3:30   27.21 .419
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     [CN= 78.0: N= 3.00]
     [Tp=  .11:DT= 2.00]
004:0719--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:WLMRT      20.72    2.665 No_date    3:30   49.94  n/a
                     + 07:WEXT        1.58     .146 No_date    3:30   27.21  n/a
     [DT= 2.00]  SUM=  08:TWLMRT     22.30    2.811 No_date    3:30   48.33  n/a
004:0720--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 08:TWLMRT     22.30    2.811 No_date    3:30   48.33  n/a
     [RDT= 2.00] out<- 09:WMRTPD     22.30    1.051 No_date    3:56   48.33  n/a
     (MxStoUsed=.4588E+00)
004:0721--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 09:WMRTPD     22.30    1.051 No_date    3:56   48.33  n/a
     [RDT= 2.00] out<- 01:16thST     22.30    1.051 No_date    3:58   48.33  n/a
     [L/S/n=  180./ .580/.013]
     (Vmax= 2.406:Dmax=  .528)
     [Din= 1.05:Dused= 1.05]
004:0722--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CDNT        3.62     .642 No_date    3:30   61.13 .941
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  33.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.30:LGI= 273.:MNI=.013:SCI=   .0]
004:0723--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:TOT16      59.01    1.875 No_date    4:08   44.55  n/a
                     + 01:16thST     22.30    1.051 No_date    3:58   48.33  n/a
     [DT= 2.00]  SUM=  04:TN1        81.31    2.916 No_date    4:06   45.58  n/a
004:0724--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:CDNT        3.62     .642 No_date    3:30   61.13  n/a
                     + 04:TN1        81.31    2.916 No_date    4:06   45.58  n/a
     [DT= 2.00]  SUM=  03:TND1       84.93    3.209 No_date    3:32   46.25  n/a
004:0725--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:TND1      84.93    3.209 No_date    3:32   46.25  n/a
     [RDT= 2.00] out<- 04:ND1ND2     84.93    3.219 No_date    3:32   46.25  n/a
     [L/S/n=  150./ .730/.013]
     (Vmax= 3.189:Dmax=  .521)
     (HGTH= 1.22:WDTH= 1.93)
004:0726--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA2COM      4.44     .771 No_date    3:30   59.27 .912
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=6.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.40:LGI= 149.:MNI=.013:SCI=   .0]
004:0727--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 05:CA2COM      4.44     .771 No_date    3:30   59.27  n/a
     [LAG=  5.7 min]<- 06:SH2a        4.44     .771 No_date    3:34   59.27  n/a
004:0728--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA3a        5.11     .696 No_date    3:30   48.49 .746
     [XIMP=.55:TIMP=.66]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=7.10:LGP=  28.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 248.:MNI=.013:SCI=   .0]
004:0729--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 07:CA3a        5.11     .696 No_date    3:30   48.49  n/a
     [LAG=  2.5 min]<- 08:SH3a        5.11     .696 No_date    3:32   48.49  n/a
004:0730--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA3b        2.82     .456 No_date    3:30   55.91 .860
     [XIMP=.81:TIMP=.81]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  40.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .80:LGI= 118.:MNI=.013:SCI=   .0]
004:0731--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:ANDCOM      1.10     .197 No_date    3:30   61.13 .941
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  10.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 115.:MNI=.013:SCI=   .0]
004:0732--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ROUTE RESERVOIR -> 01:ANDCOM      1.10      .197 No_date    3:30   61.13  n/a
     [RDT= 2.00] out<- 02:ACPND       1.10      .184 No_date    3:30   61.13  n/a
    [MxStoUsed=.1114E-01]
004:0733--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           04:ND1ND2     84.93     3.219 No_date    3:32   46.25  n/a
                    + 06:SH2a        4.44      .771 No_date    3:34   59.27  n/a
     [DT= 2.00]  SUM= 03:T2a        89.37     3.988 No_date    3:32   46.89  n/a
004:0734--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           03:T2a        89.37     3.988 No_date    3:32   46.89  n/a
                    + 08:SH3a        5.11      .696 No_date    3:32   48.49  n/a
     [DT= 2.00]  SUM= 04:T2b        94.48     4.684 No_date    3:32   46.98  n/a
004:0735--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           04:T2b        94.48     4.684 No_date    3:32   46.98  n/a
                    + 02:ACPND       1.10      .184 No_date    3:30   61.13  n/a
     [DT= 2.00]  SUM= 05:T2c        95.58     4.863 No_date    3:32   47.14  n/a
004:0736--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           05:T2c        95.58     4.863 No_date    3:32   47.14  n/a
                    + 09:CA3b        2.82      .456 No_date    3:30   55.91  n/a
     [DT= 2.00]  SUM= 03:TND2       98.40     5.268 No_date    3:30   47.39  n/a
004:0737--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD   03:TND2       98.40     5.268 No_date    3:30   47.39  n/a
       Major System /  04:CHAN       8.41     2.248 No_date    3:30   47.39  n/a
       Minor System \  05:PIPE      89.99     3.020 No_date    3:10   47.39  n/a
004:0738--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE        -> 05:PIPE      89.99     3.020 No_date    3:10   47.39  n/a
     [RDT= 2.00] out<- 06:N3N4P     89.99     3.020 No_date    4:04   47.39  n/a
     [L/S/n=  640./ .600/.013]
     [Vmax= 3.043:Dmax=  .985]
     [Din= 1.20:Dused= 1.20]
004:0739--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL     -> 04:CHAN       8.41     2.248 No_date    3:30   47.39  n/a
 *   [RDT= 2.00] out<- 07:N2N3C       8.41     2.165 No_date    3:32   47.39  n/a
     [L/S/n=  240./ .650/.035]
     [Vmax= 1.165:Dmax=  .439]
004:0740--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    04:CA1COM      5.30      .914 No_date    3:30   59.27 .912
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI= 146.:MNI=.013:SCI=   .0]
004:0741--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    05:CA1IND      10.99     1.698 No_date    3:30   53.67 .826
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.10:LGI= 234.:MNI=.013:SCI=   .0]
004:0742--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           04:CA1COM      5.30      .914 No_date    3:30   59.27  n/a
                    + 05:CA1IND     10.99     1.698 No_date    3:30   53.67  n/a
     [DT= 2.00]  SUM= 08:TOT1       16.29     2.612 No_date    3:30   55.49  n/a
004:0743--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD         -> 08:TOT1      16.29     2.612 No_date    3:30   55.49  n/a
     [LAG= 34.4 min]<- 09:SH1       16.29     2.612 No_date    4:04   55.49  n/a
004:0744--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           07:N2N3C       8.41     2.165 No_date    3:32   47.39  n/a
                    + 09:SH1        16.29     2.612 No_date    4:04   55.49  n/a
     [DT= 2.00]  SUM= 02:T3a        24.70     3.245 No_date    4:04   52.73  n/a
004:0745--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    08:CA2IND      5.15      .796 No_date    3:30   53.67 .826
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.20:LGI= 227.:MNI=.013:SCI=   .0]
004:0746--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD         -> 08:CA2IND    5.15      .796 No_date    3:30   53.67  n/a
     [LAG= 37.7 min]<- 03:SH2b      5.15      .796 No_date    4:06   53.67  n/a
004:0747--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    CALIB STANDHYD    04:CA4b       14.53     1.136 No_date    3:36   38.99 .600
     [XIMP=.25:TIMP=.44]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  73.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .30:LGI= 466.:MNI=.013:SCI=   .0]
004:0748--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           02:T3a        24.70     3.245 No_date    4:04   52.73  n/a
                    + 03:SH2b        5.15      .796 No_date    4:06   53.67  n/a
     [DT= 2.00]  SUM= 01:T3a        29.85     4.035 No_date    4:04   52.90  n/a
004:0749--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:T3a        29.85     4.035 No_date    4:04   52.90  n/a
                    + 04:CA4b       14.53     1.136 No_date    3:36   38.99  n/a
     [DT= 2.00]  SUM= 03:T3b        44.38     4.794 No_date    3:44   48.34  n/a
004:0750--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    01:MALL       13.24     1.851 No_date    3:32   56.78 .873
     [XIMP=.63:TIMP=.89]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.30:LGP= 120.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .20:LGI= 293.:MNI=.013:SCI=   .0]
004:0751--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD   01:MALL       13.24     1.851 No_date    3:32   56.78  n/a
       Major System /  02:CHAN       3.05     1.064 No_date    3:32   56.78  n/a
       Minor System \  04:PIPE      10.19      .787 No_date    3:10   56.78  n/a
004:0752--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           03:T3b        44.38     4.794 No_date    3:44   48.34  n/a
                    + 02:CHAN        3.05     1.064 No_date    3:32   56.78  n/a
     [DT= 2.00]  SUM= 05:TND3       47.43     5.413 No_date    3:40   48.88  n/a
004:0753--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL     -> 05:TND3      47.43     5.413 No_date    3:40   48.88  n/a
 *   [RDT= 2.00] out<- 07:ND3ND4     47.43     5.278 No_date    3:44   48.88  n/a
     [L/S/n=  390./ .650/.035]
     [Vmax= 1.517:Dmax=  .697]
004:0754--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    08:CA5        15.85     1.238 No_date    3:30   37.08 .570
     [XIMP=.32:TIMP=.47]
     [LOSS= 2 :CN= 69.0]
     [Pervious     area: IAper=5.00:SLPP=1.50:LGP= 103.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.40:LGI= 289.:MNI=.013:SCI=   .0]
004:0755--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD         -> 08:CA5       15.85     1.238 No_date    3:30   37.08  n/a
     [LAG=  5.9 min]<- 09:SH5       15.85     1.238 No_date    3:34   37.08  n/a
004:0756--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    01:CA6b       32.10     1.639 No_date    3:34   37.32 .574
     [XIMP=.20:TIMP=.40]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP= .70:LGP= 135.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 539.:MNI=.013:SCI=   .0]
004:0757--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:CA6b       32.10     1.639 No_date    3:34   37.32  n/a
                    + 09:SH5        15.85     1.238 No_date    3:34   37.08  n/a
     [DT= 2.00]  SUM= 02:T56ND3     47.95     2.877 No_date    3:34   37.24  n/a
004:0758--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    03:CA7         2.90      .195 No_date    3:30   32.62 .502
     [XIMP=.33:TIMP=.38]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper=6.50:SLPP= .60:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 130.:MNI=.013:SCI=   .0]
004:0759--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD         -> 03:CA7         2.90      .195 No_date    3:30   32.62  n/a
     [LAG=  6.6 min]<- 01:SH7         2.90      .195 No_date    3:36   32.62  n/a
004:0760--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    05:CA8         8.01     1.263 No_date    3:30   55.47 .853
     [XIMP=.73:TIMP=.84]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  60.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI=  95.:MNI=.013:SCI=   .0]
004:0761--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    SHIFT HYD       -> 05:CA8        8.01    1.263 No_date    3:30   55.47  n/a
     [LAG= 21.3 min]<- 08:SH8        8.01    1.263 No_date    3:50   55.47  n/a
004:0762--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA11       4.18     .352 No_date    3:32   37.66 .579
     [XIMP=.28:TIMP=.36]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 270.:MNI=.013:SCI=   .0]
004:0763--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:SH7        2.90     .195 No_date    3:36   32.62  n/a
                     + 08:SH8        8.01    1.263 No_date    3:50   55.47  n/a
     [DT= 2.00]  SUM=  05:T7811a     10.91    1.358 No_date    3:38   49.40  n/a
004:0764--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T7811a     10.91    1.358 No_date    3:38   49.40  n/a
                     + 09:CA11       4.18     .352 No_date    3:32   37.66  n/a
     [DT= 2.00]  SUM=  03:T7811b     15.09    1.674 No_date    3:34   46.15  n/a
004:0765--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T7811b     15.09    1.674 No_date    3:34   46.15  n/a
                     + 02:T56ND3     47.95    2.877 No_date    3:34   37.24  n/a
     [DT= 2.00]  SUM=  05:T7811     63.04    4.552 No_date    3:34   39.37  n/a
004:0766--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:ND3ND4     47.43    5.278 No_date    3:44   48.88  n/a
                     + 05:T7811     63.04    4.552 No_date    3:34   39.37  n/a
     [DT= 2.00]  SUM=  02:T56781   110.47    9.344 No_date    3:38   43.46  n/a
004:0767--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA3c       1.14     .135 No_date    3:30   43.42 .668
     {XIMP=.45:TIMP=.50}
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.50:LGI=  80.:MNI=.013:SCI=   .0]
004:0768--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:CA3c       1.14     .135 No_date    3:30   43.42  n/a
     [RDT= 2.00] out<- 05:3cPIPE     1.14     .130 No_date    3:30   43.42  n/a
     [L/S/n=  240./ .200/.013]
     {Vmax=  .965:Dmax=  .296}
     {Din=  .60:Dused=  .60}
004:0769--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA4a       1.86     .297 No_date    3:30   54.68 .841
     [XIMP=.75:TIMP=.80]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  24.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  69.:MNI=.013:SCI=   .0]
004:0770--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:PIPE      10.19     .787 No_date    3:10   56.78  n/a
                     + 03:CA4a       1.86     .297 No_date    3:30   54.68  n/a
     [DT= 2.00]  SUM=  08:TMLL4a     12.05    1.084 No_date    3:30   56.45  n/a
004:0771--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TMLL4a     12.05    1.084 No_date    3:30   56.45  n/a
                     + 05:3cPIPE     1.14     .130 No_date    3:30   43.42  n/a
     [DT= 2.00]  SUM=  07:TMLL3c     13.19    1.214 No_date    3:30   55.33  n/a
004:0772--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:TMLL3c     13.19    1.214 No_date    3:30   55.33  n/a
     [RDT= 2.00] out<- 09:ML3CN4     13.19    1.208 No_date    3:30   55.33  n/a
     [L/S/n=  405./ .600/.013]
     {Vmax= 2.168:Dmax=  .287}
     {HGTH= 1.22:WDTH= 1.93}
004:0773--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA6IND     3.04     .468 No_date    3:30   53.67 .826
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  87.:MNI=.013:SCI=   .0]
004:0774--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:CA6IND     3.04     .468 No_date    3:30   53.67  n/a
                     + 09:ML3CN4     13.19    1.208 No_date    3:30   55.33  n/a
     [DT= 2.00]  SUM=  01:ML436a     16.23    1.676 No_date    3:30   55.02  n/a
004:0775--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            02:T56781   110.47    9.344 No_date    3:38   43.46  n/a
                     + 01:ML436a     16.23    1.676 No_date    3:30   55.02  n/a
     [DT= 2.00]  SUM=  03:ML436b    126.70   10.555 No_date    3:38   44.94  n/a
004:0776--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:N3N4P      89.99    3.020 No_date    4:04   47.39  n/a
                     + 03:ML436b    126.70   10.555 No_date    3:38   44.94  n/a
     [DT= 2.00]  SUM=  04:TND4     216.69   13.575 No_date    3:38   45.96  n/a
004:0777--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:TND4     216.69   13.575 No_date    3:38   45.96  n/a
     [RDT= 2.00] out<- 02:ND4ND5   216.69   13.405 No_date    3:42   45.96  n/a
     [L/S/n=  697./ .650/.035]
     {Vmax= 2.576:Dmax= 1.895}
004:0778--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:MLLRE      1.26     .189 No_date    3:30   51.19 .788
     [XIMP=.60:TIMP=.74]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.90:LGP=  26.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  73.:MNI=.013:SCI=   .0]
004:0779--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:MLLRE      1.26     .189 No_date    3:30   51.19  n/a
     [RDT= 2.00] out<- 04:MLLRCE     1.26     .095 No_date    3:36   51.19  n/a
     {MxStoUsed=.1730E-01}
004:0780--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 04:MLLRCE     1.26     .095 No_date    3:36   51.19  n/a
     [LAG= 18.8 min]<- 05:SHMLRE     1.26     .095 No_date    3:54   51.19  n/a
004:0781--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:MLLRW      1.73     .291 No_date    3:30   58.19 .895
     [XIMP=.82:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.35:LGP=  37.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .42:LGI= 120.:MNI=.013:SCI=   .0]
004:0782--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:MLLRW      1.73     .291 No_date    3:30   58.19  n/a
     [RDT= 2.00] out<- 07:MLLRCW     1.73     .198 No_date    3:34   58.19  n/a
     {MxStoUsed=.2594E-01}
004:0783--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:MLLRCW     1.73     .198 No_date    3:34   58.19  n/a
     [LAG= 13.4 min]<- 08:SHMLRW     1.73     .198 No_date    3:46   58.19  n/a
004:0784--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA9        7.85     .739 No_date    3:30   41.07 .632
     [XIMP=.42:TIMP=.43]
     [LOSS= 2 :CN= 75.0]
     [Pervious     area: IAper=5.00:SLPP=1.60:LGP=  96.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.70:LGI= 207.:MNI=.013:SCI=   .0]
004:0785--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TOTMLR     1.73     .198 No_date    3:46   58.19  n/a
                     + 05:SHMLRE     1.26     .095 No_date    3:54   51.19  n/a
     [DT= 2.00]  SUM=  08:TOTMLR     2.99     .289 No_date    3:48   55.24  n/a
004:0786--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:CA9        7.85     .739 No_date    3:30   41.07  n/a
                     + 08:TOTMLR     2.99     .289 No_date    3:48   55.24  n/a
     [DT= 2.00]  SUM=  03:T9MLR     10.84     .949 No_date    3:30   44.98  n/a
004:0787--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:T9MLR     10.84     .949 No_date    3:30   44.98  n/a
     [LAG= 19.3 min]<- 04:CA9       10.84     .949 No_date    3:48   44.98  n/a
004:0788--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA10IN     17.87    2.662 No_date    3:30   53.67 .826
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     {Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0}
     {Impervious   area: IAimp=2.00:SLPI=1.20:LGI= 427.:MNI=.013:SCI=   .0}
004:0789--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA13       7.15     .638 No_date    3:30   42.23 .650
     {XIMP=.44:TIMP=.54}
     {LOSS= 2 :CN= 74.0}
     [Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  80.:MNI=.013:SCI=   .0]
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004:0790----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:CA14        7.52      .494 No_date     3:30   35.84 .551
     [XIMP=.32:TIMP=.35]
     [LOSS= 2 :CN= 74.0]
     [Pervious      area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=1.80:LGI= 111.:MNI=.013:SCI=    .0]
004:0791----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:CA10IN     17.87     2.662 No_date     3:30   53.67  n/a
                      + 06:CA13        7.15      .638 No_date     3:30   42.23  n/a
     [DT= 2.00]  SUM=  08:T1013      25.02     3.300 No_date     3:30   50.40  n/a
004:0792----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:T1013      25.02     3.300 No_date     3:30   50.40  n/a
                      + 04:CA9        10.84      .949 No_date     3:48   44.98  n/a
     [DT= 2.00]  SUM=  03:T14        35.86     3.951 No_date     3:30   48.76  n/a
004:0793----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T14        35.86     3.951 No_date     3:30   48.76  n/a
                      + 07:CA14        7.52      .494 No_date     3:30   35.84  n/a
     [DT= 2.00]  SUM=  04:T91013     43.38     4.445 No_date     3:30   46.52  n/a
004:0794----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:ND4ND5    216.69    13.405 No_date     3:42   45.96  n/a
                      + 04:T91013     43.38     4.445 No_date     3:30   46.52  n/a
     [DT= 2.00]  SUM=  07:TND5      260.07    16.699 No_date     3:32   46.05  n/a
004:0795----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 07:TND5     260.07    16.699 No_date     3:32   46.05  n/a
     [RDT= 2.00] out<- 08:ND5ND6    260.07    16.343 No_date     3:36   46.05  n/a
     [L/S/n=  578./1.640/.035[
     {Vmax= 2.241:Dmax= 1.842}
004:0796----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        09:15WHZ       1.38      .076 No_date     3:38   22.22 .342
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
004:0797----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:15WRE      12.42     1.475 No_date     3:30   42.48 .653
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=1.80:LGI= 221.:MNI=.013:SCI=    .0]
004:0798----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:15WRE      12.42     1.475 No_date     3:30   42.48  n/a
                      + 09:15WHZ       1.38      .076 No_date     3:38   22.22  n/a
     [DT= 2.00]  SUM=  03:T15W       13.80     1.539 No_date     3:30   40.45  n/a
004:0799----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        04:15EHZ       3.15      .174 No_date     3:38   22.22 .342
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
004:0800----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:15EIND      4.89      .731 No_date     3:30   53.67 .826
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=2.00:LGI= 500.:MNI=.013:SCI=    .0]
004:0801----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:15EHZ       3.15      .174 No_date     3:38   22.22  n/a
                      + 06:15EIND      4.89      .731 No_date     3:30   53.67  n/a
     [DT= 2.00]  SUM=  07:T15E        8.04      .877 No_date     3:30   41.35  n/a
004:0802----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:T15E        8.04      .877 No_date     3:30   41.35  n/a
                      + 03:T15W       13.80     1.539 No_date     3:30   40.45  n/a
     [DT= 2.00]  SUM=  09:T15EW      21.84     2.416 No_date     3:30   40.78  n/a
004:0803----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:UNGAS        .99      .098 No_date     3:30   32.67 .503
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 74.0]
     [Pervious      area: IAper=5.00:SLPP=3.30:LGP=  15.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=1.20:LGI=  90.:MNI=.013:SCI=    .0]
004:0804----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:UNGAS        .99      .098 No_date     3:30   32.67  n/a
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     [RDT= 2.00] out<- 02:UNGPND        .99      .027 No_date     4:04   32.67  n/a
     {MxStoUsed=.1513E-01}
004:0805----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 02:UNGPND        .99      .027 No_date     4:04   32.67  n/a
     [LAG= 16.3 min]<- 03:SHUNGS        .99      .027 No_date     4:20   32.67  n/a
004:0806----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:T15EW      21.84     2.416 No_date     3:30   40.78  n/a
                      + 03:SHUNGS       .99      .027 No_date     4:20   32.67  n/a
     [DT= 2.00]  SUM=  04:T15        22.83     2.428 No_date     3:30   40.43  n/a
004:0807----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:CA16I      26.59     3.859 No_date     3:30   53.67 .826
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=1.10:LGI= 551.:MNI=.013:SCI=    .0[
004:0808----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:CA16I      26.59     3.859 No_date     3:30   53.67  n/a
                      + 04:T15        22.83     2.428 No_date     3:30   40.43  n/a
     [DT= 2.00]  SUM=  09:T1516      49.42     6.287 No_date     3:30   47.55  n/a
004:0809----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:ND5ND6    260.07    16.343 No_date     3:36   46.05  n/a
                      + 09:T1516      49.42     6.287 No_date     3:30   47.55  n/a
     [DT= 2.00]  SUM=  03:TND6      309.49    22.022 No_date     3:32   46.29  n/a
004:0810----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 03:TND6     309.49    22.022 No_date     3:32   46.29  n/a
     [RDT= 2.00] out<- 02:ND6ND8    309.49    21.736 No_date     3:36   46.29  n/a
     [L/S/n=  503./1.290/.035]
     {Vmax= 3.127:Dmax= 1.672}
004:0811----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:CA17RW      6.93      .845 No_date     3:30   42.48 .653
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=3.80:LGI= 263.:MNI=.013:SCI=    .0]
004:0812----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        05:17WOS       2.11      .167 No_date     3:34   26.09 .401
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
004:0813----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:CA17RW      6.93      .845 No_date     3:30   42.48  n/a
                      + 05:17WOS       2.11      .167 No_date     3:34   26.09  n/a
     [DT= 2.00]  SUM=  04:T17         9.04     1.004 No_date     3:30   38.65  n/a
004:0814----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:CA17RE      3.51      .418 No_date     3:30   42.48 .653
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=2.40:LGI= 246.:MNI=.013:SCI=    .0]
004:0815----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        08:17EOS       6.57      .519 No_date     3:34   26.09 .401
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
004:0816----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:17EOS       6.57      .519 No_date     3:34   26.09  n/a
                      + 06:CA17RE      3.51      .418 No_date     3:30   42.48  n/a
     [DT= 2.00]  SUM=  01:T17        10.08      .919 No_date     3:32   31.80  n/a
004:0817----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:T17         10.08      .919 No_date     3:32   31.80  n/a
                      + 04:T17         9.04     1.004 No_date     3:30   38.65  n/a
     [DT= 2.00]  SUM=  09:T17RES      19.12     1.917 No_date     3:30   35.04  n/a
004:0818----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:ND6ND8    309.49    21.736 No_date     3:36   46.29  n/a
                      + 09:T17RES      19.12     1.917 No_date     3:30   35.04  n/a
     [DT= 2.00]  SUM=  05:TND8      328.61    23.441 No_date     3:34   45.64  n/a
004:0819----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 05:TND8     328.61    23.441 No_date     3:34   45.64  n/a
     [RDT= 2.00] out<- 06:ND8ND9    328.61    23.187 No_date     3:36   45.64  n/a
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     [L/S/n=  405./1.480/.045[
     [Vmax= 2.530:Dmax= 1.365}
004:0820---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:CA18      12.02      .567 No_date    3:50   25.19 .387
     [CN= 78.0: N= 3.00[
     [Tp=  .41:DT= 2.00]
004:0821---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:CA18      12.02      .567 No_date    3:50   25.19  n/a
                     + 06:ND8ND9    328.61   23.187 No_date    3:36   45.64  n/a
     [DT= 2.00[  SUM=  08:TND9     340.63   23.650 No_date    3:36   44.92  n/a
004:0822---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 08:TND9     340.63   23.650 No_date    3:36   44.92  n/a
     [RDT= 2.00[ out<- 09:ND9ND1   340.63   23.412 No_date    3:40   44.92  n/a
     [L/S/n=  505./1.900/.045[
     {Vmax= 2.615:Dmax= 1.044}
004:0823---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:CA19       1.18      .078 No_date    3:34   22.22 .342
     [CN= 74.0: N= 3.00]
     [Tp=  .17:DT= 2.00[
004:0824---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CA20IN     7.54     1.137 No_date    3:30   53.67 .826
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0[
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 194.:MNI=.013:SCI=   .0]
004:0825---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA19       1.18      .078 No_date    3:34   22.22  n/a
                     + 02:CA20IN     7.54     1.137 No_date    3:30   53.67  n/a
     [DT= 2.00]  SUM=  03:T1920      8.72     1.211 No_date    3:30   49.41  n/a
004:0826---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T1920      8.72     1.211 No_date    3:30   49.41  n/a
                     + 09:ND9ND1    340.63   23.412 No_date    3:40   44.92  n/a
     [DT= 2.00]  SUM=  04:TND10     349.35   24.115 No_date    3:38   45.03  n/a
  ** END OF RUN :   4

*******************************************************************************



 RUN:COMMAND#
 005:0830-------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2     (1=imperial, 2=metric output)]
      [NSTORM=   1 [
      [NRUN  =   5 ]
*#*****************************************************************************
*#  Project Name: [Owen Sound Drainage Study]    Project Number: [MCG 10665]
*#  Date        : 04-12-2007
*#  Modeller    : [T.Lozon]
*#  Company     : R.J. Burnside and Associates
*#  License #   :  3846413
 005:0832-------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  = 50-Year SCS Type-II Storm Distribution (6-hour) Owen Sound,
      [SDT=30.00:SDUR=   6.50:PTOT= 71.90]
 005:0833---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:TRA7       1.82      .286 No_date    3:30   54.48 .758
      [XIMP=.60:TIMP=.60]
      [LOSS= 2 :CN= 77.0[
      [Pervious     area: IAper=5.00:SLPP=  .50:LGP=  70.:MNP=.030:SCP=   .0]
      [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 170.:MNI=.013:SCI=   .0]
 005:0834---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:A8          .28      .043 No_date    3:30   50.62 .704
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     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0[
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  82.:MNP=.030:SCP=   .0[
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  82.:MNI=.013:SCI=   .0]
005:0835---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A8          .28      .043 No_date    3:30   50.62  n/a
 *   [RDT= 2.00[ out<- 02:Pipe16      .28      .043 No_date    3:30   50.62  n/a
     [L/S/n=   15./2.000/.013[
     {Vmax= 1.599:Dmax=  .094}
     [Din=  .53:Dused=  .53}
005:0836---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe16      .28      .043 No_date    3:30   50.62  n/a
                     + 04:TRA7       1.82      .286 No_date    3:30   54.48  n/a
     [DT= 2.00]  SUM=  03:TRA8       2.10      .329 No_date    3:30   53.97  n/a
005:0837---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A9          .28      .034 No_date    3:30   35.20 .490
     [XIMP=.10:TIMP=.10[
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=4.10:LGP= 100.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI=  35.:MNI=.013:SCI=   .0]
005:0838---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:A9          .28      .034 No_date    3:30   35.20  n/a
 *   [RDT= 2.00[ out<- 05:Pipe17      .28      .034 No_date    3:30   35.20  n/a
     [L/S/n=   29./2.000/.013[
     {Vmax= 1.514:Dmax=  .085}
     [Din=  .53:Dused=  .53}
005:0839---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe17      .28      .034 No_date    3:30   35.20  n/a
                     + 03:TRA8       2.10      .329 No_date    3:30   53.97  n/a
     [DT= 2.00]  SUM=  06:TRA9       2.38      .363 No_date    3:30   51.73  n/a
005:0840---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:A10         .59      .091 No_date    3:30   50.62 .704
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0[
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  73.:MNI=.013:SCI=   .0]
005:0841---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:A10         .59      .091 No_date    3:30   50.62  n/a
 *   [RDT= 2.00] out<- 08:Pipe18      .59      .091 No_date    3:30   50.62  n/a
     {L/S/n=   60./2.000/.013]
     {Vmax= 2.019:Dmax=  .137}
     [Din=  .53:Dused=  .53}
005:0842---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe18      .59      .091 No_date    3:30   50.62  n/a
                     + 06:TRA9       2.38      .363 No_date    3:30   51.73  n/a
     [DT= 2.00]  SUM=  09:TRA10      2.97      .454 No_date    3:30   51.51  n/a
005:0843---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A11         .82      .127 No_date    3:30   50.62 .704
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  67.:MNI=.013:SCI=   .0]
005:0844---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A11         .82      .127 No_date    3:30   50.62  n/a
 *   [RDT= 2.00] out<- 02:Pipe19      .82      .127 No_date    3:30   50.62  n/a
     {L/S/n=   59./2.000/.013[
     {Vmax= 2.219:Dmax=  .163}
     [Din=  .53:Dused=  .53}
005:0845---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TRA10      2.97      .454 No_date    3:30   51.51  n/a
                     + 02:Pipe19      .82      .127 No_date    3:30   50.62  n/a
     [DT= 2.00]  SUM=  03:TRA11      3.80      .581 No_date    3:30   51.32  n/a
005:0846---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A12         .30      .038 No_date    3:30   39.06 .543
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.030:SCP=   .0]
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     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  58.:MNI=.013:SCI=   .0]
005:0847--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:A12         .30     .038 No_date    3:30   39.06  n/a
 *  [RDT= 2.00] out<- 05:Pipe20       .30     .038 No_date    3:30   39.06  n/a
     [L/S/n=   69./2.000/.013]
     [Vmax= 1.546:Dmax=  .088]
     [Din=  .53:Dused=  .53]
005:0848--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           05:Pipe20       .30     .038 No_date    3:30   39.06  n/a
                   +  03:TRA11       3.80     .581 No_date    3:30   51.32  n/a
     [DT= 2.00]  SUM=  06:TRA12       4.10     .619 No_date    3:30   50.42  n/a
005:0849--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD    07:A13          .31     .042 No_date    3:30   42.91 .597
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  68.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  68.:MNI=.013:SCI=   .0]
005:0850--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:A13         .31     .042 No_date    3:30   42.91  n/a
 *  [RDT= 2.00] out<- 08:Pipe21       .31     .042 No_date    3:30   42.91  n/a
     [L/S/n=   53./1.900/.013]
     [Vmax= 1.561:Dmax=  .094]
     [Din=  .53:Dused=  .53]
005:0851--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           08:Pipe21       .31     .042 No_date    3:30   42.91  n/a
                   +  06:TRA12       4.10     .619 No_date    3:30   50.42  n/a
     [DT= 2.00]  SUM=  09:TRA13       4.41     .661 No_date    3:30   49.89  n/a
005:0852--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD    01:A14          .22     .031 No_date    3:30   42.91 .597
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
005:0853--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A14         .22     .031 No_date    3:30   42.91  n/a
 *  [RDT= 2.00] out<- 02:Pipe22       .22     .031 No_date    3:30   42.91  n/a
     [L/S/n=   52./1.250/.013]
     [Vmax= 1.201:Dmax=  .086]
     [Din=  .60:Dused=  .60]
005:0854--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           02:Pipe22       .22     .031 No_date    3:30   42.91  n/a
                   +  09:TRA13       4.41     .661 No_date    3:30   49.89  n/a
     [DT= 2.00]  SUM=  03:TRA14       4.63     .692 No_date    3:30   49.56  n/a
005:0855--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD    04:A15          .24     .033 No_date    3:30   42.91 .597
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
005:0856--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:A15         .24     .033 No_date    3:30   42.91  n/a
 *  [RDT= 2.00] out<- 05:Pipe23       .24     .033 No_date    3:30   42.91  n/a
     [L/S/n=   10./ .500/.013]
     [Vmax=  .854:Dmax=  .103]
     [Din=  .75:Dused=  .75]
005:0857--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           05:Pipe23       .24     .033 No_date    3:30   42.91  n/a
                   +  03:TRA14       4.63     .692 No_date    3:30   49.56  n/a
     [DT= 2.00]  SUM=  06:TRA15       4.87     .725 No_date    3:30   49.23  n/a
005:0858--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    01:A101         3.00     .511 No_date    3:30   56.99 .793
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 150.:MNI=.013:SCI=   .0]
005:0859--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A101        3.00     .511 No_date    3:30   56.99  n/a
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 *  [RDT= 2.00] out<- 02:Pipe24       3.00     .510 No_date    3:30   56.99  n/a
     [L/S/n=   60./ .750/.013]
     [Vmax= 2.198:Dmax=  .353]
     [Din=  .90:Dused=  .90]
005:0860--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:Pipe24      3.00     .510 No_date    3:30   56.99  n/a
 *  [RDT= 2.00] out<- 03:Pipe25       3.00     .509 No_date    3:30   56.99  n/a
     [L/S/n=   36./ .400/.013]
     [Vmax= 1.737:Dmax=  .473]
     [Din=  .75:Dused=  .75]
005:0861--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           06:TRA15        4.87     .725 No_date    3:30   49.23  n/a
                   +  03:Pipe25       3.00     .509 No_date    3:30   56.99  n/a
     [DT= 2.00]  SUM=  04:TRA101       7.87    1.234 No_date    3:30   52.19  n/a
005:0862--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:TRA101      7.87    1.234 No_date    3:30   52.19  n/a
 *  [RDT= 2.00] out<- 05:Pipe26       7.87    1.232 No_date    3:30   52.19  n/a
     [L/S/n=   51./ .650/.013]
     [Vmax= 2.573:Dmax=  .635]
     [Din=  .90:Dused=  .90]
005:0863--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD    01:A102         .74     .141 No_date    3:30   63.45 .882
     [XIMP=.80:TIMP=.80]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  70.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
005:0864--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A102        .74     .141 No_date    3:30   63.45  n/a
 *  [RDT= 2.00] out<- 02:Pipe27       .74     .141 No_date    3:30   63.45  n/a
     [L/S/n=   42./1.000/.013]
     [Vmax= 1.766:Dmax=  .255]
     [Din=  .38:Dused=  .38]
005:0865--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           05:Pipe26       7.87    1.232 No_date    3:30   52.19  n/a
                   +  02:Pipe27        .74     .141 No_date    3:30   63.45  n/a
     [DT= 2.00]  SUM=  04:8thSTR       8.61    1.372 No_date    3:30   53.16  n/a
005:0866--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:8thSTR      8.61    1.372 No_date    3:30   53.16  n/a
 *  [RDT= 2.00] out<- 05:Pipe28       8.61    1.370 No_date    3:30   53.16  n/a
     [L/S/n=   88./3.260/.013]
     [Vmax= 4.895:Dmax=  .455]
     [Din=  .75:Dused=  .75]
005:0867--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD    06:A103         2.55     .451 No_date    3:30   56.99 .793
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
005:0868--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:A103        2.55     .451 No_date    3:30   56.99  n/a
 *  [RDT= 2.00] out<- 07:Pipe29       2.55     .450 No_date    3:30   56.99  n/a
     [L/S/n=   65./2.800/.013]
     [Vmax= 3.462:Dmax=  .251]
     [Din=  .75:Dused=  .75]
005:0869--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           05:Pipe28       8.61    1.370 No_date    3:30   53.16  n/a
                   +  07:Pipe29       2.55     .450 No_date    3:30   56.99  n/a
     [DT= 2.00]  SUM=  08:OSCVIb      11.16    1.820 No_date    3:30   54.04  n/a
005:0870--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    09:AREAB        6.03    1.042 No_date    3:30   56.99 .793
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.50:LGP=  55.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI= 320.:MNI=.013:SCI=   .0]
005:0871--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           09:AREAB        6.03    1.042 No_date    3:30   56.99  n/a
                   +  08:OSCVIb      11.16    1.820 No_date    3:30   54.04  n/a
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     [DT= 2.00]  SUM=  01:OSCVI     17.19    2.862 No_date    3:30   55.07  n/a
005:0872--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:OSCVI     17.19    2.862 No_date    3:30   55.07  n/a
 *   [RDT= 2.00] out<- 02:Pipe30    17.19    2.854 No_date    3:30   55.07  n/a
     [L/S/n=  150./2.600/.013]
     {Vmax= 5.230:Dmax=  .723}
     [Din=  .90:Dused=  .90]
005:0873--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:HOSP       4.59     .596 No_date    3:30   44.09 .613
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 130.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 300.:MNI=.013:SCI=   .0]
005:0874--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:HOSP       4.59     .596 No_date    3:30   44.09  n/a
 *   [RDT= 2.00] out<- 04:Pipe31     4.59     .596 No_date    3:32   44.09  n/a
     [L/S/n=  118./6.000/.013]
     {Vmax= 4.810:Dmax=  .348}
     [Din=  .38:Dused=  .42]
005:0875--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:Pipe31     4.59     .596 No_date    3:32   44.09  n/a
 *   [RDT= 2.00] out<- 05:Pipe32     4.59     .597 No_date    3:32   44.09  n/a
     [L/S/n=   70./1.100/.013]
     {Vmax= 2.586:Dmax=  .456}
     [Din=  .60:Dused=  .60]
005:0876--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:Pipe30    17.19    2.854 No_date    3:30   55.07  n/a
                    +   05:Pipe32     4.59     .597 No_date    3:32   44.09  n/a
     [DT= 2.00]  SUM=  06:TOTHSP    21.78    3.442 No_date    3:30   52.76  n/a
005:0877--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:TOTHSP    21.78    3.442 No_date    3:30   52.76  n/a
 *   [RDT= 2.00] out<- 07:Pipe33    21.78    3.438 No_date    3:30   52.76  n/a
     [L/S/n=   60./4.300/.013]
     {Vmax= 6.692:Dmax=  .678}
     [Din=  .90:Dused=  .90]
005:0878--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:104        4.20     .718 No_date    3:30   56.99 .793
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 300.:MNI=.013:SCI=   .0]
005:0879--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:Pipe33    21.78    3.438 No_date    3:30   52.76  n/a
                    +   08:104        4.20     .718 No_date    3:30   56.99  n/a
     [DT= 2.00]  SUM=  09:TOT104    25.98    4.156 No_date    3:30   53.44  n/a
005:0880--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 09:TOT104    25.98    4.156 No_date    3:30   53.44  n/a
 *   [RDT= 2.00] out<- 01:Pipe34    25.98    4.150 No_date    3:30   53.44  n/a
     [L/S/n=   59./1.300/.013]
     {Vmax= 4.466:Dmax=  .921}
     [Din= 1.20:Dused= 1.20]
005:0881--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:105        3.59     .528 No_date    3:30   45.70 .636
     [XIMP=.25:TIMP=.25]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=4.00:LGP= 200.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.00:LGI= 200.:MNI=.013:SCI=   .0]
005:0882--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:105        3.59     .528 No_date    3:30   45.70  n/a
 *   [RDT= 2.00] out<- 03:Pipe35     3.59     .525 No_date    3:30   45.70  n/a
     [L/S/n=   70./ .750/.013]
     {Vmax= 2.143:Dmax=  .489}
     [Din=  .60:Dused=  .60]
005:0883--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe35     3.59     .525 No_date    3:30   45.70  n/a
 *   [RDT= 2.00] out<- 04:Pipe36     3.59     .521 No_date    3:30   45.70  n/a
     [L/S/n=  120./1.050/.013]
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     {Vmax= 2.490:Dmax=  .419}
     [Din=  .60:Dused=  .60]
005:0884--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:105.2      2.44     .357 No_date    3:30   47.31 .658
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 300.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 300.:MNI=.013:SCI=   .0]
005:0885--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:Pipe36     3.59     .521 No_date    3:30   45.70  n/a
                    +   05:105.2      2.44     .357 No_date    3:30   47.31  n/a
     [DT= 2.00]  SUM=  06:T105.2      6.03     .878 No_date    3:30   46.35  n/a
005:0886--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:T105.2      6.03     .878 No_date    3:30   46.35  n/a
 *   [RDT= 2.00] out<- 07:Pipe37     6.03     .875 No_date    3:30   46.35  n/a
     [L/S/n=   75./2.800/.013]
     {Vmax= 4.082:Dmax=  .427}
     [Din=  .60:Dused=  .60]
005:0887--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:Pipe37     6.03     .875 No_date    3:30   46.35  n/a
 *   [RDT= 2.00] out<- 08:Pipe38     6.03     .872 No_date    3:30   46.35  n/a
     [L/S/n=   69./2.200/.013]
     {Vmax= 3.670:Dmax=  .472}
     [Din=  .60:Dused=  .60]
005:0888--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *   CALIB STANDHYD     09:AREA A     2.34     .331 No_date    3:30   39.87 .555
     [XIMP=.01:TIMP=.10]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=8.00:LGP= 190.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  10.:MNI=.013:SCI=   .0]
005:0889--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:AREA A     2.34     .331 No_date    3:30   39.87  n/a
                    +   08:Pipe38     6.03     .872 No_date    3:30   46.35  n/a
     [DT= 2.00]  SUM=  02:OSCVIA     8.37    1.203 No_date    3:30   44.54  n/a
005:0890--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:OSCVIA     8.37    1.203 No_date    3:30   44.54  n/a
 *   [RDT= 2.00] out<- 03:Pipe39     8.37    1.200 No_date    3:30   44.54  n/a
     [L/S/n=   50./3.000/.013]
     {Vmax= 4.420:Dmax=  .516}
     [Din=  .60:Dused=  .63]
005:0891--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe39     8.37    1.200 No_date    3:30   44.54  n/a
 *   [RDT= 2.00] out<- 04:Pipe40     8.37    1.198 No_date    3:30   44.54  n/a
     [L/S/n=   30./1.000/.013]
     {Vmax= 2.926:Dmax=  .633}
     [Din=  .75:Dused=  .77]
005:0892--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:Pipe34    25.98    4.150 No_date    3:30   53.44  n/a
                    +   04:Pipe40     8.37    1.198 No_date    3:30   44.54  n/a
     [DT= 2.00]  SUM=  05:16&10     34.35    5.347 No_date    3:30   51.27  n/a
005:0893--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16&10     34.35    5.347 No_date    3:30   51.27  n/a
 *   [RDT= 2.00] out<- 06:Pipe41    34.35    5.330 No_date    3:30   51.27  n/a
     [L/S/n=   80./ .600/.013]
     {Vmax= 3.532:Dmax= 1.199}
     [Din= 1.50:Dused= 1.50]
005:0894--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *   CALIB STANDHYD     07:999        4.20     .394 No_date    3:30   44.09 .613
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP= 350.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI=  60.:MNI=.013:SCI=   .0]
005:0895--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:999        4.20     .394 No_date    3:30   44.09  n/a
 *   [RDT= 2.00] out<- 08:Pipe42     4.20     .390 No_date    3:30   44.09  n/a
     [L/S/n=  100./3.000/.013]
     {Vmax= 3.448:Dmax=  .304}
```

```
     [Din=  .45:Dused=  .45]
005:0896---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe42     4.20     .390 No_date    3:30   44.09  n/a
                      + 06:Pipe41    34.35    5.330 No_date    3:30   51.27  n/a
     [DT= 2.00]  SUM=  09:TRA999    38.55    5.720 No_date    3:30   50.49  n/a
005:0897---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:106        1.95     .254 No_date    3:30   44.09 .613
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  50.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI=  50.:MNI=.013:SCI=   .0]
005:0898---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:TRA999    38.55    5.720 No_date    3:30   50.49  n/a
                      + 01:106        1.95     .254 No_date    3:30   44.09  n/a
     [DT= 2.00]  SUM=  02:TRA106    40.50    5.974 No_date    3:30   50.18  n/a
005:0899---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 02:TRA106    40.50    5.974 No_date    3:30   50.18  n/a
     [RDT= 2.00] out<- 03:CHAN-1     40.50    5.927 No_date    3:30   50.18  n/a
     [L/S/n=  150./2.000/.035]
     {Vmax= 2.413:Dmax=  .634}
005:0900---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:CHAN-1     40.50    5.927 No_date    3:30   50.18  n/a
     [RDT= 2.00] out<- 04:POND1      40.50    1.526 No_date    4:06   50.18  n/a
    {MxStoUsed=.1262E+01}
005:0901---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      05:107.1       .96     .146 No_date    3:30   50.54 .703
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
005:0902---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:107.1       .96     .146 No_date    3:30   50.54  n/a
 *   [RDT= 2.00] out<- 06:Pipe43       .96     .146 No_date    3:30   50.54  n/a
     [L/S/n=   43./2.400/.013]
     {Vmax= 2.416:Dmax=  .240}
     [Din=  .30:Dused=  .30}
005:0903---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      07:107.2       .30     .046 No_date    3:30   50.54 .703
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
005:0904---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:107.2       .30     .046 No_date    3:30   50.54  n/a
                      + 06:Pipe43       .96     .146 No_date    3:30   50.54  n/a
     [DT= 2.00]  SUM=  08:T107.2      1.26     .192 No_date    3:30   50.54  n/a
005:0905---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 08:T107.2      1.26     .192 No_date    3:30   50.54  n/a
 *   [RDT= 2.00] out<- 09:Pipe44       1.26     .191 No_date    3:30   50.54  n/a
     [L/S/n=   65./2.200/.013]
     {Vmax= 2.575:Dmax=  .239}
     [Din=  .38:Dused=  .38}
005:0906---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:107.3       .30     .046 No_date    3:30   50.54 .703
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
005:0907---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:107.3       .30     .046 No_date    3:30   50.54  n/a
                      + 09:Pipe44      1.26     .191 No_date    3:30   50.54  n/a
     [DT= 2.00]  SUM=  02:T107.3      1.56     .237 No_date    3:30   50.54  n/a
005:0908---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:T107.3      1.56     .237 No_date    3:30   50.54  n/a
 *   [RDT= 2.00] out<- 03:Pipe45       1.56     .236 No_date    3:30   50.54  n/a
     [L/S/n=   55./1.900/.013]
     {Vmax= 2.584:Dmax=  .252}
```



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     [Din=  .45:Dused=  .45]
005:0909---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:Pipe45     1.56     .236 No_date    3:30   50.54  n/a
                      + 04:POND1     40.50    1.526 No_date    4:06   50.18  n/a
     [DT= 2.00]  SUM=  05:16+10      42.06    1.576 No_date    4:06   50.20  n/a
005:0910---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:16+10      42.06    1.576 No_date    4:06   50.20  n/a
 *   [RDT= 2.00] out<- 06:Pipe46      42.06    1.574 No_date    4:06   50.20  n/a
     [L/S/n=   94./ .600/.013]
     {Vmax= 2.697:Dmax=  .615}
     [Din= 1.20:Dused= 1.20}
005:0911---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      07:900        7.25    1.226 No_date    3:30   56.99 .793
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 100.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 100.:MNI=.013:SCI=   .0]
005:0912---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:900        7.25    1.226 No_date    3:30   56.99  n/a
     [RDT= 2.00] out<- 08:POND2      7.25     .602 No_date    3:34   56.99  n/a
    {MxStoUsed=.1182E+00}
005:0913---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 08:POND2      7.25     .602 No_date    3:34   56.99  n/a
 *   [RDT= 2.00] out<- 09:Pipe47      7.25     .600 No_date    3:38   56.99  n/a
     [L/S/n=  250./ .400/.013]
     {Vmax= 1.790:Dmax=  .534}
     [Din=  .75:Dused=  .75}
005:0914---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:Pipe47     7.25     .600 No_date    3:38   56.99  n/a
                      + 06:Pipe46    42.06    1.574 No_date    4:06   50.20  n/a
     [DT= 2.00]  SUM=  01:TRP2      49.31    2.113 No_date    4:06   51.20  n/a
005:0915---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      02:108        1.10     .168 No_date    3:30   50.54 .703
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
005:0916---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:TRP2      49.31    2.113 No_date    4:06   51.20  n/a
                      + 02:108        1.10     .168 No_date    3:30   50.54  n/a
     [DT= 2.00]  SUM=  03:T108      50.41    2.148 No_date    4:06   51.18  n/a
005:0917---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:T108      50.41    2.148 No_date    4:06   51.18  n/a
 *   [RDT= 2.00] out<- 04:Pipe48      50.41    2.149 No_date    4:06   51.18  n/a
     [L/S/n=   60./ .580/.013]
     {Vmax= 2.862:Dmax=  .756}
     [Din= 1.20:Dused= 1.20}
005:0918---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:Pipe48     50.41    2.149 No_date    4:06   51.18  n/a
 *   [RDT= 2.00] out<- 05:Pipe49     50.41    2.149 No_date    4:06   51.18  n/a
     [L/S/n=   59./ .630/.013]
     {Vmax= 2.955:Dmax=  .736}
     [Din= 1.20:Dused= 1.20}
005:0919---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:ANDPET     7.70     .875 No_date    3:30   45.94 .639
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.300:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 100.:MNI=.013:SCI=   .0]
005:0920---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:ANDPET     7.70     .875 No_date    3:30   45.94  n/a
     [RDT= 2.00] out<- 07:ANDPND     7.70     .544 No_date    3:32   45.94  n/a
    {MxStoUsed=.7925E-01}
005:0921---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:ANDPND     7.70     .544 No_date    3:32   45.94  n/a
 *   [RDT= 2.00] out<- 08:Pipe50      7.70     .541 No_date    3:34   45.94  n/a
     [L/S/n=   59./ .200/.013]
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     (Vmax= 1.313:Dmax=   .636)
     (Din=  .75:Dused=   .78)
005:0922---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD              05:Pipe49     50.41     2.149 No_date     4:06    51.18  n/a
                       + 08:Pipe50      7.70      .541 No_date     3:34    45.94  n/a
     (DT= 2.00)  SUM=  09:TOTAND       58.11     2.570 No_date     4:06    50.49  n/a
005:0923---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD       01:RETRES      .90      .132 No_date     3:30    52.17 .726
     (XIMP=.63:TIMP=.63)
     (LOSS= 2 :CN= 65.0)
     (Pervious     area: IAper=5.00:SLPP=1.00:LGP=  20.:MNP=.300:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI= .50:LGI=  65.:MNI=.013:SCI=   .0)
005:0924---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:RETRES      .90      .132 No_date     3:30    52.17  n/a
     (RDT= 2.00) out<- 02:POND3       .90      .132 No_date     3:30    52.17  n/a
     (MxStoUsed=.9190E-02)
005:0925---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD              09:TOTAND     58.11     2.570 No_date     4:06    50.49  n/a
                       + 02:POND3       .90      .132 No_date     3:30    52.17  n/a
     (DT= 2.00)  SUM=  05:TOT16       59.01     2.611 No_date     4:06    50.51  n/a
005:0926---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD       06:WLMRT      20.72     3.008 No_date     3:30    56.08 .780
     (XIMP=.65:TIMP=.65)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=4.20:LGP= 130.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 371.:MNI=.013:SCI=   .0)
005:0927---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD         07:WEXT       1.58      .172 No_date     3:30    32.16 .447
     (CN= 78.0: N= 3.00)
     (Tp=  .11:DT= 2.00)
005:0928---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD              06:WLMRT      20.72     3.008 No_date     3:30    56.08  n/a
                       + 07:WEXT       1.58      .172 No_date     3:30    32.16  n/a
     (DT= 2.00)  SUM=  08:TWLMRT      22.30     3.180 No_date     3:30    54.39  n/a
005:0929---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 08:TWLMRT      22.30     3.180 No_date     3:30    54.39  n/a
     (RDT= 2.00) out<- 09:WMRTPD      22.30     1.188 No_date     3:56    54.39  n/a
     (MxStoUsed=.5184E+00)
005:0930---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 09:WMRTPD     22.30     1.188 No_date     3:56    54.39  n/a
     (RDT= 2.00) out<- 01:16thST      22.30     1.188 No_date     3:56    54.39  n/a
     (L/S/n=  180./ .580/.013)
     (Vmax= 2.480:Dmax=   .568)
     (Din= 1.05:Dused= 1.05)
005:0931---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD       02:CDNT       3.62      .713 No_date     3:30    67.93 .945
     (XIMP=.95:TIMP=.95)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=3.00:LGP=  33.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.30:LGI= 273.:MNI=.013:SCI=   .0)
005:0932---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD              05:TOT16      59.01     2.611 No_date     4:06    50.51  n/a
                       + 01:16thST     22.30     1.188 No_date     3:56    54.39  n/a
     (DT= 2.00)  SUM=  04:TN1        81.31     3.788 No_date     4:06    51.57  n/a
005:0933---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD              02:CDNT       3.62      .713 No_date     3:30    67.93  n/a
                       + 04:TN1        81.31     3.788 No_date     4:06    51.57  n/a
     (DT= 2.00)  SUM=  03:TND1       84.93     3.932 No_date     4:02    52.27  n/a
005:0934---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:TND1      84.93     3.932 No_date     4:02    52.27  n/a
     (RDT= 2.00) out<- 04:ND1ND2     84.93     3.934 No_date     4:04    52.27  n/a
     (L/S/n=  150./ .730/.013)
     (Vmax= 3.386:Dmax=   .601)
     (HGTH= 1.22:WDTH= 1.93)
005:0935---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD       05:CA2COM      4.44      .856 No_date     3:30    65.95 .917
     (XIMP=.90:TIMP=.90)
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     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=6.70:LGP=  30.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=3.40:LGI= 149.:MNI=.013:SCI=   .0)
005:0936---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 05:CA2COM      4.44      .856 No_date     3:30    65.95  n/a
     (LAG=  5.7 min)<- 06:SH2a        4.44      .856 No_date     3:34    65.95  n/a
005:0937---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD       07:CA3a       5.11      .788 No_date     3:30    54.67 .760
     (XIMP=.55:TIMP=.66)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=7.10:LGP=  28.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI= .40:LGI= 248.:MNI=.013:SCI=   .0)
005:0938---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 07:CA3a       5.11      .788 No_date     3:30    54.67  n/a
     (LAG=  2.5 min)<- 08:SH3a        5.11      .788 No_date     3:32    54.67  n/a
005:0939---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD       09:CA3b       2.82      .509 No_date     3:30    62.40 .868
     (XIMP=.81:TIMP=.81)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=5.00:LGP=  40.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI= .80:LGI= 118.:MNI=.013:SCI=   .0)
005:0940---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD       01:ANDCOM     1.10      .218 No_date     3:30    67.93 .945
     (XIMP=.95:TIMP=.95)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=1.00:LGP=  10.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 115.:MNI=.013:SCI=   .0)
005:0941---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:ANDCOM      1.10      .218 No_date     3:30    67.93  n/a
     (RDT= 2.00) out<- 02:ACPND       1.10      .204 No_date     3:30    67.93  n/a
     (MxStoUsed=.1235E-01)
005:0942---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD              04:ND1ND2     84.93     3.934 No_date     4:04    52.27  n/a
                       + 06:SH2a        4.44      .856 No_date     3:34    65.95  n/a
     (DT= 2.00)  SUM=  03:T2a         89.37     4.387 No_date     3:32    52.95  n/a
005:0943---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD              03:T2a        89.37     4.387 No_date     3:32    52.95  n/a
                       + 08:SH3a        5.11      .788 No_date     3:32    54.67  n/a
     (DT= 2.00)  SUM=  04:T2b         94.48     5.175 No_date     3:32    53.04  n/a
005:0944---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD              04:T2b        94.48     5.175 No_date     3:32    53.04  n/a
                       + 02:ACPND       1.10      .204 No_date     3:30    67.93  n/a
     (DT= 2.00)  SUM=  05:T2c         95.58     5.374 No_date     3:32    53.22  n/a
005:0945---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD              05:T2c        95.58     5.374 No_date     3:32    53.22  n/a
                       + 09:CA3b        2.82      .509 No_date     3:30    62.40  n/a
     (DT= 2.00)  SUM=  03:TND2       98.40     5.855 No_date     3:30    53.48  n/a
005:0946---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD      03:TND2       98.40     5.855 No_date     3:30    53.48  n/a
      Major System /     04:CHAN       13.85     2.835 No_date     3:30    53.48  n/a
      Minor System \     05:PIPE       84.55     3.020 No_date     3:08    53.48  n/a
005:0947---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:PIPE       84.55     3.020 No_date     3:08    53.48  n/a
     (RDT= 2.00) out<- 06:N3N4P       84.55     3.020 No_date     4:02    53.48  n/a
     (L/S/n=  640./ .600/.013)
     (Vmax= 3.043:Dmax=   .985)
     (Din= 1.20:Dused= 1.20)
005:0948---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 04:CHAN       13.85     2.835 No_date     3:30    53.48  n/a
 *   (RDT= 2.00) out<- 07:N2N3C       13.85     2.753 No_date     3:32    53.48  n/a
     (L/S/n=  240./ .650/.035)
     (Vmax= 1.256:Dmax=   .498)
005:0949---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD       04:CA1COM      5.30     1.017 No_date     3:30    65.95 .917
     (XIMP=.90:TIMP=.90(
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=2.10:LGP=  30.:MNP=.250:SCP=   .0)
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     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI= 146.:MNI=.013:SCI=   .0]
005:0950--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA1IND    10.99    1.900 No_date    3:30   60.03 .835
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.10:LGI= 234.:MNI=.013:SCI=   .0]
005:0951--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:CA1COM     5.30    1.017 No_date    3:30   65.95  n/a
                     + 05:CA1IND    10.99    1.900 No_date    3:30   60.03  n/a
     [DT= 2.00]  SUM=  08:TOT1      16.29    2.916 No_date    3:30   61.96  n/a
005:0952--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:TOT1      16.29    2.916 No_date    3:30   61.96  n/a
     [LAG= 34.4 min]<- 09:SH1       16.29    2.916 No_date    4:04   61.96  n/a
005:0953--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:N2N3C     13.85    2.753 No_date    3:32   53.48  n/a
                     + 09:SH1       16.29    2.916 No_date    4:04   61.96  n/a
     [DT= 2.00]  SUM=  02:T3a       30.14    4.463 No_date    4:04   58.06  n/a
005:0954--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA2IND     5.15     .891 No_date    3:30   60.03 .835
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.20:LGI= 227.:MNI=.013:SCI=   .0]
005:0955--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA2IND     5.15     .891 No_date    3:30   60.03  n/a
     [LAG= 37.7 min]<- 03:SH2b       5.15     .891 No_date    4:06   60.03  n/a
005:0956--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA4b      14.53    1.324 No_date    3:36   44.69 .622
     [XIMP=.25:TIMP=.44]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  73.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .30:LGI= 466.:MNI=.013:SCI=   .0]
005:0957--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T3a       30.14    4.463 No_date    4:04   58.06  n/a
                     + 03:SH2b       5.15     .891 No_date    4:06   60.03  n/a
     [DT= 2.00]  SUM=  01:T3a       35.29    5.347 No_date    4:04   58.35  n/a
005:0958--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:T3a       35.29    5.347 No_date    4:04   58.35  n/a
                     + 04:CA4b      14.53    1.324 No_date    3:36   44.69  n/a
     [DT= 2.00]  SUM=  03:T3b       49.82    6.167 No_date    4:04   54.36  n/a
005:0959--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:MALL      13.24    2.107 No_date    3:30   63.50 .883
     [XIMP=.63:TIMP=.89]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.30:LGP= 120.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .20:LGI= 293.:MNI=.013:SCI=   .0]
005:0960--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:MALL      13.24    2.107 No_date    3:30   63.50  n/a
       Major System /  02:CHAN       3.59    1.320 No_date    3:30   63.50  n/a
       Minor System \  04:PIPE       9.65     .787 No_date    3:08   63.50  n/a
005:0961--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T3b       49.82    6.167 No_date    4:04   54.36  n/a
                     + 02:CHAN       3.59    1.320 No_date    3:30   63.50  n/a
     [DT= 2.00]  SUM=  05:TND3      53.41    6.539 No_date    3:42   54.98  n/a
005:0962--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND3      53.41    6.539 No_date    3:42   54.98  n/a
*    [RDT= 2.00] out<- 07:ND3ND4    53.41    6.459 No_date    3:46   54.98  n/a
     [L/S/n=  390./ .650/.035]
     [Vmax= 1.603:Dmax=  .768]
005:0963--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA5       15.85    1.447 No_date    3:30   42.40 .590
     [XIMP=.32:TIMP=.47]
     [LOSS= 2 :CN= 69.0]
     [Pervious     area: IAper=5.00:SLPP=1.50:LGP= 103.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.40:LGI= 289.:MNI=.013:SCI=   .0]
005:0964--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    SHIFT HYD       -> 08:CA5       15.85    1.447 No_date    3:30   42.40  n/a
     [LAG=  5.9 min]<- 09:SH5       15.85    1.447 No_date    3:34   42.40  n/a
005:0965--------------1D:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:CA6b      32.10    1.976 No_date    3:34   42.94 .597
     [XIMP=.20:TIMP=.40]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP= .70:LGP= 135.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 539.:MNI=.013:SCI=   .0]
005:0966--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA6b      32.10    1.976 No_date    3:34   42.94  n/a
                     + 09:SH5       15.85    1.447 No_date    3:34   42.40  n/a
     [DT= 2.00]  SUM=  02:T56ND3     47.95    3.424 No_date    3:34   42.76  n/a
005:0967--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA7        2.90     .222 No_date    3:30   37.33 .519
     [XIMP=.33:TIMP=.38]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper=6.50:SLPP= .60:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 130.:MNI=.013:SCI=   .0]
005:0968--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:CA7        2.90     .222 No_date    3:30   37.33  n/a
     [LAG=  6.6 min]<- 01:SH7        2.90     .222 No_date    3:36   37.33  n/a
005:0969--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA8        8.01    1.422 No_date    3:30   62.04 .863
     [XIMP=.73:TIMP=.84]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  60.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI=  95.:MNI=.013:SCI=   .0]
005:0970--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:CA8        8.01    1.422 No_date    3:30   62.04  n/a
     [LAG= 21.3 min]<- 08:SH8        8.01    1.422 No_date    3:50   62.04  n/a
005:0971--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA11       4.18     .408 No_date    3:32   43.18 .601
     [XIMP=.28:TIMP=.36]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 270.:MNI=.013:SCI=   .0]
005:0972--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:SH7        2.90     .222 No_date    3:36   37.33  n/a
                     + 08:SH8        8.01    1.422 No_date    3:50   62.04  n/a
     [DT= 2.00]  SUM=  05:T7811a     10.91    1.533 No_date    3:50   55.47  n/a
005:0973--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T7811a     10.91    1.533 No_date    3:50   55.47  n/a
                     + 09:CA11       4.18     .408 No_date    3:32   43.18  n/a
     ]DT= 2.00]  SUM=  03:T7811b     15.09    1.899 No_date    3:34   52.07  n/a
005:0974--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T7811b     15.09    1.899 No_date    3:34   52.07  n/a
                     + 02:T56ND3     47.95    3.424 No_date    3:34   42.76  n/a
     [DT= 2.00]  SUM=  05:T7811      63.04    5.322 No_date    3:34   44.99  n/a
005:0975--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:ND3ND4     53.41    6.459 No_date    3:46   54.98  n/a
                     + 05:T7811      63.04    5.322 No_date    3:34   44.99  n/a
     [DT= 2.00]  SUM=  02:T56781    116.45   11.028 No_date    3:44   49.57  n/a
005:0976--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     03:CA3c       1.14     .156 No_date    3:30   49.24 .685
     [XIMP=.45:TIMP=.50]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.50:LGI=  80.:MNI=.013:SCI=   .0]
005:0977--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:CA3c       1.14     .156 No_date    3:30   49.24  n/a
     [RDT= 2.00] out<- 05:3cPIPE     1.14     .150 No_date    3:30   49.24  n/a
     [L/S/n=  240./ .200/.013]
     [Vmax= 1.001:Dmax=  .324]
     [Din=  .60:Dused=  .60]
005:0978--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA4a       1.86     .334 No_date    3:30   61.15 .851
     [XIMP=.75:TIMP=.80]
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     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  24.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  69.:MNI=.013:SCI=   .0]
005:0979---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:PIPE       9.65     .787 No_date    3:08   63.50  n/a
                     +  03:CA4a       1.86     .334 No_date    3:30   61.15  n/a
     [DT= 2.00]  SUM=  08:TMLL4a     11.51    1.121 No_date    3:30   63.12  n/a
005:0980---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TMLL4a     11.51    1.121 No_date    3:30   63.12  n/a
                     +  05:3cPIPE     1.14     .150 No_date    3:30   49.24  n/a
     [DT= 2.00]  SUM=  07:TMLL3c     12.65    1.271 No_date    3:30   61.88  n/a
005:0981---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:TMLL3c     12.65    1.271 No_date    3:30   61.88  n/a
     [RDT= 2.00] out<- 09:ML3CN4     12.65    1.265 No_date    3:30   61.88  n/a
     [L/S/n=  405./ .600/.013]
     (Vmax= 2.204:Dmax=  .296)
     (HGTH= 1.22:WDTH= 1.93)
005:0982---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA6IND      3.04     .524 No_date    3:30   60.03 .835
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  87.:MNI=.013:SCI=   .0]
005:0983---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:CA6IND      3.04     .524 No_date    3:30   60.03  n/a
                     +  09:ML3CN4     12.65    1.265 No_date    3:30   61.88  n/a
     [DT= 2.00]  SUM=  01:ML436a     15.69    1.789 No_date    3:30   61.52  n/a
005:0984---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T56781    116.45   11.028 No_date    3:44   49.57  n/a
                     +  01:ML436a     15.69    1.789 No_date    3:30   61.52  n/a
     [DT= 2.00]  SUM=  03:ML436b    132.14   12.397 No_date    3:34   50.99  n/a
005:0985---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:N3N4P      84.55    3.020 No_date    4:02   53.48  n/a
                     +  03:ML436b    132.14   12.397 No_date    3:34   50.99  n/a
     [DT= 2.00]  SUM=  04:TND4      216.69   15.416 No_date    3:34   51.96  n/a
005:0986---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 04:TND4      216.69   15.416 No_date    3:34   51.96  n/a
     [RDT= 2.00] out<- 02:ND4ND5    216.69   15.172 No_date    3:46   51.96  n/a
     [L/S/n=  697./ .650/.035]
     (Vmax= 2.649:Dmax= 2.012)
005:0987---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:MLLRE       1.26     .215 No_date    3:30   57.55 .800
     [XIMP=.60:TIMP=.74]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.90:LGP=  26.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  73.:MNI=.013:SCI=   .0]
005:0988---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:MLLRE       1.26     .215 No_date    3:30   57.55  n/a
     [RDT= 2.00] out<- 04:MLLRCE      1.26     .104 No_date    3:36   57.55  n/a
     (MxStoUsed=.2079E-01)
005:0989---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 04:MLLRCE      1.26     .104 No_date    3:36   57.55  n/a
     [LAG= 18.8 min]<- 05:SHMLRE      1.26     .104 No_date    3:54   57.55  n/a
005:0990---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:MLLRW       1.73     .324 No_date    3:30   64.88 .902
     [XIMP=.82:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.35:LGP=  37.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .42:LGI= 120.:MNI=.013:SCI=   .0]
005:0991---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:MLLRW       1.73     .324 No_date    3:30   64.88  n/a
     [RDT= 2.00] out<- 07:MLLRCW      1.73     .218 No_date    3:34   64.88  n/a
    [MxStoUsed=.2948E-01]
005:0992---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 07:MLLRCW      1.73     .218 No_date    3:34   64.88  n/a
     [LAG= 13.4 min]<- 08:SHMLRW      1.73     .218 No_date    3:46   64.88  n/a
005:0993---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    CALIB STANDHYD     09:CA9         7.85     .852 No_date    3:30   46.69 .649
     [XIMP=.42:TIMP=.43]
     [LOSS= 2 :CN= 75.0]
     [Pervious     area: IAper=5.00:SLPP=1.60:LGP=  96.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.70:LGI= 207.:MNI=.013:SCI=   .0]
005:0994---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TOTMLR      1.73     .218 No_date    3:46   64.88  n/a
                     +  05:SHMLRE      1.26     .104 No_date    3:54   57.55  n/a
     [DT= 2.00]  SUM=  08:TOTMLR      2.99     .317 No_date    3:48   61.79  n/a
005:0995---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:CA9         7.85     .852 No_date    3:30   46.69  n/a
                     +  08:TOTMLR      2.99     .317 No_date    3:48   61.79  n/a
     [DT= 2.00]  SUM=  03:T9MLR      10.84    1.076 No_date    3:30   50.85  n/a
005:0996---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 03:T9MLR      10.84    1.076 No_date    3:30   50.85  n/a
     [LAG= 19.3 min]<- 04:CA9         10.84    1.076 No_date    3:48   50.85  n/a
005:0997---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA10IN     17.87    2.981 No_date    3:30   60.03 .835
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.20:LGI= 427.:MNI=.013:SCI=   .0]
005:0998---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA13        7.15     .729 No_date    3:30   48.00 .668
     [XIMP=.44:TIMP=.54]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  80.:MNI=.013:SCI=   .0]
005:0999---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA14        7.52     .567 No_date    3:30   41.14 .572
     [XIMP=.32:TIMP=.35]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 111.:MNI=.013:SCI=   .0]
005:1000---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:CA10IN     17.87    2.981 No_date    3:30   60.03  n/a
                     +  06:CA13        7.15     .729 No_date    3:30   48.00  n/a
     [DT= 2.00]  SUM=  08:T1013      25.02    3.709 No_date    3:30   56.59  n/a
005:1001---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:T1013      25.02    3.709 No_date    3:30   56.59  n/a
                     +  04:CA9        10.84    1.076 No_date    3:48   50.85  n/a
     [DT= 2.00]  SUM=  03:T14        35.86    4.442 No_date    3:30   54.86  n/a
005:1002---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T14        35.86    4.442 No_date    3:30   54.86  n/a
                     +  07:CA14        7.52     .567 No_date    3:30   41.14  n/a
     [DT= 2.00]  SUM=  04:T91013     43.38    5.009 No_date    3:30   52.48  n/a
005:1003---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:ND4ND5    216.69   15.172 No_date    3:46   51.96  n/a
                     +  04:T91013     43.38    5.009 No_date    3:30   52.48  n/a
     [DT= 2.00]  SUM=  07:TND5      260.07   18.966 No_date    3:32   52.05  n/a
005:1004---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 07:TND5      260.07   18.966 No_date    3:32   52.05  n/a
     [RDT= 2.00] out<- 08:ND5ND6    260.07   18.644 No_date    3:36   52.05  n/a
     [L/S/n=  578./1.640/.035]
     (Vmax= 2.334:Dmax= 1.923)
005:1005---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       09:15WHZ       1.38     .092 No_date    3:38   26.66 .371
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
005:1006---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:15WRE      12.42    1.731 No_date    3:30   48.43 .674
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 221.:MNI=.013:SCI=   .0]
005:1007---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:15WRE      12.42    1.731 No_date    3:30   48.43  n/a
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                  +  09:15WHZ      1.38     .092 No_date    3:38   26.66  n/a
     [DT= 2.00]  SUM=  03:T15W     13.80    1.809 No_date    3:30   46.26  n/a
005:1008--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       04:15EHZ      3.15     .210 No_date    3:38   26.66 .371
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
005:1009--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:15EIND     4.89     .819 No_date    3:30   60.03 .835
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 500.:MNI=.013:SCI=   .0]
005:1010--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:15EHZ      3.15     .210 No_date    3:38   26.66  n/a
                  +  06:15EIND     4.89     .819 No_date    3:30   60.03  n/a
     [DT= 2.00]  SUM=  07:T15E      8.04     .997 No_date    3:30   46.96  n/a
005:1011--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:T15E       8.04     .997 No_date    3:30   46.96  n/a
                  +  03:T15W     13.80    1.809 No_date    3:30   46.26  n/a
     [DT= 2.00]  SUM=  09:T15EW    21.84    2.805 No_date    3:30   46.51  n/a
005:1012--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:UNGAS       .99     .115 No_date    3:30   37.74 .525
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  15.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.20:LGI=  90.:MNI=.013:SCI=   .0]
005:1013--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:UNGAS       .99     .115 No_date    3:30   37.74  n/a
     [RDT= 2.00] out<- 02:UNGPND      .99     .031 No_date    4:04   37.73  n/a
     [MxStoUsed=.1789E-01)
005:1014--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 02:UNGPND      .99     .031 No_date    4:04   37.73  n/a
     [LAG= 16.3 min]<- 03:SHUNGS      .99     .031 No_date    4:20   37.73  n/a
005:1015--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:T15EW     21.84    2.805 No_date    3:30   46.51  n/a
                  +  03:SHUNGS      .99     .031 No_date    4:20   37.73  n/a
     [DT= 2.00]  SUM=  04:T15       22.83    2.819 No_date    3:30   46.13  n/a
005:1016--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA16I      26.59    4.327 No_date    3:30   60.03 .835
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 551.:MNI=.013:SCI=   .0]
005:1017--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:CA16I      26.59    4.327 No_date    3:30   60.03  n/a
                  +  04:T15       22.83    2.819 No_date    3:30   46.13  n/a
     [DT= 2.00]  SUM=  09:T1516     49.42    7.146 No_date    3:30   53.61  n/a
005:1018--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:ND5ND6    260.07   18.644 No_date    3:36   52.05  n/a
                  +  09:T1516     49.42    7.146 No_date    3:30   53.61  n/a
     [DT= 2.00]  SUM=  03:TND6     309.49   25.192 No_date    3:32   52.30  n/a
005:1019--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 03:TND6     309.49   25.192 No_date    3:32   52.30  n/a
     [RDT= 2.00] out<- 02:ND6ND8   309.49   24.823 No_date    3:34   52.30  n/a
     [L/S/n=  503./1.290/.035]
     [Vmax= 3.213:Dmax= 1.782]
005:1020--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA17RW      6.93     .973 No_date    3:30   48.43 .674
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.80:LGI= 263.:MNI=.013:SCI=   .0]
005:1021--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:17WOS      2.11     .199 No_date    3:32   31.07 .432
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
005:1022--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            03:CA17RW      6.93     .973 No_date    3:30   48.43  n/a
                  +  05:17WOS      2.11     .199 No_date    3:32   31.07  n/a
     [DT= 2.00]  SUM=  04:T17       9.04    1.164 No_date    3:30   44.38  n/a
005:1023--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA17RE      3.51     .490 No_date    3:30   48.43 .674
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.40:LGI= 246.:MNI=.013:SCI=   .0]
005:1024--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       08:17EOS      6.57     .620 No_date    3:32   31.07 .432
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
005:1025--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:17EOS      6.57     .620 No_date    3:32   31.07  n/a
                  +  06:CA17RE     3.51     .490 No_date    3:30   48.43  n/a
     [DT= 2.00]  SUM=  01:T17       10.08    1.088 No_date    3:32   37.12  n/a
005:1026--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:T17        10.08    1.088 No_date    3:32   37.12  n/a
                  +  04:T17       9.04    1.164 No_date    3:30   44.38  n/a
     [DT= 2.00]  SUM=  09:T17RES    19.12    2.249 No_date    3:30   40.55  n/a
005:1027--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:ND6ND8    309.49   24.823 No_date    3:34   52.30  n/a
                  +  09:T17RES    19.12    2.249 No_date    3:30   40.55  n/a
     [DT= 2.00]  SUM=  05:TND8     328.61   26.862 No_date    3:34   51.61  n/a
005:1028--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND8     328.61   26.862 No_date    3:34   51.61  n/a
     [RDT= 2.00] out<- 06:ND8ND9   328.61   26.594 No_date    3:36   51.61  n/a
     [L/S/n=  405./1.480/.045]
     [Vmax= 2.621:Dmax= 1.456]
005:1029--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:CA18       12.02     .683 No_date    3:50   30.05 .418
     [CN= 78.0: N= 3.00]
     [Tp=  .41:DT= 2.00]
005:1030--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:CA18       12.02     .683 No_date    3:50   30.05  n/a
                  +  06:ND8ND9    328.61   26.594 No_date    3:36   51.61  n/a
     [DT= 2.00]  SUM=  08:TND9     340.63   27.160 No_date    3:36   50.85  n/a
005:1031--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 08:TND9     340.63   27.160 No_date    3:36   50.85  n/a
     [RDT= 2.00] out<- 09:ND9ND1   340.63   26.875 No_date    3:38   50.85  n/a
     [L/S/n=  505./1.900/.045]
     [Vmax= 2.738:Dmax= 1.115]
005:1032--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:CA19        1.18     .094 No_date    3:34   26.66 .371
     [CN= 74.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
005:1033--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CA20IN      7.54    1.278 No_date    3:30   60.03 .835
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 194.:MNI=.013:SCI=   .0]
005:1034--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA19        1.18     .094 No_date    3:34   26.66  n/a
                  +  02:CA20IN      7.54    1.278 No_date    3:30   60.03  n/a
     [DT= 2.00]  SUM=  03:T1920      8.72    1.368 No_date    3:30   55.52  n/a
005:1035--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T1920       8.72    1.368 No_date    3:30   55.52  n/a
                  +  09:ND9ND1    340.63   26.875 No_date    3:38   50.85  n/a
     [DT= 2.00]  SUM=  04:TND10    349.35   27.705 No_date    3:38   50.97  n/a
  ** END OF RUN :   5

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 RUN:COMMAND#
 006:1040----------------------------------------------------------------------------
     START
      [TZERO =     .00 hrs on        0]
      [METOUT=    2     [1=imperial, 2=metric output)]
      [NSTORM=    1 ]
      [NRUN  =    6 ]
*#*****************************************************************************
*#  Project Name: [Owen Sound Drainage Study]    Project Number: [MCG 10665]
*#  Date        : 04-12-2007
*#  Modeller    : [T.Lozon]
*#  Company     : R.J. Burnside and Associates
*#  License #   :  3846413
 006:1042----------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  = 100-Year SCS Type-II Storm Distribution (6-hour) Owen Sound,
      [SDT=30.00:SDUR=    6.50:PTOT= 78.70]
 006:1043--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD      04:TRA7        1.82      .318 No_date     3:30   60.55 .769
      [XIMP=.60:TIMP=.60]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP= .50:LGP=  70.:MNP=.030:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 170.:MNI=.013:SCI=    .0]
 006:1044--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD      01:A8          .28      .048 No_date     3:30   56.51 .718
      [XIMP=.50:TIMP=.50]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  82.:MNP=.030:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  82.:MNI=.013:SCI=    .0]
 006:1045--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE       -> 01:A8          .28      .048 No_date     3:30   56.51  n/a
  *  [RDT= 2.00] out<- 02:Pipe16       .28      .048 No_date     3:30   56.51  n/a
      [L/S/n=    15./2.000/.013]
      [Vmax= 1.654:Dmax=  .099}
      [Din=  .53:Dused=  .53}
 006:1046--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             02:Pipe16      .28      .048 No_date     3:30   56.51  n/a
                       + 04:TRA7       1.82      .318 No_date     3:30   60.55  n/a
      [DT= 2.00]  SUM=   03:TRA8       2.10      .367 No_date     3:30   60.01  n/a
 006:1047--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD      04:A9          .28      .040 No_date     3:30   40.35 .513
      [XIMP=.10:TIMP=.10]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=4.10:LGP= 100.:MNP=.030:SCP=    .0]
      |Impervious   area: IAimp=2.00:SLPI=4.10:LGI=  35.:MNI=.013:SCI=    .0}
 006:1048--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE       -> 04:A9          .28      .040 No_date     3:30   40.35  n/a
  *  [RDT= 2.00] out<- 05:Pipe17       .28      .039 No_date     3:30   40.35  n/a
      [L/S/n=    29./2.000/.013]
      [Vmax= 1.563:Dmax=  .090}
      [Din=  .53:Dused=  .53}
 006:1049--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             05:Pipe17      .28      .039 No_date     3:30   40.35  n/a
                       + 03:TRA8       2.10      .367 No_date     3:30   60.01  n/a
      [DT= 2.00]  SUM=   06:TRA9       2.38      .406 No_date     3:30   57.67  n/a
 006:1050--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD      07:A10         .59      .102 No_date     3:30   56.51 .718
      [XIMP=.50:TIMP=.50]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  73.:MNI=.013:SCI=    .0]
 006:1051--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE       -> 07:A10         .59      .102 No_date     3:30   56.51  n/a
  *  [RDT= 2.00] out<- 08:Pipe18       .59      .102 No_date     3:30   56.51  n/a
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      [L/S/n=    60./2.000/.013]
      [Vmax= 2.078:Dmax=  .145}
      [Din=  .53:Dused=  .53}
 006:1052--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             08:Pipe18      .59      .102 No_date     3:30   56.51  n/a
                       + 06:TRA9       2.38      .406 No_date     3:30   57.67  n/a
      [DT= 2.00]  SUM=   09:TRA10      2.97      .508 No_date     3:30   57.44  n/a
 006:1053--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD      01:A11         .82      .143 No_date     3:30   56.51 .718
      [XIMP=.50:TIMP=.50]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  67.:MNI=.013:SCI=    .0]
 006:1054--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE       -> 01:A11         .82      .143 No_date     3:30   56.51  n/a
  *  [RDT= 2.00] out<- 02:Pipe19       .82      .142 No_date     3:30   56.51  n/a
      [L/S/n=    59./2.000/.013]
      [Vmax= 2.288:Dmax=  .173}
      [Din=  .53:Dused=  .53}
 006:1055--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             09:TRA10     2.97      .508 No_date     3:30   57.44  n/a
                       + 02:Pipe19      .82      .142 No_date     3:30   56.51  n/a
      [DT= 2.00]  SUM=   03:TRA11      3.80      .650 No_date     3:30   57.23  n/a
 006:1056--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD      04:A12         .30      .043 No_date     3:30   44.39 .564
      [XIMP=.20:TIMP=.20]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.030:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  58.:MNI=.013:SCI=    .0}
 006:1057--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE       -> 04:A12         .30      .043 No_date     3:30   44.39  n/a
  *  [RDT= 2.00] out<- 05:Pipe20       .30      .043 No_date     3:30   44.39  n/a
      [L/S/n=    69./2.000/.013]
      [Vmax= 1.600:Dmax=  .094}
      [Din=  .53:Dused=  .53}
 006:1058--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             05:Pipe20      .30      .043 No_date     3:30   44.39  n/a
                       + 03:TRA11      3.80      .650 No_date     3:30   57.23  n/a
      [DT= 2.00]  SUM=   06:TRA12      4.10      .693 No_date     3:30   56.29  n/a
 006:1059--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD      07:A13         .31      .048 No_date     3:30   48.43 .615
      [XIMP=.30:TIMP=.30]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  68.:MNP=.030:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  68.:MNI=.013:SCI=    .0]
 006:1060--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE       -> 07:A13         .31      .048 No_date     3:30   48.43  n/a
  *  [RDT= 2.00] out<- 08:Pipe21       .31      .048 No_date     3:30   48.43  n/a
      [L/S/n=    53./1.900/.013]
      [Vmax= 1.621:Dmax=  .100}
      [Din=  .53:Dused=  .53}
 006:1061--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             08:Pipe21      .31      .048 No_date     3:30   48.43  n/a
                       + 06:TRA12      4.10      .693 No_date     3:30   56.29  n/a
      |DT= 2.00]  SUM=   09:TRA13      4.41      .741 No_date     3:30   55.74  n/a
 006:1062--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD      01:A14         .22      .035 No_date     3:30   48.43 .615
      [XIMP=.30:TIMP=.30]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=    .0]
 006:1063--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE       -> 01:A14         .22      .035 No_date     3:30   48.43  n/a
  *  [RDT= 2.00] out<- 02:Pipe22       .22      .035 No_date     3:30   48.43  n/a
      [L/S/n=    52./1.250/.013]
      [Vmax= 1.267:Dmax=  .092}
      [Din=  .60:Dused=  .60}
```

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006:1064---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe22       .22     .035 No_date    3:30   48.43  n/a
                     + 09:TRA13       4.41     .741 No_date    3:30   55.74  n/a
     [DT= 2.00]  SUM=  03:TRA14       4.63     .776 No_date    3:30   55.39  n/a
006:1065---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A15          .24     .037 No_date    3:30   48.43 .615
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
006:1066---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A15          .24     .037 No_date    3:30   48.43  n/a
 *   [RDT= 2.00] out<- 05:Pipe23       .24     .037 No_date    3:30   48.43  n/a
     [L/S/n=   10./ .500/.013]
     {Vmax=  .895:Dmax=  .110}
     [Din=  .75:Dused=  .75]
006:1067---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe23       .24     .037 No_date    3:30   48.43  n/a
                     + 03:TRA14       4.63     .776 No_date    3:30   55.39  n/a
     [DT= 2.00]  SUM=  06:TRA15       4.87     .814 No_date    3:30   55.05  n/a
006:1068---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:A101         3.00     .568 No_date    3:30   63.30 .804
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 150.:MNI=.013:SCI=   .0]
006:1069---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A101         3.00     .568 No_date    3:30   63.30  n/a
 *   [RDT= 2.00] out<- 02:Pipe24       3.00     .567 No_date    3:30   63.30  n/a
     [L/S/n=   60./ .750/.013]
     {Vmax= 2.266:Dmax=  .374}
     [Din=  .90:Dused=  .90]
006:1070---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:Pipe24       3.00     .567 No_date    3:30   63.30  n/a
 *   [RDT= 2.00] out<- 03:Pipe25       3.00     .566 No_date    3:30   63.30  n/a
     [L/S/n=   36./ .400/.013]
     {Vmax= 1.773:Dmax=  .510}
     [Din=  .75:Dused=  .75]
006:1071---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:TRA15        4.87     .814 No_date    3:30   55.05  n/a
                     + 03:Pipe25       3.00     .566 No_date    3:30   63.30  n/a
     [DT= 2.00]  SUM=  04:TRA101       7.87    1.380 No_date    3:30   58.20  n/a
006:1072---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:TRA101       7.87    1.380 No_date    3:30   58.20  n/a
 *   [RDT= 2.00] out<- 05:Pipe26       7.87    1.377 No_date    3:30   58.20  n/a
     [L/S/n=   51./ .650/.013]
     {Vmax= 2.610:Dmax=  .697}
     [Din=  .90:Dused=  .90]
006:1073---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A102         .74     .156 No_date    3:30   70.00 .889
     [XIMP=.80:TIMP=.80]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  70.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
006:1074---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A102         .74     .156 No_date    3:30   70.00  n/a
 *   [RDT= 2.00] out<- 02:Pipe27       .74     .156 No_date    3:30   70.00  n/a
     [L/S/n=   42./1.000/.013]
     {Vmax= 1.794:Dmax=  .275}
     [Din=  .38:Dused=  .38]
006:1075---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe26       7.87    1.377 No_date    3:30   58.20  n/a
                     + 02:Pipe27        .74     .156 No_date    3:30   70.00  n/a
     [DT= 2.00]  SUM=  04:8thSTR       8.61    1.533 No_date    3:30   59.21  n/a
006:1076---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:8thSTR       8.61    1.533 No_date    3:30   59.21  n/a
 *   [RDT= 2.00] out<- 05:Pipe28       8.61    1.530 No_date    3:30   59.21  n/a
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     [L/S/n=   88./3.260/.013]
     {Vmax= 5.009:Dmax=  .490}
     [Din=  .75:Dused=  .75]
006:1077---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     06:A103         2.55     .500 No_date    3:30   63.30 .804
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
006:1078---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:A103         2.55     .500 No_date    3:30   63.30  n/a
 *   [RDT= 2.00] out<- 07:Pipe29       2.55     .500 No_date    3:30   63.30  n/a
     [L/S/n=   65./2.800/.013]
     {Vmax= 3.565:Dmax=  .265}
     [Din=  .75:Dused=  .75]
006:1079---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe28       8.61    1.530 No_date    3:30   59.21  n/a
                     + 07:Pipe29       2.55     .500 No_date    3:30   63.30  n/a
     [DT= 2.00]  SUM=  08:OSCVIb      11.16    2.029 No_date    3:30   60.15  n/a
006:1080---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:AREAB        6.03    1.158 No_date    3:30   63.30 .804
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.50:LGP=  55.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI= 320.:MNI=.013:SCI=   .0]
006:1081---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:AREAB        6.03    1.158 No_date    3:30   63.30  n/a
                     + 08:OSCVIb      11.16    2.029 No_date    3:30   60.15  n/a
     [DT= 2.00]  SUM=  01:OSCVI       17.19    3.187 No_date    3:30   61.25  n/a
006:1082---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:OSCVI       17.19    3.187 No_date    3:30   61.25  n/a
 *   [RDT= 2.00] out<- 02:Pipe30       17.19    3.178 No_date    3:30   61.25  n/a
     [L/S/n=  150./2.600/.013]
     {Vmax= 5.345:Dmax=  .763}
     [Din=  .90:Dused=  .93]
006:1083---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:HOSP         4.59     .681 No_date    3:30   49.90 .634
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 130.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 300.:MNI=.013:SCI=   .0]
006:1084---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:HOSP         4.59     .681 No_date    3:30   49.90  n/a
 *   [RDT= 2.00] out<- 04:Pipe31       4.59     .680 No_date    3:32   49.90  n/a
     [L/S/n=  118./6.000/.013]
     {Vmax= 4.972:Dmax=  .366}
     [Din=  .38:Dused=  .45]
006:1085---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:Pipe31       4.59     .680 No_date    3:32   49.90  n/a
 *   [RDT= 2.00] out<- 05:Pipe32       4.59     .681 No_date    3:32   49.90  n/a
     [L/S/n=   70./1.100/.013]
     {Vmax= 2.631:Dmax=  .503}
     [Din=  .60:Dused=  .61]
006:1086---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe30       17.19    3.178 No_date    3:30   61.25  n/a
                     + 05:Pipe32       4.59     .681 No_date    3:32   49.90  n/a
     [DT= 2.00]  SUM=  06:TOTHSP       21.78    3.851 No_date    3:30   58.86  n/a
006:1087---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:TOTHSP      21.78    3.851 No_date    3:30   58.86  n/a
 *   [RDT= 2.00] out<- 07:Pipe33       21.78    3.846 No_date    3:30   58.86  n/a
     [L/S/n=   60./4.300/.013]
     {Vmax= 6.767:Dmax=  .746}
     [Din=  .90:Dused=  .91]
006:1088---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:104          4.20     .804 No_date    3:30   63.30 .804
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
```

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     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 300.:MNI=.013:SCI=   .0]
006:1089--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           07:Pipe33    21.78    3.846 No_date    3:30   58.86  n/a
                    + 08:104        4.20     .804 No_date    3:30   63.30  n/a
     [DT= 2.00]  SUM=  09:TOT104    25.98    4.650 No_date    3:30   59.58  n/a
006:1090--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 09:TOT104    25.98    4.650 No_date    3:30   59.58  n/a
 *   [RDT= 2.00] out<- 01:Pipe34    25.98    4.642 No_date    3:30   59.58  n/a
     [L/S/n=   59./1.300/.013]
     [Vmax= 4.529:Dmax= 1.002]
     [Din= 1.20:Dused= 1.22]
006:1091--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    02:105        3.59     .597 No_date    3:30   51.58 .655
     [XIMP=.25:TIMP=.25]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=4.00:LGP= 200.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.00:LGI= 200.:MNI=.013:SCI=   .0]
006:1092--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:105        3.59     .597 No_date    3:30   51.58  n/a
 *   [RDT= 2.00] out<- 03:Pipe35    3.59     .594 No_date    3:30   51.58  n/a
     [L/S/n=   70./ .750/.013]
     [Vmax= 2.206:Dmax=  .514]
     [Din=  .60:Dused=  .63]
006:1093--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe35     3.59     .594 No_date    3:30   51.58  n/a
 *   [RDT= 2.00] out<- 04:Pipe36    3.59     .590 No_date    3:30   51.58  n/a
     [L/S/n=  120./1.050/.013]
     [Vmax= 2.531:Dmax=  .464]
     [Din=  .60:Dused=  .60]
006:1094--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    05:105.2      2.44     .404 No_date    3:30   53.25 .677
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 300.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 300.:MNI=.013:SCI=   .0]
006:1095--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           04:Pipe36     3.59     .590 No_date    3:30   51.58  n/a
                    + 05:105.2      2.44     .404 No_date    3:30   53.25  n/a
     [DT= 2.00]  SUM=  06:T105.2    6.03     .993 No_date    3:30   52.26  n/a
006:1096--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:T105.2     6.03     .993 No_date    3:30   52.26  n/a
 *   [RDT= 2.00] out<- 07:Pipe37    6.03     .990 No_date    3:30   52.26  n/a
     [L/S/n=   75./2.800/.013]
     [Vmax= 4.142:Dmax=  .474]
     [Din=  .60:Dused=  .60]
006:1097--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:Pipe37     6.03     .990 No_date    3:30   52.26  n/a
 *   [RDT= 2.00] out<- 08:Pipe38    6.03     .987 No_date    3:30   52.26  n/a
     [L/S/n=   69./2.200/.013]
     [Vmax= 3.748:Dmax=  .508]
     [Din=  .60:Dused=  .62]
006:1098--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD    09:AREA A      2.34     .377 No_date    3:30   45.59 .579
     [XIMP=.01:TIMP=.10]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=8.00:LGP= 190.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  10.:MNI=.013:SCI=   .0]
006:1099--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           09:AREA A      2.34     .377 No_date    3:30   45.59  n/a
                    + 08:Pipe38     6.03     .987 No_date    3:30   52.26  n/a
     [DT= 2.00]  SUM=  02:OSCVIA    8.37    1.364 No_date    3:30   50.39  n/a
006:1100--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:OSCVIA     8.37    1.364 No_date    3:30   50.39  n/a
 *   [RDT= 2.00] out<- 03:Pipe39    8.37    1.361 No_date    3:30   50.39  n/a
     [L/S/n=   50./3.000/.013]
     [Vmax= 4.561:Dmax=  .541]
```



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     [Din=  .60:Dused=  .66]
006:1101--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe39     8.37    1.361 No_date    3:30   50.39  n/a
 *   [RDT= 2.00] out<- 04:Pipe40    8.37    1.358 No_date    3:30   50.39  n/a
     [L/S/n=   30./1.000/.013]
     [Vmax= 3.019:Dmax=  .664]
     [Din=  .75:Dused=  .81]
006:1102--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:Pipe34    25.98    4.642 No_date    3:30   59.58  n/a
                    + 04:Pipe40     8.37    1.358 No_date    3:30   50.39  n/a
     [DT= 2.00]  SUM=  05:16&10     34.35    6.001 No_date    3:30   57.34  n/a
006:1103--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16&10     34.35    6.001 No_date    3:30   57.34  n/a
 *   [RDT= 2.00] out<- 06:Pipe41    34.35    5.982 No_date    3:30   57.34  n/a
     [L/S/n=   80./ .600/.013]
     [Vmax= 3.613:Dmax= 1.274]
     [Din= 1.50:Dused= 1.55]
006:1104--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD    07:999         4.20     .470 No_date    3:30   49.90 .634
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP= 350.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI=  60.:MNI=.013:SCI=   .0]
006:1105--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:999        4.20     .470 No_date    3:30   49.90  n/a
 *   [RDT= 2.00] out<- 08:Pipe42    4.20     .465 No_date    3:30   49.90  n/a
     [L/S/n=  100./3.000/.013]
     [Vmax= 3.534:Dmax=  .351]
     [Din=  .45:Dused=  .45]
006:1106--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           08:Pipe42     4.20     .465 No_date    3:30   49.90  n/a
                    + 06:Pipe41    34.35    5.982 No_date    3:30   57.34  n/a
     [DT= 2.00]  SUM=  09:TRA999    38.55    6.446 No_date    3:30   56.53  n/a
006:1107--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD    01:106         1.95     .290 No_date    3:30   49.90 .634
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  50.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI=  50.:MNI=.013:SCI=   .0]
006:1108--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           09:TRA999     38.55    6.446 No_date    3:30   56.53  n/a
                    + 01:106        1.95     .290 No_date    3:30   49.90  n/a
     [DT= 2.00]  SUM=  02:TRA106    40.50    6.737 No_date    3:30   56.21  n/a
006:1109--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 02:TRA106    40.50    6.737 No_date    3:30   56.21  n/a
     [RDT= 2.00] out<- 03:CHAN-1    40.50    6.687 No_date    3:30   56.21  n/a
     [L/S/n=  150./2.000/.035]
     [Vmax= 2.490:Dmax=  .672]
006:1110--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:CHAN-1    40.50    6.687 No_date    3:30   56.21  n/a
     [RDT= 2.00] out<- 04:POND1     40.50    2.210 No_date    3:56   56.21  n/a
     [MxStoUsed=.1302E+01)
006:1111--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD    05:107.1        .96     .165 No_date    3:30   56.60 .719
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
006:1112--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:107.1        .96     .165 No_date    3:30   56.60  n/a
 *   [RDT= 2.00] out<- 06:Pipe43      .96     .164 No_date    3:30   56.60  n/a
     [L/S/n=   43./2.400/.013]
     [Vmax= 2.473:Dmax=  .255]
     [Din=  .30:Dused=  .31]
006:1113--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD    07:107.2        .30     .051 No_date    3:30   56.60 .719
     [XIMP=.40:TIMP=.40]
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     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
006:1114--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:107.2       .30     .051 No_date    3:30   56.60  n/a
                   +   06:Pipe43      .96     .164 No_date    3:30   56.60  n/a
     [DT= 2.00]  SUM=  08:T107.2     1.26     .216 No_date    3:30   56.60  n/a
006:1115--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 08:T107.2     1.26     .216 No_date    3:30   56.60  n/a
 *   [RDT= 2.00] out<- 09:Pipe44     1.26     .215 No_date    3:30   56.60  n/a
     [L/S/n=   65./2.200/.013]
     {Vmax= 2.633:Dmax=  .261}
     [Din=  .38:Dused=  .38]
006:1116--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:107.3       .30     .051 No_date    3:30   56.60 .719
     {XIMP=.40:TIMP=.40}
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
006:1117--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:107.3       .30     .051 No_date    3:30   56.60  n/a
                   +   09:Pipe44     1.26     .215 No_date    3:30   56.60  n/a
     [DT= 2.00]  SUM=  02:T107.3     1.56     .266 No_date    3:30   56.60  n/a
006:1118--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:T107.3     1.56     .266 No_date    3:30   56.60  n/a
 *   [RDT= 2.00] out<- 03:Pipe45     1.56     .266 No_date    3:30   56.60  n/a
     [L/S/n=   55./1.900/.013]
     {Vmax= 2.654:Dmax=  .271}
     [Din=  .45:Dused=  .45]
006:1119--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:Pipe45     1.56     .266 No_date    3:30   56.60  n/a
                   +   04:POND1     40.50    2.210 No_date    3:56   56.21  n/a
     [DT= 2.00]  SUM=  05:16+10     42.06    2.293 No_date    3:56   56.22  n/a
006:1120--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:16+10     42.06    2.293 No_date    3:56   56.22  n/a
 *   [RDT= 2.00] out<- 06:Pipe46     42.06    2.293 No_date    3:56   56.22  n/a
     [L/S/n=   94./ .600/.013]
     {Vmax= 2.937:Dmax=  .782}
     [Din= 1.20:Dused= 1.20]
006:1121--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:900         7.25    1.365 No_date    3:30   63.30 .804
     {XIMP=.60:TIMP=.60}
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 100.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 100.:MNI=.013:SCI=   .0]
006:1122--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:900         7.25    1.365 No_date    3:30   63.30  n/a
     [RDT= 2.00] out<- 08:POND2      7.25     .633 No_date    3:36   63.30  n/a
     {MxStoUsed=.1373E+00}
006:1123--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 08:POND2      7.25     .633 No_date    3:36   63.30  n/a
 *   [RDT= 2.00] out<- 09:Pipe47     7.25     .632 No_date    3:38   63.30  n/a
     [L/S/n=  250./ .400/.013]
     {Vmax= 1.804:Dmax=  .555}
     [Din=  .75:Dused=  .75]
006:1124--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:Pipe47     7.25     .632 No_date    3:38   63.30  n/a
                   +   06:Pipe46     42.06    2.293 No_date    3:56   56.22  n/a
     [DT= 2.00]  SUM=  01:TRP2       49.31    2.899 No_date    3:56   57.27  n/a
006:1125--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:108         1.10     .189 No_date    3:30   56.60 .719
     {XIMP=.40:TIMP=.40}
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
006:1126--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:TRP2       49.31    2.899 No_date    3:56   57.27  n/a
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                   +   02:108         1.10     .189 No_date    3:30   56.60  n/a
     [DT= 2.00]  SUM=  03:T108       50.41    2.957 No_date    3:56   57.25  n/a
006:1127--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:T108       50.41    2.957 No_date    3:56   57.25  n/a
 *   [RDT= 2.00] out<- 04:Pipe48     50.41    2.956 No_date    3:56   57.25  n/a
     [L/S/n=   60./ .580/.013]
     {Vmax= 2.992:Dmax=  .980}
     [Din= 1.20:Dused= 1.20]
006:1128--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:Pipe48     50.41    2.956 No_date    3:56   57.25  n/a
 *   [RDT= 2.00] out<- 05:Pipe49     50.41    2.959 No_date    3:56   57.25  n/a
     [L/S/n=   59./ .630/.013]
     {Vmax= 3.116:Dmax=  .938}
     [Din= 1.20:Dused= 1.20]
006:1129--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:ANDPET      7.70     .971 No_date    3:30   51.25 .651
     {XIMP=.50:TIMP=.50}
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.300:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 100.:MNI=.013:SCI=   .0]
006:1130--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:ANDPET      7.70     .971 No_date    3:30   51.25  n/a
     [RDT= 2.00] out<- 07:ANDPND      7.70     .583 No_date    3:32   51.25  n/a
     {MxStoUsed=.9018E-01}
006:1131--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:ANDPND     7.70     .583 No_date    3:32   51.25  n/a
 *   [RDT= 2.00] out<- 08:Pipe50      7.70     .580 No_date    3:34   51.25  n/a
     [L/S/n=   59./ .200/.013]
     {Vmax= 1.336:Dmax=  .653}
     [Din=  .75:Dused=  .80}
006:1132--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe49     50.41    2.959 No_date    3:56   57.25  n/a
                   +   08:Pipe50      7.70     .580 No_date    3:34   51.25  n/a
     [DT= 2.00]  SUM=  09:TOTAND     58.11    3.474 No_date    3:56   56.46  n/a
006:1133--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:RETRES       .90     .148 No_date    3:30   57.87 .735
     {XIMP=.63:TIMP=.63}
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  20.:MNP=.300:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI=  65.:MNI=.013:SCI=   .0]
006:1134--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:RETRES       .90     .148 No_date    3:30   57.87  n/a
     [RDT= 2.00] out<- 02:POND3       .90     .147 No_date    3:30   57.87  n/a
     {MxStoUsed=.9241E-02}
006:1135--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TOTAND     58.11    3.474 No_date    3:56   56.46  n/a
                   +   02:POND3       .90     .147 No_date    3:30   57.87  n/a
     [DT= 2.00]  SUM=  05:TOT16      59.01    3.519 No_date    3:56   56.48  n/a
006:1136--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:WLMRT      20.72    3.358 No_date    3:30   62.21 .790
     {XIMP=.65:TIMP=.65}
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=4.20:LGP= 130.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 371.:MNI=.013:SCI=   .0]
006:1137--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:WEXT        1.58     .199 No_date    3:30   37.22 .473
     [CN= 78.0: N= 3.00]
     [Tp=  .11:DT= 2.00]
006:1138--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:WLMRT      20.72    3.358 No_date    3:30   62.21  n/a
                   +   07:WEXT        1.58     .199 No_date    3:30   37.22  n/a
     [DT= 2.00]  SUM=  08:TWLMRT     22.30    3.558 No_date    3:30   60.44  n/a
006:1139--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 08:TWLMRT     22.30    3.558 No_date    3:30   60.44  n/a
     [RDT= 2.00] out<- 09:WMRTPD     22.30    1.326 No_date    3:56   60.44  n/a
     {MxStoUsed=.5789E+00}
006:1140--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ROUTE PIPE      -> 09:WMRTPD    22.30    1.326 No_date    3:56   60.44  n/a
     [RDT= 2.00] out<- 01:16thST    22.30    1.326 No_date    3:56   60.44  n/a
     [L/S/n=  180./ .580/.013]
     [Vmax= 2.547:Dmax=  .609]
     [Din= 1.05:Dused= 1.05]
006:1141--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CDNT       3.62     .782 No_date    3:30   74.63 .948
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  33.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.30:LGI= 273.:MNI=.013:SCI=   .0]
006:1142--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:TOT16     59.01    3.519 No_date    3:56   56.48  n/a
                     + 01:16thST    22.30    1.326 No_date    3:56   60.44  n/a
     [DT= 2.00]  SUM=  04:TN1       81.31    4.845 No_date    3:56   57.56  n/a
006:1143--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:CDNT       3.62     .782 No_date    3:30   74.63  n/a
                     + 04:TN1       81.31    4.845 No_date    3:56   57.56  n/a
     [DT= 2.00]  SUM=  03:TND1      84.93    5.054 No_date    3:54   58.29  n/a
006:1144--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:TND1      84.93    5.054 No_date    3:54   58.29  n/a
     [RDT= 2.00] out<- 04:ND1ND2    84.93    5.057 No_date    3:56   58.29  n/a
     [L/S/n=  150./ .730/.013]
     [Vmax= 3.638:Dmax=  .719]
     [HGTH= 1.22:WDTH= 1.93]
006:1145--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA2COM     4.44     .940 No_date    3:30   72.56 .922
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=6.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.40:LGI= 149.:MNI=.013:SCI=   .0]
006:1146--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:CA2COM     4.44     .940 No_date    3:30   72.56  n/a
     [LAG=  5.7 min]<- 06:SH2a       4.44     .940 No_date    3:34   72.56  n/a
006:1147--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA3a       5.11     .890 No_date    3:30   60.82 .773
     [XIMP=.55:TIMP=.66]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=7.10:LGP=  28.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 248.:MNI=.013:SCI=   .0]
006:1148--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:CA3a       5.11     .890 No_date    3:30   60.82  n/a
     [LAG=  2.5 min]<- 08:SH3a       5.11     .890 No_date    3:32   60.82  n/a
006:1149--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA3b       2.82     .563 No_date    3:30   68.83 .875
     [XIMP=.81:TIMP=.81]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  40.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .80:LGI= 118.:MNI=.013:SCI=   .0]
006:1150--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:ANDCOM     1.10     .239 No_date    3:30   74.63 .948
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  10.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 115.:MNI=.013:SCI=   .0]
006:1151--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:ANDCOM     1.10     .239 No_date    3:30   74.63  n/a
     [RDT= 2.00] out<- 02:ACPND     1.10     .224 No_date    3:30   74.63  n/a
     [MxStoUsed=.1355E-01]
006:1152--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:ND1ND2    84.93    5.057 No_date    3:56   58.29  n/a
                     + 06:SH2a       4.44     .940 No_date    3:34   72.56  n/a
     [DT= 2.00]  SUM=  03:T2a       89.37    5.304 No_date    3:56   59.00  n/a
006:1153--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T2a       89.37    5.304 No_date    3:56   59.00  n/a
                     + 08:SH3a       5.11     .890 No_date    3:32   60.82  n/a
     [DT= 2.00]  SUM=  04:T2b       94.48    5.714 No_date    3:32   59.10  n/a
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006:1154--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:T2b       94.48    5.714 No_date    3:32   59.10  n/a
                     + 02:ACPND      1.10     .224 No_date    3:30   74.63  n/a
     [DT= 2.00]  SUM=  05:T2c       95.58    5.932 No_date    3:32   59.28  n/a
006:1155--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T2c       95.58    5.932 No_date    3:32   59.28  n/a
                     + 09:CA3b       2.82     .563 No_date    3:30   68.83  n/a
     [DT= 2.00]  SUM=  03:TND2      98.40    6.434 No_date    3:30   59.55  n/a
006:1156--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    03:TND2      98.40    6.434 No_date    3:30   59.55  n/a
      Major System /   04:CHAN      19.23    3.414 No_date    3:30   59.55  n/a
      Minor System \   05:PIPE      79.17    3.020 No_date    3:08   59.55  n/a
006:1157--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:PIPE      79.17    3.020 No_date    3:08   59.55  n/a
     [RDT= 2.00] out<- 06:N3N4P     79.17    3.020 No_date    4:00   59.55  n/a
     [L/S/n=  640./ .600/.013]
     [Vmax= 3.043:Dmax=  .985]
     [Din= 1.20:Dused= 1.20]
006:1158--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:CHAN      19.23    3.414 No_date    3:30   59.55  n/a
 *   [RDT= 2.00] out<- 07:N2N3C     19.23    3.341 No_date    3:32   59.55  n/a
     [L/S/n=  240./ .650/.035]
     [Vmax= 1.325:Dmax=  .549]
006:1159--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA1COM     5.30    1.117 No_date    3:30   72.56 .922
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI= 146.:MNI=.013:SCI=   .0]
006:1160--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA1IND    10.99    2.110 No_date    3:30   66.35 .843
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.10:LGI= 234.:MNI=.013:SCI=   .0]
006:1161--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:CA1COM     5.30    1.117 No_date    3:30   72.56  n/a
                     + 05:CA1IND    10.99    2.110 No_date    3:30   66.35  n/a
     [DT= 2.00]  SUM=  08:TOT1      16.29    3.227 No_date    3:30   68.37  n/a
006:1162--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:TOT1      16.29    3.227 No_date    3:30   68.37  n/a
     [LAG= 34.4 min]<- 09:SH1       16.29    3.227 No_date    4:04   68.37  n/a
006:1163--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:N2N3C     19.23    3.341 No_date    3:32   59.55  n/a
                     + 09:SH1       16.29    3.227 No_date    4:04   68.37  n/a
     [DT= 2.00]  SUM=  02:T3a       35.52    5.970 No_date    4:00   63.60  n/a
006:1164--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA2IND     5.15     .989 No_date    3:30   66.35 .843
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.20:LGI= 227.:MNI=.013:SCI=   .0]
006:1165--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA2IND     5.15     .989 No_date    3:30   66.35  n/a
     [LAG= 37.7 min]<- 03:SH2b      5.15     .989 No_date    4:06   66.35  n/a
006:1166--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA4b      14.53    1.554 No_date    3:36   50.43 .641
     [XIMP=.25:TIMP=.44]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  73.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .30:LGI= 466.:MNI=.013:SCI=   .0]
006:1167--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T3a       35.52    5.970 No_date    4:00   63.60  n/a
                     + 03:SH2b       5.15     .989 No_date    4:06   66.35  n/a
     [DT= 2.00]  SUM=  01:T3a       40.67    6.935 No_date    4:00   63.94  n/a
006:1168--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:T3a       40.67    6.935 No_date    4:00   63.94  n/a
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                +  04:CA4b       14.53    1.554 No_date    3:36   50.43  n/a
    [DT= 2.00[  SUM=  03:T3b       55.20    7.954 No_date    3:56   60.39  n/a
006:1169--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:MALL      13.24    2.342 No_date    3:30   70.15 .891
     [XIMP=.63:TIMP=.89]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.30:LGP= 120.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .20:LGI= 293.:MNI=.013:SCI=   .0]
006:1170--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:MALL      13.24    2.342 No_date    3:30   70.15  n/a
       Major System /  02:CHAN       4.03    1.555 No_date    3:30   70.15  n/a
       Minor System \  04:PIPE       9.21     .787 No_date    3:08   70.15  n/a
006:1171--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T3b       55.20    7.954 No_date    3:56   60.39  n/a
                +  02:CHAN       4.03    1.555 No_date    3:30   70.15  n/a
    [DT= 2.00[  SUM=  05:TND3      59.22    8.267 No_date    3:52   61.05  n/a
006:1172--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND3      59.22    8.267 No_date    3:52   61.05  n/a
*   [RDT= 2.00[ out<- 07:ND3ND4    59.22    8.241 No_date    3:54   61.05  n/a
     [L/S/n=  390./ .650/.035[
     {Vmax= 1.709:Dmax=  .864}
006:1173--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA5       15.85    1.672 No_date    3:30   47.78 .607
     [XIMP=.32:TIMP=.47[
     [LOSS= 2 :CN= 69.0]
     [Pervious     area: IAper=5.00:SLPP=1.50:LGP= 103.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.40:LGI= 289.:MNI=.013:SCI=   .0[
006:1174--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA5       15.85    1.672 No_date    3:30   47.78  n/a
     [LAG=  5.9 min]<- 09:SH5       15.85    1.672 No_date    3:34   47.78  n/a
006:1175--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:CA6b      32.10    2.333 No_date    3:34   48.60 .618
     [XIMP=.20:TIMP=.40]
     [LOSS= 2 :CN= 76.0[
     {Pervious     area: IAper=5.00:SLPP= .70:LGP= 135.:MNP=.250:SCP=   .0[
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 539.:MNI=.013:SCI=   .0]
006:1176--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA6b      32.10    2.333 No_date    3:34   48.60  n/a
                +  09:SH5       15.85    1.672 No_date    3:34   47.78  n/a
    [DT= 2.00[  SUM=  02:T56ND3    47.95    4.005 No_date    3:34   48.33  n/a
006:1177--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA7        2.90     .254 No_date    3:30   42.11 .535
     [XIMP=.33:TIMP=.38]
     {LOSS= 2 :CN= 63.0}
     [Pervious     area: IAper=6.50:SLPP= .60:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 130.:MNI=.013:SCI=   .0[
006:1178--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:CA7        2.90     .254 No_date    3:30   42.11  n/a
     [LAG=  6.6 min]<- 01:SH7        2.90     .254 No_date    3:36   42.11  n/a
006:1179--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA8        8.01    1.573 No_date    3:30   68.55 .871
     [XIMP=.73:TIMP=.84[
     [LOSS= 2 :CN= 76.0[
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  60.:MNP=.250:SCP=   .0[
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI=  95.:MNI=.013:SCI=   .0[
006:1180--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:CA8        8.01    1.573 No_date    3:30   68.55  n/a
     [LAG= 21.3 min]<- 08:SH8        8.01    1.573 No_date    3:50   68.55  n/a
006:1181--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA11       4.18     .478 No_date    3:32   48.75 .619
     [XIMP=.28:TIMP=.36]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 270.:MNI=.013:SCI=   .0]
006:1182--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:SH7        2.90     .254 No_date    3:36   42.11  n/a
                +  08:SH8        8.01    1.573 No_date    3:50   68.55  n/a
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    [DT= 2.00]  SUM=  05:T7811a    10.91    1.708 No_date    3:50   61.53  n/a
006:1183--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T7811a    10.91    1.708 No_date    3:50   61.53  n/a
                +  09:CA11       4.18     .478 No_date    3:32   48.75  n/a
    [DT= 2.00[  SUM=  03:T7811b    15.09    2.130 No_date    3:34   57.99  n/a
006:1184--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T7811b    15.09    2.130 No_date    3:34   57.99  n/a
                +  02:T56ND3    47.95    4.005 No_date    3:34   48.33  n/a
    [DT= 2.00[  SUM=  05:T7811     63.04    6.135 No_date    3:34   50.64  n/a
006:1185--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:ND3ND4    59.22    8.241 No_date    3:54   61.05  n/a
                +  05:T7811     63.04    6.135 No_date    3:34   50.64  n/a
    [DT= 2.00]  SUM=  02:T56781   122.26   13.430 No_date    3:50   55.68  n/a
006:1186--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
*   CALIB STANDHYD     03:CA3c      1.14     .175 No_date    3:30   55.08 .700
     [XIMP=.45:TIMP=.50]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.250:SCP=   .0[
     [Impervious   area: IAimp=2.00:SLPI=2.50:LGI=  80.:MNI=.013:SCI=   .0[
006:1187--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:CA3c      1.14     .175 No_date    3:30   55.08  n/a
     [RDT= 2.00] out<- 05:3cPIPE    1.14     .169 No_date    3:30   55.08  n/a
     [L/S/n=  240./ .200/.013[
     {Vmax= 1.030:Dmax=  .348}
     [Din=  .60:Dused=  .60}
006:1188--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA4a      1.86     .369 No_date    3:30   67.57 .859
     [XIMP=.75:TIMP=.80[
     [LOSS= 2 :CN= 76.0[
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  24.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  69.:MNI=.013:SCI=   .0]
006:1189--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:PIPE      9.21     .787 No_date    3:08   70.15  n/a
                +  03:CA4a      1.86     .369 No_date    3:30   67.57  n/a
    [DT= 2.00]  SUM=  08:TMLL4a    11.07    1.156 No_date    3:30   69.72  n/a
006:1190--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TMLL4a    11.07    1.156 No_date    3:30   69.72  n/a
                +  05:3cPIPE    1.14     .169 No_date    3:30   55.08  n/a
    [DT= 2.00[  SUM=  07:TMLL3c    12.21    1.325 No_date    3:30   68.36  n/a
006:1191--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:TMLL3c    12.21    1.325 No_date    3:30   68.36  n/a
     [RDT= 2.00] out<- 09:ML3CN4    12.21    1.319 No_date    3:30   68.36  n/a
     [L/S/n=  405./ .600/.013]
     {Vmax= 2.238:Dmax=  .305}
     {HGTH= 1.22:WDTH= 1.93}
006:1192--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA6IND     3.04     .579 No_date    3:30   66.35 .843
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     {Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0[
     {Impervious   area: IAimp=2.00:SLPI= .60:LGI=  87.:MNI=.013:SCI=   .0]
006:1193--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:CA6IND     3.04     .579 No_date    3:30   66.35  n/a
                +  09:ML3CN4    12.21    1.319 No_date    3:30   68.36  n/a
    [DT= 2.00]  SUM=  01:ML436a    15.25    1.898 No_date    3:30   67.96  n/a
006:1194--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T56781   122.26   13.430 No_date    3:50   55.68  n/a
                +  01:ML436a    15.25    1.898 No_date    3:30   67.96  n/a
    [DT= 2.00[  SUM=  03:ML436b   137.52   14.577 No_date    3:50   57.04  n/a
006:1195--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:N3N4P     79.17    3.020 No_date    4:00   59.55  n/a
                +  03:ML436b   137.52   14.577 No_date    3:50   57.04  n/a
    [DT= 2.00[  SUM=  04:TND4     216.69   17.597 No_date    3:50   57.96  n/a
006:1196--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:TND4     216.69   17.597 No_date    3:50   57.96  n/a
     [RDT= 2.00] out<- 02:ND4ND5   216.69   17.508 No_date    3:50   57.96  n/a
     {L/S/n=  697./ .650/.035]
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     (Vmax= 2.706:Dmax= 2.146)
006:1197--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:MLLRE      1.26      .239 No_date    3:30   63.87 .812
     (XIMP=.60:TIMP=.74)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=1.90:LGP=  26.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI= .70:LGI=  73.:MNI=.013:SCI=   .0)
006:1198--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:MLLRE      1.26      .239 No_date    3:30   63.87  n/a
     (RDT= 2.00) out<- 04:MLLRCE     1.26      .112 No_date    3:36   63.87  n/a
     (MxStoUsed=.2405E-01)
006:1199--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 04:MLLRCE     1.26      .112 No_date    3:36   63.87  n/a
     (LAG= 18.8 min)<- 05:SHMLRE     1.26      .112 No_date    3:54   63.87  n/a
006:1200--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:MLLRW      1.73      .357 No_date    3:30   71.51 .909
     (XIMP=.82:TIMP=.90)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=1.35:LGP=  37.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI= .42:LGI= 120.:MNI=.013:SCI=   .0)
006:1201--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:MLLRW      1.73      .357 No_date    3:30   71.51  n/a
     (RDT= 2.00) out<- 07:MLLRCW     1.73      .238 No_date    3:34   71.51  n/a
     (MxStoUsed=.3302E-01)
006:1202--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:MLLRCW     1.73      .238 No_date    3:34   71.51  n/a
     (LAG= 13.4 min)<- 08:SHMLRW     1.73      .238 No_date    3:46   71.51  n/a
006:1203--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA9        7.85      .971 No_date    3:30   52.33 .665
     (XIMP=.42:TIMP=.43)
     (LOSS= 2 :CN= 75.0)
     (Pervious     area: IAper=5.00:SLPP=1.60:LGP=  96.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.70:LGI= 207.:MNI=.013:SCI=   .0)
006:1204--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TOTMLR     1.73      .238 No_date    3:46   71.51  n/a
                   +   05:SHMLRE     1.26      .112 No_date    3:54   63.87  n/a
     (DT= 2.00)  SUM=  08:TOTMLR     2.99      .344 No_date    3:48   68.29  n/a
006:1205--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:CA9        7.85      .971 No_date    3:30   52.33  n/a
                   +   08:TOTMLR     2.99      .344 No_date    3:48   68.29  n/a
     (DT= 2.00)  SUM=  03:T9MLR     10.84     1.210 No_date    3:30   56.73  n/a
006:1206--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:T9MLR     10.84     1.210 No_date    3:30   56.73  n/a
     (LAG= 19.3 min)<- 04:CA9       10.84     1.210 No_date    3:48   56.73  n/a
006:1207--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA10IN     17.87     3.315 No_date    3:30   66.35 .843
     (XIMP=.75:TIMP=.75)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.20:LGI= 427.:MNI=.013:SCI=   .0)
006:1208--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA13       7.15      .820 No_date    3:30   53.78 .683
     (XIMP=.44:TIMP=.54)
     (LOSS= 2 :CN= 74.0)
     (Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI= .60:LGI=  80.:MNI=.013:SCI=   .0)
006:1209--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA14       7.52      .641 No_date    3:30   46.50 .591
     (XIMP=.32:TIMP=.35)
     (LOSS= 2 :CN= 74.0)
     (Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 111.:MNI=.013:SCI=   .0)
006:1210--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:CA10IN     17.87     3.315 No_date    3:30   66.35  n/a
                   +   06:CA13       7.15      .820 No_date    3:30   53.78  n/a
     (DT= 2.00)  SUM=  08:T1013      25.02     4.136 No_date    3:30   62.76  n/a
006:1211--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            08:T1013      25.02     4.136 No_date    3:30   62.76  n/a
                   +   04:CA9        10.84     1.210 No_date    3:48   56.73  n/a
     (DT= 2.00)  SUM=  03:T14        35.86     4.952 No_date    3:30   60.93  n/a
006:1212--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T14        35.86     4.952 No_date    3:30   60.93  n/a
                   +   07:CA14        7.52      .641 No_date    3:30   46.50  n/a
     (DT= 2.00)  SUM=  04:T91013     43.38     5.594 No_date    3:30   58.43  n/a
006:1213--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:ND4ND5    216.69    17.508 No_date    3:50   57.96  n/a
                   +   04:T91013     43.38     5.594 No_date    3:30   58.43  n/a
     (DT= 2.00)  SUM=  07:TND5      260.07    21.311 No_date    3:32   58.04  n/a
006:1214--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 07:TND5      260.07    21.311 No_date    3:32   58.04  n/a
     (RDT= 2.00) out<- 08:ND5ND6    260.07    20.994 No_date    3:36   58.04  n/a
     (L/S/n=  578./1.640/.035]
     (Vmax= 2.426:Dmax= 2.004)
006:1215--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       09:15WHZ      1.38      .109 No_date    3:38   31.25 .397
     (CN= 74.0: N= 3.00)
     (Tp=  .25:DT= 2.00)
006:1216--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:15WRE      12.42     1.959 No_date    3:30   54.40 .691
     (XIMP=.30:TIMP=.55)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 221.:MNI=.013:SCI=   .0)
006:1217--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:15WRE      12.42     1.959 No_date    3:30   54.40  n/a
                   +   09:15WHZ      1.38      .109 No_date    3:38   31.25  n/a
     (DT= 2.00)  SUM=  03:T15W      13.80     2.052 No_date    3:30   52.09  n/a
006:1218--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       04:15EHZ      3.15      .248 No_date    3:38   31.25 .397
     (CN= 74.0: N= 3.00)
     (Tp=  .25:DT= 2.00)
006:1219--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:15EIND     4.89      .910 No_date    3:30   66.35 .843
     (XIMP=.75:TIMP=.75)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 500.:MNI=.013:SCI=   .0)
006:1220--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:15EHZ      3.15      .248 No_date    3:38   31.25  n/a
                   +   06:15EIND     4.89      .910 No_date    3:30   66.35  n/a
     (DT= 2.00)  SUM=  07:T15E       8.04     1.123 No_date    3:30   52.60  n/a
006:1221--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:T15E       8.04     1.123 No_date    3:30   52.60  n/a
                   +   03:T15W      13.80     2.052 No_date    3:30   52.09  n/a
     (DT= 2.00)  SUM=  09:T15EW     21.84     3.175 No_date    3:30   52.28  n/a
006:1222--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:UNGAS       .99      .131 No_date    3:30   42.88 .545
     (XIMP=.22:TIMP=.22)
     (LOSS= 2 :CN= 74.0)
     (Pervious     area: IAper=5.00:SLPP=3.30:LGP=  15.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.20:LGI=  90.:MNI=.013:SCI=   .0)
006:1223--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:UNGAS       .99      .131 No_date    3:30   42.88  n/a
     (RDT= 2.00) out<- 02:UNGPND      .99      .034 No_date    4:04   42.87  n/a
     (MxStoUsed=.2071E-01)
006:1224--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 02:UNGPND      .99      .034 No_date    4:04   42.87  n/a
     (LAG= 16.3 min)<- 03:SHUNGS      .99      .034 No_date    4:20   42.87  n/a
006:1225--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:T15EW      21.84     3.175 No_date    3:30   52.28  n/a
                   +   03:SHUNGS      .99      .034 No_date    4:20   42.87  n/a
     (DT= 2.00)  SUM=  04:T15       22.83     3.191 No_date    3:30   51.87  n/a
006:1226--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA16I      26.59     4.819 No_date    3:30   66.35 .843
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     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 551.:MNI=.013:SCI=   .0]
006:1227--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           07:CA16I     26.59    4.819 No_date    3:30   66.35  n/a
                    + 04:T15       22.83    3.191 No_date    3:30   51.87  n/a
     [DT= 2.00]  SUM=  09:T1516     49.42    8.010 No_date    3:30   59.66  n/a
006:1228--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           08:ND5ND6   260.07   20.994 No_date    3:36   58.04  n/a
                    + 09:T1516     49.42    8.010 No_date    3:30   59.66  n/a
     [DT= 2.00]  SUM=  03:TND6     309.49   28.374 No_date    3:32   58.30  n/a
006:1229--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 03:TND6     309.49   28.374 No_date    3:32   58.30  n/a
     [RDT= 2.00] out<- 02:ND6ND8   309.49   27.968 No_date    3:34   58.30  n/a
     [L/S/n=  503./1.290/.035]
     {Vmax= 3.290:Dmax= 1.886}
006:1230--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    03:CA17RW     6.93    1.101 No_date    3:30   54.40 .691
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.80:LGI= 263.:MNI=.013:SCI=   .0]
006:1231--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      05:17WOS      2.11     .233 No_date    3:32   36.16 .460
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
006:1232--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           03:CA17RW     6.93    1.101 No_date    3:30   54.40  n/a
                    + 05:17WOS      2.11     .233 No_date    3:32   36.16  n/a
     [DT= 2.00]  SUM=  04:T17        9.04    1.325 No_date    3:30   50.15  n/a
006:1233--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    06:CA17RE     3.51     .554 No_date    3:30   54.40 .691
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.40:LGI= 246.:MNI=.013:SCI=   .0]
006:1234--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      08:17EOS      6.57     .724 No_date    3:32   36.16 .460
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
006:1235--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           08:17EOS      6.57     .724 No_date    3:32   36.16  n/a
                    + 06:CA17RE     3.51     .554 No_date    3:30   54.40  n/a
     [DT= 2.00]  SUM=  01:T17       10.08    1.254 No_date    3:32   42.52  n/a
006:1236--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:T17       10.08    1.254 No_date    3:32   42.52  n/a
                    + 04:T17        9.04    1.325 No_date    3:30   50.15  n/a
     [DT= 2.00]  SUM=  09:T17RES    19.12    2.578 No_date    3:30   46.12  n/a
006:1237--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           02:ND6ND8   309.49   27.968 No_date    3:34   58.30  n/a
                    + 09:T17RES    19.12    2.578 No_date    3:30   46.12  n/a
     [DT= 2.00]  SUM=  05:TND8     328.61   30.301 No_date    3:34   57.59  n/a
006:1238--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND8     328.61   30.301 No_date    3:34   57.59  n/a
     [RDT= 2.00] out<- 06:ND8ND9   328.61   30.013 No_date    3:36   57.59  n/a
     [L/S/n=  405./1.480/.045]
     {Vmax= 2.702:Dmax= 1.541}
006:1239--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      07:CA18      12.02     .802 No_date    3:48   35.04 .445
     [CN= 78.0: N= 3.00]
     [Tp=  .41:DT= 2.00]
006:1240--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           07:CA18      12.02     .802 No_date    3:48   35.04  n/a
                    + 06:ND8ND9   328.61   30.013 No_date    3:36   57.59  n/a
     [DT= 2.00]  SUM=  08:TND9     340.63   30.686 No_date    3:36   56.79  n/a
006:1241--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ROUTE CHANNEL   -> 08:TND9     340.63   30.686 No_date    3:36   56.79  n/a
     [RDT= 2.00] out<- 09:ND9ND1   340.63   30.388 No_date    3:38   56.79  n/a
     [L/S/n=  505./1.900/.045]
     {Vmax= 2.850:Dmax= 1.182}
006:1242--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      01:CA19       1.18     .111 No_date    3:34   31.25 .397
     [CN= 74.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
006:1243--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    02:CA20IN     7.54    1.413 No_date    3:30   66.35 .843
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 194.:MNI=.013:SCI=   .0]
006:1244--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:CA19       1.18     .111 No_date    3:34   31.25  n/a
                    + 02:CA20IN     7.54    1.413 No_date    3:30   66.35  n/a
     [DT= 2.00]  SUM=  03:T1920      8.72    1.520 No_date    3:30   61.60  n/a
006:1245--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           03:T1920      8.72    1.520 No_date    3:30   61.60  n/a
                    + 09:ND9ND1   340.63   30.388 No_date    3:38   56.79  n/a
     [DT= 2.00]  SUM=  04:TND10    349.35   31.305 No_date    3:38   56.91  n/a
  ** END OF RUN :   6

*******************************************************************************



 RUN:COMMAND#
 007:1251-------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   7 ]
*#*****************************************************************************
*#  Project Name: [Owen Sound Drainage Study]    Project Number: ]MCG 10665]
*#  Date        : 04-12-2007
*#  Modeller    : [T.Lozon]
*#  Company     : R.J. Burnside and Associates
*#  License #   :  3846413
 007:1253-------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  = TIMMINS REGIONAL STORM (12-hour)
      [SDT=60.00:SDUR=  12.00:PTOT=193.00]
 007:1254--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD    04:TRA7       1.82     .200 No_date    7:00  168.18 .871
      [XIMP=.60:TIMP=.60]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP= .50:LGP=  70.:MNP=.030:SCP=   .0]
      [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 170.:MNI=.013:SCI=   .0]
 007:1255--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD    01:A8          .28     .030 No_date    7:00  162.47 .842
      [XIMP=.50:TIMP=.50]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  82.:MNP=.030:SCP=   .0]
      [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  82.:MNI=.013:SCI=   .0]
 007:1256--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 01:A8          .28     .030 No_date    7:00  162.47  n/a
  *   [RDT= 2.00] out<- 02:Pipe16      .28     .030 No_date    7:00  162.47  n/a
      [L/S/n=   15./2.000/.013]
      {Vmax= 1.443:Dmax=  .079}
      [Din=  .53:Dused=  .53)
 007:1257--------------ID:NHYD------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            02:Pipe16      .28     .030 No_date    7:00  162.47  n/a
                  +    04:TRA7       1.82     .200 No_date    7:00  168.18  n/a
     [DT= 2.00]  SUM=  03:TRA8       2.10     .231 No_date    7:00  167.42  n/a
007:1258--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A9          .28     .029 No_date    7:00  139.65 .724
     [XIMP=.10:TIMP=.10]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=4.10:LGP= 100.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI=  35.:MNI=.013:SCI=   .0]
007:1259--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:A9          .28     .029 No_date    7:00  139.65  n/a
 *   [RDT= 2.00] out<- 05:Pipe17      .28     .029 No_date    7:00  139.65  n/a
     [L/S/n=   29./2.000/.013]
     [Vmax= 1.406:Dmax=  .077]
     [Din=  .53:Dused=  .53]
007:1260--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe17      .28     .029 No_date    7:00  139.65  n/a
                  +    03:TRA8       2.10     .231 No_date    7:00  167.42  n/a
     [DT= 2.00]  SUM=  06:TRA9       2.38     .259 No_date    7:00  164.11  n/a
007:1261--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:A10         .59     .064 No_date    7:00  162.47 .842
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  73.:MNI=.013:SCI=   .0]
007:1262--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:A10         .59     .064 No_date    7:00  162.47  n/a
 *   [RDT= 2.00] out<- 08:Pipe18      .59     .064 No_date    7:00  162.47  n/a
     [L/S/n=   60./2.000/.013]
     [Vmax= 1.816:Dmax=  .115]
     [Din=  .53:Dused=  .53]
007:1263--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe18      .59     .064 No_date    7:00  162.47  n/a
                  +    06:TRA9       2.38     .259 No_date    7:00  164.11  n/a
     [DT= 2.00]  SUM=  09:TRA10      2.97     .323 No_date    7:00  163.78  n/a
007:1264--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A11         .82     .090 No_date    7:00  162.47 .842
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  67.:MNI=.013:SCI=   .0]
007:1265--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A11         .82     .090 No_date    7:00  162.47  n/a
 *   [RDT= 2.00] out<- 02:Pipe19      .82     .090 No_date    7:00  162.47  n/a
     [L/S/n=   59./2.000/.013]
     [Vmax= 2.007:Dmax=  .136]
     [Din=  .53:Dused=  .53]
007:1266--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TRA10       2.97     .323 No_date    7:00  163.78  n/a
                  +    02:Pipe19       .82     .090 No_date    7:00  162.47  n/a
     [DT= 2.00]  SUM=  03:TRA11       3.80     .413 No_date    7:00  163.50  n/a
007:1267--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A12         .30     .031 No_date    7:00  145.36 .753
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  58.:MNI=.013:SCI=   .0]
007:1268--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:A12         .30     .031 No_date    7:00  145.36  n/a
 *   [RDT= 2.00] out<- 05:Pipe20      .30     .031 No_date    7:00  145.36  n/a
     [L/S/n=   69./2.000/.013]
     [Vmax= 1.452:Dmax=  .080]
     [Din=  .53:Dused=  .53]
007:1269--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe20      .30     .031 No_date    7:00  145.36  n/a
                  +    03:TRA11      3.80     .413 No_date    7:00  163.50  n/a
     [DT= 2.00]  SUM=  06:TRA12      4.10     .444 No_date    7:00  162.17  n/a
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007:1270--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:A13         .31     .032 No_date    7:00  151.06 .783
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  68.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  68.:MNI=.013:SCI=   .0]
007:1271--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:A13         .31     .032 No_date    7:00  151.06  n/a
 *   [RDT= 2.00] out<- 08:Pipe21      .31     .032 No_date    7:00  151.06  n/a
     [L/S/n=   53./1.900/.013]
     [Vmax= 1.465:Dmax=  .083]
     [Din=  .53:Dused=  .53]
007:1272--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe21      .31     .032 No_date    7:00  151.06  n/a
                  +    06:TRA12      4.10     .444 No_date    7:00  162.17  n/a
     [DT= 2.00]  SUM=  09:TRA13      4.41     .476 No_date    7:00  161.39  n/a
007:1273--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A14         .22     .023 No_date    7:00  151.06 .783
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
007:1274--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A14         .22     .023 No_date    7:00  151.06  n/a
 *   [RDT= 2.00] out<- 02:Pipe22      .22     .023 No_date    7:00  151.06  n/a
     [L/S/n=   52./1.250/.013]
     [Vmax= 1.093:Dmax=  .074]
     [Din=  .60:Dused=  .60]
007:1275--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe22      .22     .023 No_date    7:00  151.06  n/a
                  +    09:TRA13      4.41     .476 No_date    7:00  161.39  n/a
     [DT= 2.00]  SUM=  03:TRA14      4.63     .500 No_date    7:00  160.89  n/a
007:1276--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A15         .24     .025 No_date    7:00  151.06 .783
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
007:1277--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:A15         .24     .025 No_date    7:00  151.06  n/a
 *   [RDT= 2.00] out<- 05:Pipe23      .24     .025 No_date    7:00  151.06  n/a
     [L/S/n=   10./ .500/.013]
     [Vmax=  .785:Dmax=  .089]
     [Din=  .75:Dused=  .75]
007:1278--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe23      .24     .025 No_date    7:00  151.06  n/a
                  +    03:TRA14      4.63     .500 No_date    7:00  160.89  n/a
     [DT= 2.00]  SUM=  06:TRA15      4.87     .524 No_date    7:00  160.41  n/a
007:1279--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:A101        3.00     .341 No_date    7:00  173.50 .899
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 150.:MNI=.013:SCI=   .0]
007:1280--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A101        3.00     .341 No_date    7:00  173.50  n/a
 *   [RDT= 2.00] out<- 02:Pipe24      3.00     .341 No_date    7:00  173.50  n/a
     [L/S/n=   60./ .750/.013]
     [Vmax= 1.971:Dmax=  .285]
     [Din=  .90:Dused=  .90]
007:1281--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:Pipe24      3.00     .341 No_date    7:00  173.50  n/a
 *   [RDT= 2.00] out<- 03:Pipe25      3.00     .341 No_date    7:00  173.50  n/a
     [L/S/n=   36./ .400/.013]
     [Vmax= 1.580:Dmax=  .368]
     [Din=  .75:Dused=  .75]
007:1282--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            06:TRA15      4.87     .524 No_date    7:00  160.41  n/a
                  +    03:Pipe25     3.00     .341 No_date    7:00  173.50  n/a
     [DT= 2.00]  SUM=  04:TRA101     7.87     .866 No_date    7:00  165.40  n/a
007:1283--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:TRA101     7.87     .866 No_date    7:00  165.40  n/a
 *   [RDT= 2.00] out<- 05:Pipe26     7.87     .865 No_date    7:00  165.40  n/a
     [L/S/n=   51./ .650/.013]
     [Vmax= 2.390:Dmax=  .499]
     [Din=  .90:Dused=  .90]
007:1284--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A102        .74     .087 No_date    7:00  182.25 .944
     [XIMP=.80:TIMP=.80]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  70.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
007:1285--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A102        .74     .087 No_date    7:00  182.25  n/a
 *   [RDT= 2.00] out<- 02:Pipe27      .74     .087 No_date    7:00  182.25  n/a
     [L/S/n=   42./1.000/.013]
     [Vmax= 1.581:Dmax=  .186]
     [Din=  .38:Dused=  .38]
007:1286--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe26     7.87     .865 No_date    7:00  165.40  n/a
                  +    02:Pipe27      .74     .087 No_date    7:00  182.25  n/a
     [DT= 2.00]  SUM=  04:8thSTR     8.61     .952 No_date    7:00  166.85  n/a
007:1287--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:8thSTR     8.61     .952 No_date    7:00  166.85  n/a
 *   [RDT= 2.00] out<- 05:Pipe28     8.61     .952 No_date    7:00  166.85  n/a
     [L/S/n=   88./3.260/.013]
     [Vmax= 4.486:Dmax=  .363]
     [Din=  .75:Dused=  .75]
007:1288--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     06:A103        2.55     .291 No_date    7:00  173.50 .899
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
007:1289--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:A103        2.55     .291 No_date    7:00  173.50  n/a
 *   [RDT= 2.00] out<- 07:Pipe29      2.55     .291 No_date    7:00  173.50  n/a
     [L/S/n=   65./2.800/.013]
     [Vmax= 3.066:Dmax=  .200]
     [Din=  .75:Dused=  .75]
007:1290--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe28     8.61     .952 No_date    7:00  166.85  n/a
                  +    07:Pipe29     2.55     .291 No_date    7:00  173.50  n/a
     [DT= 2.00]  SUM=  08:OSCVIb    11.16    1.243 No_date    7:00  168.37  n/a
007:1291--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:AREAB       6.03     .687 No_date    7:00  173.50 .899
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.50:LGP=  55.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI= 320.:MNI=.013:SCI=   .0]
007:1292--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:AREAB       6.03     .687 No_date    7:00  173.50  n/a
                  +    08:OSCVIb     11.16    1.243 No_date    7:00  168.37  n/a
     [DT= 2.00]  SUM=  01:OSCVI      17.19    1.930 No_date    7:00  170.17  n/a
007:1293--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:OSCVI      17.19    1.930 No_date    7:00  170.17  n/a
 *   [RDT= 2.00] out<- 02:Pipe30     17.19    1.930 No_date    7:00  170.17  n/a
     [L/S/n=  150./2.600/.013]
     [Vmax= 4.903:Dmax=  .534]
     [Din=  .90:Dused=  .90]
007:1294--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:HOSP        4.59     .494 No_date    7:00  156.00 .808
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
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     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 130.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 300.:MNI=.013:SCI=   .0]
007:1295--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:HOSP       4.59     .494 No_date    7:00  156.00  n/a
 *   [RDT= 2.00] out<- 04:Pipe31     4.59     .494 No_date    7:00  156.00  n/a
     [L/S/n=  118./6.000/.013]
     [Vmax= 4.589:Dmax=  .324]
     [Din=  .38:Dused=  .40]
007:1296--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:Pipe31     4.59     .494 No_date    7:00  156.00  n/a
 *   [RDT= 2.00] out<- 05:Pipe32     4.59     .493 No_date    7:00  156.00  n/a
     [L/S/n=   70./1.100/.013]
     [Vmax= 2.510:Dmax=  .394]
     [Din=  .60:Dused=  .60]
007:1297--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe30    17.19    1.930 No_date    7:00  170.17  n/a
                  +    05:Pipe32     4.59     .493 No_date    7:00  156.00  n/a
     [DT= 2.00]  SUM=  06:TOTHSP    21.78    2.423 No_date    7:00  167.18  n/a
007:1298--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:TOTHSP    21.78    2.423 No_date    7:00  167.18  n/a
 *   [RDT= 2.00] out<- 07:Pipe33    21.78    2.423 No_date    7:00  167.18  n/a
     [L/S/n=   60./4.300/.013]
     [Vmax= 6.274:Dmax=  .526]
     [Din=  .90:Dused=  .90]
007:1299--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:104         4.20     .479 No_date    7:00  173.50 .899
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 300.:MNI=.013:SCI=   .0]
007:1300--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:Pipe33    21.78    2.423 No_date    7:00  167.18  n/a
                  +    08:104         4.20     .479 No_date    7:00  173.50  n/a
     [DT= 2.00]  SUM=  09:TOT104    25.98    2.902 No_date    7:00  168.21  n/a
007:1301--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 09:TOT104    25.98    2.902 No_date    7:00  168.21  n/a
 *   [RDT= 2.00] out<- 01:Pipe34    25.98    2.901 No_date    7:00  168.21  n/a
     [L/S/n=   59./1.300/.013]
     [Vmax= 4.188:Dmax=  .706]
     [Din= 1.20:Dused= 1.20]
007:1302--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:105         3.59     .392 No_date    7:00  158.19 .820
     [XIMP=.25:TIMP=.25]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=4.00:LGP= 200.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.00:LGI= 200.:MNI=.013:SCI=   .0]
007:1303--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:105        3.59     .392 No_date    7:00  158.19  n/a
 *   [RDT= 2.00] out<- 03:Pipe35     3.59     .392 No_date    7:00  158.19  n/a
     [L/S/n=   70./ .750/.013]
     [Vmax= 2.058:Dmax=  .383]
     [Din=  .60:Dused=  .60]
007:1304--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe35     3.59     .392 No_date    7:00  158.19  n/a
 *   [RDT= 2.00] out<- 04:Pipe36     3.59     .392 No_date    7:00  158.19  n/a
     [L/S/n=  120./1.050/.013]
     [Vmax= 2.347:Dmax=  .343]
     [Din=  .60:Dused=  .60]
007:1305--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:105.2       2.44     .268 No_date    7:00  160.38 .831
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 300.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 300.:MNI=.013:SCI=   .0]
007:1306--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:Pipe36     3.59     .392 No_date    7:00  158.19  n/a
                  +    05:105.2      2.44     .268 No_date    7:00  160.38  n/a
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     [DT= 2.00]  SUM=  06:T105.2      6.03      .660 No_date    7:00  159.07  n/a
007:1307--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:T105.2      6.03      .660 No_date    7:00  159.07  n/a
 *   [RDT= 2.00] out<- 07:Pipe37      6.03      .660 No_date    7:00  159.07  n/a
     [L/S/n=   75./2.800/.013]
     {Vmax= 3.860:Dmax=  .350}
     ]Din=  .60:Dused=  .60}
007:1308--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:Pipe37      6.03      .660 No_date    7:00  159.07  n/a
 *   [RDT= 2.00] out<- 08:Pipe38      6.03      .660 No_date    7:00  159.07  n/a
     [L/S/n=   69./2.200/.013]
     {Vmax= 3.512:Dmax=  .378}
     [Din=  .60:Dused=  .60]
007:1309--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     09:AREA A      2.34      .253 No_date    7:00  151.05 .783
     [XIMP=.01:TIMP=.10]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=8.00:LGP= 190.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  10.:MNI=.013:SCI=   .0]
007:1310--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:AREA A      2.34      .253 No_date    7:00  151.05  n/a
                   +   08:Pipe38      6.03      .660 No_date    7:00  159.07  n/a
     [DT= 2.00]  SUM=  02:OSCVIA      8.37      .913 No_date    7:00  156.83  n/a
007:1311--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:OSCVIA      8.37      .913 No_date    7:00  156.83  n/a
 *   [RDT= 2.00) out<- 03:Pipe39      8.37      .913 No_date    7:00  156.83  n/a
     ]L/S/n=   50./3.000/.013]
     {Vmax= 4.228:Dmax=  .428}
     ]Din=  .60:Dused=  .60}
007:1312--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:Pipe39      8.37      .913 No_date    7:00  156.83  n/a
 *   [RDT= 2.00] out<- 04:Pipe40      8.37      .913 No_date    7:00  156.83  n/a
     [L/S/n=   30./1.000/.013]
     {Vmax= 2.813:Dmax=  .517}
     {Din=  .75:Dused=  .75}
007:1313--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:Pipe34     25.98     2.901 No_date    7:00  168.21  n/a
                   +   04:Pipe40      8.37      .913 No_date    7:00  156.83  n/a
     [DT= 2.00]  SUM=  05:16&10      34.35     3.814 No_date    7:00  165.43  n/a
007:1314--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:16&10      34.35     3.814 No_date    7:00  165.43  n/a
 *   [RDT= 2.00] out<- 06:Pipe41      34.35     3.812 No_date    7:00  165.43  n/a
     [L/S/n=   80./ .600/.013]
     {Vmax= 3.348:Dmax=  .921}
     [Din= 1.50:Dused= 1.50}
007:1315--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:999         4.20      .426 No_date    7:00  156.00 .808
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP= 350.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI=  60.:MNI=.013:SCI=   .0]
007:1316--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:999         4.20      .426 No_date    7:00  156.00  n/a
 *   [RDT= 2.00] out<- 08:Pipe42      4.20      .426 No_date    7:00  156.00  n/a
     [L/S/n=  100./3.000/.013]
     {Vmax= 3.493:Dmax=  .323}
     [Din=  .45:Dused=  .45}
007:1317--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe42      4.20      .426 No_date    7:00  156.00  n/a
                   +   06:Pipe41     34.35     3.812 No_date    7:00  165.43  n/a
     [DT= 2.00)  SUM=  09:TRA999     38.55     4.238 No_date    7:00  164.41  n/a
007:1318--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:106         1.95      .210 No_date    7:00  156.00 .808
     ]XIMP=.20:TIMP=.20]
     ]LOSS= 2 :CN= 83.0}
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  50.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI=  50.:MNI=.013:SCI=   .0]
```



```
007:1319--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TRA999     38.55     4.238 No_date    7:00  164.41  n/a
                   +   01:106         1.95      .210 No_date    7:00  156.00  n/a
     [DT= 2.00]  SUM=  02:TRA106     40.50     4.448 No_date    7:00  164.00  n/a
007:1320--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 02:TRA106     40.50     4.448 No_date    7:00  164.00  n/a
     [RDT= 2.00] out<- 03:CHAN-1      40.50     4.444 No_date    7:00  164.00  n/a
     [L/S/n=  150./2.000/.035]
     {Vmax= 2.224:Dmax=  .547}
007:1321--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:CHAN-1      40.50     4.444 No_date    7:00  164.00  n/a
     [RDT= 2.00) out<- 04:POND1       40.50     4.416 No_date    7:02  164.00  n/a
    {MxStoUsed=.1385E+01}
007:1322--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:107.1        .96      .107 No_date    7:00  164.75 .854
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
007:1323--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:107.1        .96      .107 No_date    7:00  164.75  n/a
 *   [RDT= 2.00] out<- 06:Pipe43       .96      .107 No_date    7:00  164.75  n/a
     [L/S/n=   43./2.400/.013]
     {Vmax= 2.301:Dmax=  .187}
     [Din=  .30:Dused=  .30]
007:1324--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:107.2        .30      .033 No_date    7:00  164.75 .854
     {XIMP=.40:TIMP=.40]
     {LOSS= 2 :CN= 83.0]
     {Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
007:1325--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:107.2        .30      .033 No_date    7:00  164.75  n/a
                   +   06:Pipe43       .96      .107 No_date    7:00  164.75  n/a
     [DT= 2.00]  SUM=  08:T107.2      1.26      .140 No_date    7:00  164.75  n/a
007:1326--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 08:T107.2      1.26      .140 No_date    7:00  164.75  n/a
 *   [RDT= 2.00) out<- 09:Pipe44      1.26      .140 No_date    7:00  164.75  n/a
     [L/S/n=   65./2.200/.013]
     {Vmax= 2.397:Dmax=  .196}
     [Din=  .38:Dused=  .38}
007:1327--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:107.3        .30      .033 No_date    7:00  164.75 .854
     [XIMP=.40:TIMP=.40]
     ]LOSS= 2 :CN= 83.0}
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
007:1328--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:107.3        .30      .033 No_date    7:00  164.75  n/a
                   +   09:Pipe44      1.26      .140 No_date    7:00  164.75  n/a
     [DT= 2.00]  SUM=  02:T107.3      1.56      .173 No_date    7:00  164.75  n/a
007:1329--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:T107.3      1.56      .173 No_date    7:00  164.75  n/a
 *   [RDT= 2.00] out<- 03:Pipe45      1.56      .173 No_date    7:00  164.75  n/a
     [L/S/n=   55./1.900/.013]
     {Vmax= 2.391:Dmax=  .209}
     [Din=  .45:Dused=  .45}
007:1330--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:Pipe45      1.56      .173 No_date    7:00  164.75  n/a
                   +   04:POND1      40.50     4.416 No_date    7:02  164.00  n/a
     ]DT= 2.00]  SUM=  05:16+10      42.06     4.588 No_date    7:00  164.03  n/a
007:1331--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:16+10      42.06     4.588 No_date    7:00  164.03  n/a
 *   [RDT= 2.00] out<- 06:Pipe46      42.06     4.587 No_date    7:00  164.03  n/a
     [L/S/n=   94./ .600/.013]
     {Vmax= 3.378:Dmax= 1.152}
     [Din= 1.20:Dused= 1.40}
```

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007:1332---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:900         7.25      .825 No_date    7:00  173.50 .899
     [XIMP=.60:TIMP=.60]
     {LOSS= 2 :CN= 83.0}
     |Pervious     area: IAper=5.00:SLPP=5.00:LGP= 100.:MNP=.100:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 100.:MNI=.013:SCI=    .0]
007:1333---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:900         7.25      .825 No_date    7:00  173.50  n/a
     {RDT= 2.00} out<- 08:POND2       7.25      .610 No_date    7:04  173.50  n/a
    {MxStoUsed=.1230E+00}
007:1334---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 08:POND2      7.25      .610 No_date    7:04  173.50  n/a
 *   {RDT= 2.00} out<- 09:Pipe47      7.25      .609 No_date    7:06  173.50  n/a
     [L/S/n=  250./ .400/.013]
     {Vmax= 1.794:Dmax=  .540}
     [Din=  .75:Dused=  .75)
007:1335---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:Pipe47      7.25      .609 No_date    7:06  173.50  n/a
                     + 06:Pipe46     42.06     4.587 No_date    7:00  164.03  n/a
     [DT= 2.00]  SUM=  01:TRP2       49.31     5.190 No_date    7:00  165.42  n/a
007:1336---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:108          1.10      .122 No_date    7:00  164.75 .854
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=    .0]
007:1337---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:TRP2       49.31     5.190 No_date    7:00  165.42  n/a
                     + 02:108         1.10      .122 No_date    7:00  164.75  n/a
     [DT= 2.00]  SUM=  03:T108       50.41     5.312 No_date    7:00  165.41  n/a
007:1338---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:T108       50.41     5.312 No_date    7:00  165.41  n/a
 *   {RDT= 2.00} out<- 04:Pipe48      50.41     5.317 No_date    7:00  165.41  n/a
     [L/S/n=   60./ .580/.013]
     {Vmax= 3.460:Dmax= 1.225}
     [Din= 1.20:Dused= 1.49}
007:1339---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:Pipe48     50.41     5.317 No_date    7:00  165.41  n/a
 *   {RDT= 2.00} out<- 05:Pipe49      50.41     5.313 No_date    7:00  165.41  n/a
     {L/S/n=   59./ .630/.013]
     {Vmax= 3.570:Dmax= 1.206}
     {Din= 1.20:Dused= 1.47}
007:1340---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:ANDPET      7.70      .720 No_date    7:00  149.91 .777
     {XIMP=.50:TIMP=.50]
     {LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.300:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 100.:MNI=.013:SCI=    .0]
007:1341---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:ANDPET      7.70      .720 No_date    7:00  149.91  n/a
     {RDT= 2.00} out<- 07:ANDPND      7.70      .576 No_date    7:02  149.91  n/a
    {MxStoUsed=.8824E-01}
007:1342---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:ANDPND     7.70      .576 No_date    7:02  149.91  n/a
 *   {RDT= 2.00} out<- 08:Pipe50      7.70      .578 No_date    7:04  149.91  n/a
     [L/S/n=   59./ .200/.013]
     {Vmax= 1.332:Dmax=  .650}
     [Din=  .75:Dused=  .79)
007:1343---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe49      50.41     5.313 No_date    7:00  165.41  n/a
                     + 08:Pipe50       7.70      .578 No_date    7:04  149.91  n/a
     [DT= 2.00]  SUM=  09:TOTAND     58.11     5.883 No_date    7:00  163.35  n/a
007:1344---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:RETRES       .90      .093 No_date    7:00  160.60 .832
     {XIMP=.63:TIMP=.63]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  20.:MNP=.300:SCP=    .0]
```



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     [Impervious   area: IAimp=2.00:SLPI= .50:LGI=  65.:MNI=.013:SCI=    .0]
007:1345---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:RETRES       .90      .093 No_date    7:00  160.60  n/a
     {RDT= 2.00} out<- 02:POND3        .90      .093 No_date    7:00  160.59  n/a
    {MxStoUsed=.9117E-02}
007:1346---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TOTAND     58.11     5.883 No_date    7:00  163.35  n/a
                     + 02:POND3        .90      .093 No_date    7:00  160.59  n/a
     {DT= 2.00}  SUM=  05:TOT16      59.01     5.976 No_date    7:00  163.31  n/a
007:1347---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:WLMRT      20.72     2.211 No_date    7:00  170.27 .882
     {XIMP=.65:TIMP=.65]
     {LOSS= 2 :CN= 76.0}
     [Pervious     area: IAper=5.00:SLPP=4.20:LGP= 130.:MNP=.250:SCP=    .0[
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 371.:MNI=.013:SCI=    .0]
007:1348---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:WEXT        1.58      .157 No_date    7:00  135.94 .704
     {CN= 78.0: N= 3.00}
     [Tp=  .11:DT= 2.00]
007:1349---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:WLMRT      20.72     2.211 No_date    7:00  170.27  n/a
                     + 07:WEXT        1.58      .157 No_date    7:00  135.94  n/a
     [DT= 2.00]  SUM=  08:TWLMRT     22.30     2.369 No_date    7:00  167.84  n/a
007:1350---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 08:TWLMRT      22.30     2.369 No_date    7:00  167.84  n/a
     {RDT= 2.00} out<- 09:WMRTPD      22.30     1.551 No_date    7:18  167.84  n/a
    {MxStoUsed=.6768E+00}
007:1351---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 09:WMRTPD     22.30     1.551 No_date    7:18  167.84  n/a
     {RDT= 2.00} out<- 01:16thST      22.30     1.550 No_date    7:18  167.84  n/a
     [L/S/n=  180./ .580/.013]
     {Vmax= 2.633:Dmax=  .676}
     [Din= 1.05:Dused= 1.05)
007:1352---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CDNT        3.62      .428 No_date    7:00  188.04 .974
     {XIMP=.95:TIMP=.95}
     [LOSS= 2 :CN= 76.0}
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  33.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.30:LGI= 273.:MNI=.013:SCI=    .0]
007:1353---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:TOT16      59.01     5.976 No_date    7:00  163.31  n/a
                     + 01:16thST      22.30     1.550 No_date    7:18  167.84  n/a
     [DT= 2.00]  SUM=  04:TN1        81.31     7.413 No_date    7:02  164.55  n/a
007:1354---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:CDNT        3.62      .428 No_date    7:00  188.04  n/a
                     + 04:TN1        81.31     7.413 No_date    7:02  164.55  n/a
     [DT= 2.00]  SUM=  03:TND1       84.93     7.838 No_date    7:00  165.55  n/a
007:1355---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:TND1       84.93     7.838 No_date    7:00  165.55  n/a
     {RDT= 2.00} out<- 04:ND1ND2      84.93     7.832 No_date    7:00  165.55  n/a
     {L/S/n=  150./ .730/.013]
     {Vmax= 4.082:Dmax=  .994}
     {HGTH= 1.22:WDTH= 1.93}
007:1356---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA2COM      4.44      .520 No_date    7:00  185.08 .959
     {XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=6.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=3.40:LGI= 149.:MNI=.013:SCI=    .0]
007:1357---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 05:CA2COM      4.44      .520 No_date    7:00  185.08  n/a
     [LAG=  5.7 min]<- 06:SH2a         4.44      .520 No_date    7:04  185.08  n/a
007:1358---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA3a        5.11      .567 No_date    7:00  169.54 .878
     {XIMP=.55:TIMP=.66}
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=7.10:LGP=  28.:MNP=.250:SCP=    .0]
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     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 248.:MNI=.013:SCI=   .0]
007:1359--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:CA3a       5.11     .567 No_date    7:00  169.54  n/a
     [LAG=  2.5 min]<- 08:SH3a       5.11     .567 No_date    7:02  169.54  n/a
007:1360--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA3b       2.82     .323 No_date    7:00  179.75 .931
     [XIMP=.81:TIMP=.81]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  40.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .80:LGI= 118.:MNI=.013:SCI=   .0]
007:1361--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:ANDCOM     1.10     .130 No_date    7:00  188.04 .974
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  10.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 115.:MNI=.013:SCI=   .0]
007:1362--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:ANDCOM     1.10     .130 No_date    7:00  188.04  n/a
     [RDT= 2.00] out<- 02:ACPND      1.10     .130 No_date    7:00  188.04  n/a
     {MxStoUsed=.7795E-02}
007:1363--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:ND1ND2    84.93    7.832 No_date    7:00  165.55  n/a
                     + 06:SH2a       4.44     .520 No_date    7:04  185.08  n/a
     [DT= 2.00]  SUM=  03:T2a       89.37    8.352 No_date    7:00  166.52  n/a
007:1364--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T2a       89.37    8.352 No_date    7:00  166.52  n/a
                     + 08:SH3a       5.11     .567 No_date    7:02  169.54  n/a
     [DT= 2.00]  SUM=  04:T2b       94.48    8.918 No_date    7:00  166.69  n/a
007:1365--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:T2b       94.48    8.918 No_date    7:00  166.69  n/a
                     + 02:ACPND      1.10     .130 No_date    7:00  188.04  n/a
     [DT= 2.00]  SUM=  05:T2c       95.58    9.048 No_date    7:00  166.93  n/a
007:1366--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T2c       95.58    9.048 No_date    7:00  166.93  n/a
                     + 09:CA3b       2.82     .323 No_date    7:00  179.75  n/a
     [DT= 2.00]  SUM=  03:TND2      98.40    9.371 No_date    7:00  167.30  n/a
007:1367--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    03:TND2      98.40    9.371 No_date    7:00  167.30  n/a
       Major System /  04:CHAN      29.52    6.351 No_date    7:00  167.30  n/a
       Minor System \  05:PIPE      68.88    3.020 No_date    5:44  167.30  n/a
007:1368--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:PIPE      68.88    3.020 No_date    6:30  167.30  n/a
     [RDT= 2.00] out<- 06:N3N4P     68.88    3.020 No_date    6:30  167.30  n/a
     [L/S/n=  640./ .600/.013]
     {Vmax= 3.043:Dmax=  .985}
     [Din= 1.20:Dused= 1.20]
007:1369--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:CHAN      29.52    6.351 No_date    7:00  167.30  n/a
 *   [RDT= 2.00] out<- 07:N2N3C     29.52    6.324 No_date    7:02  167.30  n/a
     [L/S/n=  240./ .650/.035]
     {Vmax= 1.588:Dmax=  .756}
007:1370--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA1COM     5.30     .620 No_date    7:00  185.08 .959
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI= 146.:MNI=.013:SCI=   .0]
007:1371--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA1IND    10.99    1.244 No_date    7:00  176.19 .913
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.10:LGI= 234.:MNI=.013:SCI=   .0]
007:1372--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:CA1COM     5.30     .620 No_date    7:00  185.08  n/a
                     + 05:CA1IND    10.99    1.244 No_date    7:00  176.19  n/a
     [DT= 2.00]  SUM=  08:TOT1      16.29    1.864 No_date    7:00  179.08  n/a
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007:1373--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:TOT1      16.29    1.864 No_date    7:00  179.08  n/a
     [LAG= 34.4 min]<- 09:SH1       16.29    1.864 No_date    7:34  179.08  n/a
007:1374--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:N2N3C     29.52    6.324 No_date    7:02  167.30  n/a
                     + 09:SH1       16.29    1.864 No_date    7:34  179.08  n/a
     [DT= 2.00]  SUM=  02:T3a       45.81    8.139 No_date    7:02  171.49  n/a
007:1375--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA2IND     5.15     .583 No_date    7:00  176.19 .913
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.20:LGI= 227.:MNI=.013:SCI=   .0]
007:1376--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA2IND     5.15     .583 No_date    7:00  176.19  n/a
     [LAG= 37.7 min]<- 03:SH2b       5.15     .583 No_date    7:36  176.19  n/a
007:1377--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA4b      14.53    1.412 No_date    7:02  155.58 .806
     [XIMP=.25:TIMP=.44]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  73.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .30:LGI= 466.:MNI=.013:SCI=   .0]
007:1378--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T3a       45.81    8.139 No_date    7:02  171.49  n/a
                     + 03:SH2b       5.15     .583 No_date    7:36  176.19  n/a
     [DT= 2.00]  SUM=  01:T3a       50.96    8.700 No_date    7:02  171.97  n/a
007:1379--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:T3a       50.96    8.700 No_date    7:02  171.97  n/a
                     + 04:CA4b      14.53    1.412 No_date    7:02  155.58  n/a
     [DT= 2.00]  SUM=  03:T3b       65.49   10.113 No_date    7:02  168.33  n/a
007:1380--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:MALL      13.24    1.504 No_date    7:00  183.34 .950
     [XIMP=.63:TIMP=.89]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.30:LGP= 120.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .20:LGI= 293.:MNI=.013:SCI=   .0]
007:1381--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:MALL      13.24    1.504 No_date    7:00  183.34  n/a
       Major System /  02:CHAN       1.40     .717 No_date    7:00  183.34  n/a
       Minor System \  04:PIPE      11.84     .787 No_date    6:08  183.34  n/a
007:1382--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T3b       65.49   10.113 No_date    7:02  168.33  n/a
                     + 02:CHAN       1.40     .717 No_date    7:00  183.34  n/a
     [DT= 2.00]  SUM=  05:TND3      66.89   10.823 No_date    7:02  168.64  n/a
007:1383--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND3      66.89   10.823 No_date    7:02  168.64  n/a
 *   [RDT= 2.00] out<- 07:ND3ND4    66.89   10.759 No_date    7:04  168.65  n/a
     [L/S/n=  390./ .650/.035]
     {Vmax= 1.836:Dmax=  .986}
007:1384--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA5       15.85    1.477 No_date    7:00  148.58 .770
     [XIMP=.32:TIMP=.47]
     [LOSS= 2 :CN= 69.0]
     [Pervious     area: IAper=5.00:SLPP=1.50:LGP= 103.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.40:LGI= 289.:MNI=.013:SCI=   .0]
007:1385--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA5       15.85    1.477 No_date    7:00  148.58  n/a
     [LAG=  5.9 min]<- 09:SH5       15.85    1.477 No_date    7:04  148.58  n/a
007:1386--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:CA6b      32.10    2.750 No_date    7:04  153.08 .793
     [XIMP=.20:TIMP=.40]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP= .70:LGP= 135.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 539.:MNI=.013:SCI=   .0]
007:1387--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA6b      32.10    2.750 No_date    7:04  153.08  n/a
                     + 09:SH5       15.85    1.477 No_date    7:04  148.58  n/a
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     [DT= 2.00]  SUM=  02:T56ND3    47.95    4.227 No_date    7:04  151.59  n/a
007:1388--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA7         2.90     .236 No_date    7:00  135.10 .700
     [XIMP=.33:TIMP=.38]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper=6.50:SLPP= .60:LGP=  82.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 130.:MNI=.013:SCI=    .0]
007:1389--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:CA7         2.90     .236 No_date    7:00  135.10  n/a
     [LAG=  6.6 min)<- 01:SH7         2.90     .236 No_date    7:06  135.10  n/a
007:1390--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA8         8.01     .926 No_date    7:00  180.47 .935
     [XIMP=.73:TIMP=.84]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  60.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI=  95.:MNI=.013:SCI=    .0]
007:1391--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:CA8         8.01     .926 No_date    7:00  180.47  n/a
     [LAG= 21.3 min]<- 08:SH8         8.01     .926 No_date    7:20  180.47  n/a
007:1392--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA11        4.18     .412 No_date    7:00  151.99 .788
     [XIMP=.28:TIMP=.36]
     [LOSS= 2 :CN= 76.0[
     ]Pervious     area: IAper=5.00:SLPP=3.00:LGP=  82.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 270.:MNI=.013:SCI=    .0]
007:1393--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:SH7         2.90     .236 No_date    7:06  135.10  n/a
                     + 08:SH8         8.01     .926 No_date    7:20  180.47  n/a
     [DT= 2.00]  SUM=  05:T7811a     10.91    1.152 No_date    7:06  168.41  n/a
007:1394--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T7811a     10.91    1.152 No_date    7:06  168.41  n/a
                     + 09:CA11        4.18     .412 No_date    7:00  151.99  n/a
     [DT= 2.00]  SUM=  03:T7811b     15.09    1.554 No_date    7:02  163.86  n/a
007:1395--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T7811b     15.09    1.554 No_date    7:02  163.86  n/a
                     + 02:T56ND3     47.95    4.227 No_date    7:04  151.59  n/a
     [DT= 2.00[  SUM=  05:T7811     63.04    5.779 No_date    7:04  154.53  n/a
007:1396--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:ND3ND4     66.89   10.759 No_date    7:04  168.65  n/a
                     + 05:T7811      63.04    5.779 No_date    7:04  154.53  n/a
     [DT= 2.00]  SUM=  02:T56781    129.93   16.538 No_date    7:04  161.80  n/a
007:1397--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA3c        1.14     .121 No_date    7:00  160.68 .833
     [XIMP=.45:TIMP=.50]
     [LOSS= 2 :CN= 76.0[
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.250:SCP=    .0]
     ]Impervious   area: IAimp=2.00:SLPI=2.50:LGI=  80.:MNI=.013:SCI=    .0]
007:1398--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:CA3c        1.14     .121 No_date    7:00  160.68  n/a
     [RDT= 2.00] out<- 05:3cPIPE      1.14     .121 No_date    7:00  160.68  n/a
     [L/S/n=  240./ .200/.013]
     {Vmax=  .941:Dmax=  .279}
     [Din=  .60:Dused=  .60}
007:1399--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA4a        1.86     .214 No_date    7:00  178.52 .925
     [XIMP=.75:TIMP=.80]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  24.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  69.:MNI=.013:SCI=    .0]
007:1400--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:PIPE       11.84     .787 No_date    6:08  183.34  n/a
                     + 03:CA4a        1.86     .214 No_date    7:00  178.52  n/a
     [DT= 2.00]  SUM=  08:TMLL4a     13.70    1.001 No_date    7:00  182.69  n/a
007:1401--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TMLL4a     13.70    1.001 No_date    7:00  182.69  n/a
                     + 05:3cPIPE      1.14     .121 No_date    7:00  160.68  n/a
     [DT= 2.00]  SUM=  07:TMLL3c     14.84    1.122 No_date    7:00  181.01  n/a
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007:1402--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:TMLL3c     14.84    1.122 No_date    7:00  181.01  n/a
     [RDT= 2.00] out<- 09:ML3CN4     14.84    1.121 No_date    7:00  181.01  n/a
     [L/S/n=  405./ .600/.013]
     {Vmax= 2.114:Dmax=  .273}
     {HGTH= 1.22:WDTH= 1.93}
007:1403--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA6IND      3.04     .344 No_date    7:00  176.19 .913
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  87.:MNI=.013:SCI=    .0]
007:1404--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:CA6IND      3.04     .344 No_date    7:00  176.19  n/a
                     + 09:ML3CN4     14.84    1.121 No_date    7:00  181.01  n/a
     [DT= 2.00]  SUM=  01:ML436a     17.88    1.464 No_date    7:00  180.19  n/a
007:1405--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T56781    129.93   16.538 No_date    7:04  161.80  n/a
                     + 01:ML436a     17.88    1.464 No_date    7:00  180.19  n/a
     [DT= 2.00]  SUM=  03:ML436b    147.81   17.930 No_date    7:02  164.02  n/a
007:1406--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:N3N4P      68.88    3.020 No_date    6:30  167.30  n/a
                     + 03:ML436b    147.81   17.930 No_date    7:02  164.02  n/a
     [DT= 2.00]  SUM=  04:TND4      216.69   20.950 No_date    7:02  165.06  n/a
007:1407--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:TND4      216.69   20.950 No_date    7:02  165.06  n/a
     {RDT= 2.00} out<- 02:ND4ND5    216.69   20.797 No_date    7:06  165.06  n/a
     {L/S/n=  697./ .650/.035}
     {Vmax= 2.778:Dmax= 2.330}
007:1408--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:MLLRE       1.26     .143 No_date    7:00  174.14 .902
     {XIMP=.60:TIMP=.74}
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.90:LGP=  26.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  73.:MNI=.013:SCI=    .0]
007:1409--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:MLLRE       1.26     .143 No_date    7:00  174.14  n/a
     [RDT= 2.00] out<- 04:MLLRCE      1.26     .106 No_date    7:06  174.14  n/a
     {MxStoUsed=.2143E-01}
007:1410--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 04:MLLRCE      1.26     .106 No_date    7:06  174.14  n/a
     [LAG= 18.8 min]<- 05:SHMLRE      1.26     .106 No_date    7:24  174.14  n/a
007:1411--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:MLLRW       1.73     .203 No_date    7:00  184.36 .955
     [XIMP=.82:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.35:LGP=  37.:MNP=.250:SCP=    .0]
     ]Impervious   area: IAimp=2.00:SLPI= .42:LGI= 120.:MNI=.013:SCI=    .0]
007:1412--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:MLLRW       1.73     .203 No_date    7:00  184.36  n/a
     [RDT= 2.00] out<- 07:MLLRCW      1.73     .185 No_date    7:04  184.36  n/a
     {MxStoUsed=.2358E-01}
007:1413--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:MLLRCW      1.73     .185 No_date    7:04  184.36  n/a
     ]LAG= 13.4 min)<- 08:SHMLRW      1.73     .185 No_date    7:16  184.36  n/a
007:1414--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA9         7.85     .774 No_date    7:00  155.85 .808
     [XIMP=.42:TIMP=.43]
     ]LOSS= 2 :CN= 75.0]
     [Pervious     area: IAper=5.00:SLPP=1.60:LGP=  96.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.70:LGI= 207.:MNI=.013:SCI=    .0]
007:1415--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TOTMLR      1.73     .185 No_date    7:16  184.36  n/a
                     + 05:SHMLRE      1.26     .106 No_date    7:24  174.14  n/a
     [DT= 2.00]  SUM=  08:TOTMLR      2.99     .288 No_date    7:18  180.05  n/a
007:1416--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:CA9         7.85     .774 No_date    7:00  155.85  n/a
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                +  08:TOTMLR      2.99      .288 No_date    7:18  180.05  n/a
    [DT= 2.00]  SUM=  03:T9MLR     10.84    1.041 No_date    7:00  162.53  n/a
007:1417--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:T9MLR     10.84    1.041 No_date    7:00  162.53  n/a
     [LAG= 19.3 min]<- 04:CA9       10.84    1.041 No_date    7:18  162.53  n/a
007:1418--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA10IN    17.87    2.005 No_date    7:00  176.19 .913
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.20:LGI= 427.:MNI=.013:SCI=   .0]
007:1419--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA13       7.15     .686 No_date    7:00  158.97 .824
     [XIMP=.44:TIMP=.54]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  80.:MNI=.013:SCI=   .0]
007:1420--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA14       7.52     .651 No_date    7:00  147.43 .764
     [XIMP=.32:TIMP=.35]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 111.:MNI=.013:SCI=   .0]
007:1421--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:CA10IN    17.87    2.005 No_date    7:00  176.19  n/a
                    +  06:CA13       7.15     .686 No_date    7:00  158.97  n/a
     [DT= 2.00]  SUM=  08:T1013     25.02    2.691 No_date    7:00  171.27  n/a
007:1422--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:T1013     25.02    2.691 No_date    7:00  171.27  n/a
                    +  04:CA9       10.84    1.041 No_date    7:18  162.53  n/a
     [DT= 2.00]  SUM=  03:T14       35.86    3.644 No_date    7:00  168.63  n/a
007:1423--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T14       35.86    3.644 No_date    7:00  168.63  n/a
                    +  07:CA14       7.52     .651 No_date    7:00  147.43  n/a
     [DT= 2.00]  SUM=  04:T91013    43.38    4.295 No_date    7:00  164.96  n/a
007:1424--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:ND4ND5   216.69   20.797 No_date    7:06  165.06  n/a
                    +  04:T91013    43.38    4.295 No_date    7:00  164.96  n/a
     [DT= 2.00]  SUM=  07:TND5     260.07   24.918 No_date    7:02  165.05  n/a
007:1425--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 07:TND5     260.07   24.918 No_date    7:02  165.05  n/a
     [RDT= 2.00] out<- 08:ND5ND6   260.07   24.797 No_date    7:04  165.05  n/a
     [L/S/n=  578./1.640/.035]
     [Vmax= 2.551:Dmax= 2.119]
007:1426--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       09:15WHZ      1.38     .124 No_date    7:02  124.80 .647
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
007:1427--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:15WRE     12.42    1.356 No_date    7:00  161.77 .838
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 221.:MNI=.013:SCI=   .0]
007:1428--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:15WRE     12.42    1.356 No_date    7:00  161.77  n/a
                    +  09:15WHZ      1.38     .124 No_date    7:02  124.80  n/a
     [DT= 2.00]  SUM=  03:T15W      13.80    1.480 No_date    7:00  158.07  n/a
007:1429--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       04:15EHZ      3.15     .284 No_date    7:02  124.80 .647
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
007:1430--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:15EIND     4.89     .549 No_date    7:00  176.19 .913
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
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     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 500.:MNI=.013:SCI=   .0]
007:1431--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:15EHZ      3.15     .284 No_date    7:02  124.80  n/a
                    +  06:15EIND     4.89     .549 No_date    7:00  176.19  n/a
     [DT= 2.00]  SUM=  07:T15E      8.04     .832 No_date    7:00  156.06  n/a
007:1432--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:T15E       8.04     .832 No_date    7:00  156.06  n/a
                    +  03:T15W      13.80    1.480 No_date    7:00  158.07  n/a
     [DT= 2.00]  SUM=  09:T15EW     21.84    2.312 No_date    7:00  157.33  n/a
007:1433--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:UNGAS       .99     .098 No_date    7:00  141.46 .733
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  15.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.20:LGI=  90.:MNI=.013:SCI=   .0]
007:1434--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:UNGAS       .99     .098 No_date    7:00  141.46  n/a
     [RDT= 2.00] out<- 02:UNGPND      .99     .050 No_date    9:04  141.45  n/a
     [MxStoUsed=.3454E-01]
007:1435--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 02:UNGPND      .99     .050 No_date    9:04  141.45  n/a
     [LAG= 16.3 min]<- 03:SHUNGS      .99     .050 No_date    9:20  141.45  n/a
007:1436--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:T15EW     21.84    2.312 No_date    7:00  157.33  n/a
                    +  03:SHUNGS      .99     .050 No_date    9:20  141.45  n/a
     [DT= 2.00]  SUM=  04:T15       22.83    2.350 No_date    7:00  156.64  n/a
007:1437--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA16I      26.59    2.970 No_date    7:00  176.19 .913
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 551.:MNI=.013:SCI=   .0]
007:1438--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:CA16I      26.59    2.970 No_date    7:00  176.19  n/a
                    +  04:T15       22.83    2.350 No_date    7:00  156.64  n/a
     [DT= 2.00]  SUM=  09:T1516     49.42    5.320 No_date    7:00  167.16  n/a
007:1439--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:ND5ND6   260.07   24.797 No_date    7:04  165.05  n/a
                    +  09:T1516     49.42    5.320 No_date    7:00  167.16  n/a
     [DT= 2.00]  SUM=  03:TND6     309.49   29.962 No_date    7:02  165.38  n/a
007:1440--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 03:TND6     309.49   29.962 No_date    7:02  165.38  n/a
     [RDT= 2.00] out<- 02:ND6ND8   309.49   29.862 No_date    7:04  165.38  n/a
     [L/S/n=  503./1.290/.035]
     [Vmax= 3.327:Dmax= 1.936]
007:1441--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA17RW      6.93     .757 No_date    7:00  161.77 .838
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.80:LGI= 263.:MNI=.013:SCI=   .0]
007:1442--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:17WOS      2.11     .210 No_date    7:00  135.53 .702
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
007:1443--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:CA17RW      6.93     .757 No_date    7:00  161.77  n/a
                    +  05:17WOS      2.11     .210 No_date    7:00  135.53  n/a
     [DT= 2.00]  SUM=  04:T17        9.04     .967 No_date    7:00  155.64  n/a
007:1444--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA17RE      3.51     .383 No_date    7:00  161.77 .838
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.40:LGI= 246.:MNI=.013:SCI=   .0]
007:1445--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       08:17EOS      6.57     .653 No_date    7:00  135.53 .702
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     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
 007:1446---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             08:17EOS      6.57     .653 No_date    7:00  135.53  n/a
                       + 06:CA17RE     3.51     .383 No_date    7:00  161.77  n/a
      [DT= 2.00]  SUM=  01:T17       10.08    1.036 No_date    7:00  144.67  n/a
 007:1447---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             01:T17       10.08    1.036 No_date    7:00  144.67  n/a
                       + 04:T17        9.04     .967 No_date    7:00  155.64  n/a
      [DT= 2.00]  SUM=  09:T17RES     19.12    2.003 No_date    7:00  149.86  n/a
 007:1448---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             02:ND6ND8   309.49   29.862 No_date    7:04  165.38  n/a
                       + 09:T17RES     19.12    2.003 No_date    7:00  149.86  n/a
      [DT= 2.00]  SUM=  05:TND8      328.61   31.758 No_date    7:02  164.48  n/a
 007:1449---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL    -> 05:TND8      328.61   31.758 No_date    7:02  164.48  n/a
      [RDT= 2.00] out<- 06:ND8ND9    328.61   31.675 No_date    7:04  164.48  n/a
      [L/S/n=  405./1.480/.045]
      {Vmax= 2.734:Dmax= 1.575}
 007:1450---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD        07:CA18      12.02    1.074 No_date    7:06  133.26 .690
      [CN= 78.0: N= 3.00]
      [Tp=  .41:DT= 2.00]
 007:1451---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             07:CA18      12.02    1.074 No_date    7:06  133.26  n/a
                       + 06:ND8ND9    328.61   31.675 No_date    7:04  164.48  n/a
      [DT= 2.00]  SUM=  08:TND9      340.63   32.745 No_date    7:04  163.38  n/a
 007:1452---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL    -> 08:TND9      340.63   32.745 No_date    7:04  163.38  n/a
      [RDT= 2.00] out<- 09:ND9ND1    340.63   32.672 No_date    7:06  163.38  n/a
      [L/S/n=  505./1.900/.045]
      {Vmax= 2.913:Dmax= 1.220}
 007:1453---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD        01:CA19       1.18     .109 No_date    7:00  124.80 .647
      [CN= 74.0: N= 3.00]
      [Tp=  .17:DT= 2.00]
 007:1454---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD      02:CA20IN     7.54     .849 No_date    7:00  176.19 .913
      [XIMP=.75:TIMP=.75]
      [LOSS= 2 :CN= 76.0]
      [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
      [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 194.:MNI=.013:SCI=   .0]
 007:1455---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             01:CA19       1.18     .109 No_date    7:00  124.80  n/a
                       + 02:CA20IN     7.54     .849 No_date    7:00  176.19  n/a
      [DT= 2.00]  SUM=  03:T1920      8.72     .958 No_date    7:00  169.24  n/a
 007:1456---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             03:T1920      8.72     .958 No_date    7:00  169.24  n/a
                       + 09:ND9ND1    340.63   32.672 No_date    7:06  163.38  n/a
      [DT= 2.00]  SUM=  04:TND10     349.35   33.468 No_date    7:06  163.52  n/a
 007:1463---------------------------------------------------------------------------
     FINISH
-------------------------------------------------------------------------------
*******************************************************************************
     WARNINGS / ERRORS / NOTES
     -------------------------
 0005 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0007 CALIB STANDHYD
      *** WARNING: Storage Coefficient is smaller than DT!
                   Use a smaller DT or a larger area.
      *** WARNING: For areas with impervious ratios below
                   20%, this routine may not be applicable.
 0008 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
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 0011 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0014 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0016 CALIB STANDHYD
      *** WARNING: Storage Coefficient is smaller than DT!
                   Use a smaller DT or a larger area.
 0017 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0020 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0023 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0026 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0029 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0030 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0032 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0033 CALIB STANDHYD
      *** WARNING: Storage Coefficient is smaller than DT!
                   Use a smaller DT or a larger area.
 0034 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0036 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0037 CALIB STANDHYD
      *** WARNING: Storage Coefficient is smaller than DT!
                   Use a smaller DT or a larger area.
 0038 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0042 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0044 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0045 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0047 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0050 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0052 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0053 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 0056 ROUTE PIPE      ->
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     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0057 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0058 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0060 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0061 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0063 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0064 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0065 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0072 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0075 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0078 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0080 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0083 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0087 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0088 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0091 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0118 ROUTE CHANNEL   ->
     *** WARNING: Inflow hydrograph is dry!  Routing aborted!
0211 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0213 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0214 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0216 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0217 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
```



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                  Routing DT set to inflow hydrograph DT.
0219 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0220 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0222 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0223 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0226 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0228 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0229 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0231 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0232 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0235 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0236 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0238 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0239 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0240 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0242 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0243 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0244 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0248 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0250 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0251 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0253 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0256 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
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0258 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0259 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0262 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0263 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0264 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0266 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0267 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0269 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0270 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0271 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0278 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0281 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0284 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0286 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0289 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0293 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0294 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0297 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0300 ROUTE RESERVOIR
     *** WARNING: Inflow peak was not reduced!
                  Check OUTFLOW/STORAGE table or reduce DT.
0418 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0420 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
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0421 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0423 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0424 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0426 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0427 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0429 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0430 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0433 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0435 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0436 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0438 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0439 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0442 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0443 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0445 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0446 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0447 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0449 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0450 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0451 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0455 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0457 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0458 ROUTE PIPE      ->
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     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0460 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0463 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0465 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0466 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0469 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0470 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0471 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0473 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0474 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0476 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0477 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0478 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0484 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0485 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0486 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0488 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0489 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0491 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0493 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0494 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0496 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
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0498 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0500 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0501 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0504 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0507 ROUTE RESERVOIR
     *** WARNING: Inflow peak was not reduced!
                  Check OUTFLOW/STORAGE table or reduce DT.
0626 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0628 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0629 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0631 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0632 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0634 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0635 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0637 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0638 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0640 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0641 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0643 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0644 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0646 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0647 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0650 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0651 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
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                  Routing DT set to inflow hydrograph DT.
0653 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0654 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0655 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0657 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0658 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0659 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0663 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0665 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0666 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0668 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0671 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0673 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0674 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0677 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0678 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0679 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0681 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0682 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0684 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0685 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0686 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
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0688 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0692 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0693 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0694 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0696 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0697 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0699 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0701 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0702 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0704 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0706 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0708 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0709 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0712 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0835 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0837 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0838 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0840 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0841 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0843 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0844 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0846 CALIB STANDHYD
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     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0847 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0849 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0850 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0852 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0853 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0855 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0856 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0859 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0860 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0862 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0863 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0864 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0866 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0867 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0868 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0872 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0874 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0875 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0877 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0880 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0882 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0883 ROUTE PIPE      ->
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     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0886 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0887 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0888 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0890 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0891 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0893 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0894 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0895 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0897 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0901 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0902 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0903 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0905 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0906 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0908 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0910 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0911 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0913 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0915 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0917 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0918 ROUTE PIPE      ->
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     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0921 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0976 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1045 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1047 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
1048 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1050 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1051 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1053 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1054 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1056 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1057 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1059 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1060 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1062 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1063 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1065 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1066 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1069 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1070 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1072 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1073 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
```



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                  Use a smaller DT or a larger area.
1074 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1076 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1077 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1078 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1082 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1084 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1085 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1087 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1090 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1092 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1093 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1096 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1097 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1098 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
1100 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1101 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1103 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1104 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
```

```
1105 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1107 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1111 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1112 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1113 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1115 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1116 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1118 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1120 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1121 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1123 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1125 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1127 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1128 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1131 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1186 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1256 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1258 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
1259 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1262 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1264 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
```



```
1265 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1267 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1268 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1271 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1273 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1274 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1276 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1277 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1280 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1281 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1283 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1284 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1285 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1287 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1288 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1289 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1293 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1295 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1296 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1298 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1301 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1303 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
```

```
 1304 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 1307 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 1308 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 1309 CALIB STANDHYD
      *** WARNING: Storage Coefficient is smaller than DT!
                   Use a smaller DT or a larger area.
      *** WARNING: For areas with impervious ratios below
                   20%, this routine may not be applicable.
 1311 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 1312 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 1314 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 1315 CALIB STANDHYD
      *** WARNING: Storage Coefficient is smaller than DT!
                   Use a smaller DT or a larger area.
 1316 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 1323 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 1326 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 1329 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 1331 ROUTE PIPE      ->
      *** WARNING: New pipe size used for routing.
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 1334 ROUTE PIPE      ->
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 1338 ROUTE PIPE      ->
      *** WARNING: New pipe size used for routing.
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 1339 ROUTE PIPE      ->
      *** WARNING: New pipe size used for routing.
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
 1342 ROUTE PIPE      ->
      *** WARNING: New pipe size used for routing.
      *** WARNING: Requested routing DT > than inflow DT.
                   Routing DT set to inflow hydrograph DT.
   Simulation ended on 2007-06-12     at 16:21:00
================================================================================
```

```
2     Metric units
*#*************************************************************************
*#  Project Name: [Owen Sound Drainage Study]    Project Number: [MCG 10665]
*#  Date        : 04-12-2007
*#  Modeller    : [T.Lozon]
*#  Company     : R.J. Burnside and Associates
*#  License #   :  3846413
*****************************************************************
*%
*%
*% POST-DEVELOPMENT CONDITION- KENNY DRAIN
*%
*% WITH PONDS
*%
*% THE GAMBSY AND MANNEROW LIMTED SURFACE WATER MANAGEMENT REPORT FOR THE
*% ANDPET SUBDIVISION, 16TH AVENUE EAST, DATED JANUARY 2006, HAS BEEN REFERENCED
*% AND CONVERTED FROM MIDUSS TO SWMHYMO FOR USE IN THIS MODEL.
*% THE GAMBSY AND MANNEROW LIMTED MIDUSS STORMWATER MANAGEMENT MODEL HAS
*% CALCULATED FLOWS FROM 8TH STREET EAST TO 16TH STREET EAST ON 16TH AVENUE EAST.
*%
*%
*% 2-year SCS Type-II Storm Distribution for Owen Sound, ON. (6-hour)
START               TZERO=[0.0],  METOUT=[2],  NSTORM=[1],  NRUN=[1]
*%                   ["2SCS6.stm"] <--storm filename
*%-----------------|-------------------------------------------------------|
READ STORM          STORM_FILENAME=["STORM.001"]
*%-----------------|-------------------------------------------------------|
*%
*%
*% START OF SYDENHAM SCHOOL STORM SEWER SYSTEM (C-3119)
*%
*% THE CALIB STANDHYD ILLUSTRATED BELOW DESCRIBES POST DEVELOPMENT CATCHMENT
*% AREA FOR SYDENHAM SCHOOL. THE FLOW CALCULATED IN THIS MODEL HAS BEEN
*% VERIFIED WITH THE MIDUSS MODEL CALCULATED BY GAMBSY AND MANNEROW LIMITED AND
*% ALSO BY SYDNEHAM SCHOOL SWMHYMO MODEL.
*%
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[4], NHYD=["TRA7"], DT=[2](min), AREA=[1.82](ha),
                    XIMP=[0.6], TIMP=[0.6], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[0.5](%),
                                         LGP=[70](m), MNP=[0.030], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[0.5](%),
                                         LGI=[170](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
*%
*% END OF SYDNEHAM SCHOOL STORM SEWER
*% START OF 8TH STREET EAST STORM SEWER, WEST OF 16th AVENUE (C-3666)
*%
*%
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[1], NHYD=]"A8"], DT=[2](min), AREA=[0.279](ha),
                    XIMP=[0.5], TIMP=[0.5], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                         LGP=[82](m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                         LGI=[82](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[2], NHYD=["Pipe16"], RNUMBER=[16],
                    PDIAM=[525](mm), PLNGTH=[15](m),
                    PROUGH=[0.013], PSLOPE=[0.02](m/m), IDin=[1],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE POST DEVELOPMENT ROUTED FROM A8
```



```
*% TO THE TOTAL ROUTED POST DEVELOPEMENT FLOW FROM TRA7
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[3], NHYD=["TRA8"], IDs to add=[2+4]
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[4], NHYD=["A9"], DT=[2](min), AREA=[0.284](ha),
                    XIMP=[0.1], TIMP=[0.1], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[4.1](%),
                                         LGP=[100](m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[4.1](%),
                                         LGI=[35](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[5], NHYD=["Pipe17"], RNUMBER=[17],
                    PDIAM=[525](mm), PLNGTH=[29](m),
                    PROUGH=[0.013], PSLOPE=[0.02](m/m), IDin=[4],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT FLOW FROM
*% A8 TO THE ROUTED POST DEVELOPEMENT FLOW FROM A9
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[6], NHYD=["TRA9"], IDs to add=[5+3]
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[7], NHYD=["A10"], DT=[2](min), AREA=[0.591](ha),
                    XIMP=[0.5], TIMP=[0.5], DWF=[0](cms), LOSS=]2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[3.6](%),
                                         LGP=[150](m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[3.6](%),
                                         LGI=[73](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[8], NHYD=["Pipe18"], RNUMBER=[18],
                    PDIAM=[525](mm), PLNGTH=[60](m),
                    PROUGH=[0.013], PSLOPE=[0.02](m/m), IDin=[7],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT FLOW FROM
*% A9 TO THE ROUTED POST DEVELOPEMENT FLOW FROM A10
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[9], NHYD=["TRA10"], IDs to add=[8+6]
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[1], NHYD=["A11"], DT=[2](min), AREA=[0.825](ha),
                    XIMP=[0.5], TIMP=[0.5], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[3.6](%),
                                         LGP=[150](m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[3.6](%),
                                         LGI=[67](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[2], NHYD=["Pipe19"], RNUMBER=[19],
                    PDIAM=[525](mm), PLNGTH=[59](m),
                    PROUGH=[0.013], PSLOPE=[0.02](m/m), IDin=[1],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT FLOW FROM
*% A10 TO THE ROUTED POST DEVELOPEMENT FLOW FROM A11
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[3], NHYD=["TRA11"], IDs to add=[9+2]
*%-----------------|-------------------------------------------------------
CALIB STANDHYD      ID=[4], NHYD=["A12"], DT=[2](min), AREA=[0.3](ha),
                    XIMP=[0.2], TIMP=[0.2], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[5.0](%),
                                         LGP=[150](m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[5.0](%),
```

```
                                LGI=[58](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%------------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[5], NHYD=["Pipe20"], RNUMBER=[20],
                    PDIAM=[525](mm), PLNGTH=[68.5](m),
                    PROUGH=[0.013[, PSLOPE=[0.02](m/m), IDin=[4],
                    RDT=[10](min)
*%------------------|-------------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT FLOW FROM
*% A11 TO THE ROUTED POST DEVELOPEMENT FLOW FROM A12
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[6], NHYD=["TRA12"], IDs to add=[5+3]
*%------------------|-------------------------------------------------
CALIB STANDHYD      ID=[7], NHYD=["A13"], DT=[2](min), AREA=[0.31](ha),
                    XIMP=[0.3], TIMP=[0.3], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                         LGP=[68](m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                         LGI=[68](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%------------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[8], NHYD=["Pipe21"], RNUMBER=[21],
                    PDIAM=[525](mm), PLNGTH=[52.5](m),
                    PROUGH=[0.013], PSLOPE=[0.019](m/m), IDin=[7],
                    RDT=[10](min)
*%------------------|-------------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT FLOW FROM
*% A12 TO THE ROUTED POST DEVELOPEMENT FLOW FROM A13
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[9], NHYD=["TRA13"], IDs to add=[8+6]
*%------------------|-------------------------------------------------
CALIB STANDHYD      ID=[1], NHYD=["A14"], DT=[2](min), AREA=[0.224](ha),
                    XIMP=[0.3], TIMP=[0.3], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                         LGP=[50](m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                         LGI=[50](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%------------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[2], NHYD=["Pipe22"], RNUMBER=[22],
                    PDIAM=[600](mm), PLNGTH=[52](m),
                    PROUGH=[0.013], PSLOPE=[0.0125](m/m), IDin=[1],
                    RDT=[10](min)
*%------------------|-------------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT FLOW FROM
*% A13 TO THE ROUTED POST DEVELOPEMENT FLOW FROM A14
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[3], NHYD=["TRA14"], IDs to add=[2+9]
*%------------------|-------------------------------------------------
CALIB STANDHYD      ID=[4], NHYD=["A15"], DT=[2](min), AREA=[0.236](ha),
                    XIMP=[0.3], TIMP=[0.3], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[77],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                         LGP=[50](m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                         LGI=[50](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%------------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[5], NHYD=["Pipe23"], RNUMBER=[23],
                    PDIAM=[750](mm), PLNGTH=[10](m),
                    PROUGH=[0.013], PSLOPE=[0.005](m/m), IDin=[4],
                    RDT=[10](min)
*%------------------|-------------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT FLOW FROM
*% A14 TO THE ROUTED POST DEVELOPEMENT FLOW FROM A15
```



```
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[6], NHYD=["TRA15"], IDs to add=[5+3]
*%------------------|-------------------------------------------------
*%
*%
*% END OF 8th STREET EAST STORM SEWER
*% START OF AREA SOUTH 8TH STREET EAST
*% CATCHMENT AREA 101
*%
*%------------------|-------------------------------------------------------------|
CALIB STANDHYD      ID=[1], NHYD=["A101"], DT=[2](min), AREA=[3.0](ha),
                    XIMP=[0.6], TIMP=[0.6], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[1.0](%),
                                         LGP=[150](m), MNP=[0.013], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[1.0](%),
                                         LGI=[150](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%------------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[2], NHYD=["Pipe24"], RNUMBER=[24],
                    PDIAM=[900](mm), PLNGTH=[60](m),
                    PROUGH=[0.013], PSLOPE=[0.0075](m/m), IDin=[1],
                    RDT=[10](min)
*%------------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[3], NHYD=["Pipe25"], RNUMBER=[25],
                    PDIAM=[750](mm), PLNGTH=[36](m),
                    PROUGH=[0.013], PSLOPE=[0.004](m/m), IDin=[2],
                    RDT=[10](min)
*%------------------|-------------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT ROUTED FLOW FROM
*% CATCHMENT 101 TO THE TOTAL POST DEVELOPMENT FLOW FROM A15.
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[4], NHYD=["TRA101"], IDs to add=[6+3]
*%------------------|-------------------------------------------------
*%
*%
*% TOTAL COMBINED FLOW FROM SYDNEHAM SCHOOL, 8th STREET EAST (WEST OF 16TH AVE)
*% AND CATCHMENT AREA 101, ROUTED TO 16th AVENUE
*%
*%
*%------------------|-------------------------------------------------
ROUTE PIPE          PTYPE=[1]circ, IDout=[5], NHYD=["Pipe26"], RNUMBER=[26],
                    PDIAM=[900](mm), PLNGTH=[51](m),
                    PROUGH=[0.013], PSLOPE=[0.0065](m/m), IDin=[4],
                    RDT=[10](min)
*%------------------|-------------------------------------------------------------|
*%
*%
*% END OF 8th STREET EAST(WEST OF 16th AVE) STORM SEWER
*% START OF 8th STREET EAST(EAST OF 16th AVE) STORM SEWER
*% CATCHMENT AREA 102
*%
*%
*%------------------|-------------------------------------------------------------|
CALIB STANDHYD      ID=[1], NHYD=["A102"], DT=[2](min), AREA=[0.74](ha),
                    XIMP=[0.8], TIMP=[0.8], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[5.0](%),
                                         LGP=[70](m), MNP=[0.013], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[5.0](%),
                                         LGI=[70](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%------------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[2], NHYD=["Pipe27"], RNUMBER=[27],
                    PDIAM=[375](mm), PLNGTH=[42](m),
                    PROUGH=[0.013], PSLOPE=[0.01](m/m), IDin=[1],
                    RDT=[10](min)
```

```
*%-----------------|-------------------------------------------------------------|
*%
*****************************************************************************
*%
*% TOTAL COMBINED FLOW TO THE INTERSECTION OF 8TH STREET EAST AND 16th AVENUE
*%
*%-----------------|-------------------------------------------------------------|
ADD HYD           IDsum=[4], NHYD=["8thSTR"], IDs to add=[5+2]
*%-----------------|-------------------------------------------------------------
*%
*****************************************************************************
*%
*%
*% START OF 16th AVENUE STORM SEWER (M-1451)
*%
*%
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE        PTYPE=[1]circ, IDout=[5], NHYD=["Pipe28"], RNUMBER=[28],
                  PDIAM=[750](mm), PLNGTH=[87.5](m),
                  PROUGH=[0.013], PSLOPE=[0.0326](m/m), IDin=[4],
                  RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
CALIB STANDHYD    ID=[6], NHYD=["A103"], DT=[2](min), AREA=[2.55](ha),
                  XIMP=[0.6], TIMP=[0.6], DWF=[0](cms), LOSS=[2],
                  SCS curve number CN=[83],
                  Pervious   surfaces: IAper=[5.0](mm), SLPP=[5.0](%),
                                       LGP=[150](m), MNP=[0.013], SCP=[0](hrs),
                  Impervious surfaces: IAimp=[2.0](mm), SLPI=[5.0](%),
                                       LGI=[70](m), MNI=[0.013], SCI=[0](hrs),
                  RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE        PTYPE=[1]circ, IDout=[7], NHYD=["Pipe29"], RNUMBER=[29],
                  PDIAM=[750](mm), PLNGTH=[65](m),
                  PROUGH=[0.013], PSLOPE=[0.028](m/m), IDin=[6],
                  RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
*%
*% CONFLUENCE POINT TO RECEIVE OSCVI AREA B ON 16th AVE E
*%
*%-----------------|-------------------------------------------------------------|
ADD HYD           IDsum=[8], NHYD=["OSCVIb"], IDs to add=[5+7]
*%-----------------|-------------------------------------------------------------|
*%
*%
*% START OSCVI AREA B (C-3854-B)
*%
*%
*%-----------------|-------------------------------------------------------------|
CALIB STANDHYD    ID=[9], NHYD=["AREAB"], DT=[2](min), AREA=[6.03](ha),
                  XIMP=[0.6], TIMP=[0.6], DWF=[0](cms), LOSS=[2],
                  SCS curve number CN=[83],
                  Pervious   surfaces: IAper=[5.0](mm), SLPP=[3.5](%),
                                       LGP=[55](m), MNP=[0.03], SCP=[0](hrs),
                  Impervious surfaces: IAimp=[2.0](mm), SLPI=[3.0](%),
                                       LGI=[320](m), MNI=[0.013], SCI=[0](hrs),
                  RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------------|
*%
*%
*% TOTAL COMBINED FLOW DOWNSTREAM AND INCLUDING AREA B ON 16th AVENUE EAST
*%
*%
*%-----------------|-------------------------------------------------------------|
ADD HYD           IDsum=[1], NHYD=["OSCVI"], IDs to add=[9+8]
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE        PTYPE=[1]circ, IDout=[2], NHYD=["Pipe30"], RNUMBER=[30],
                  PDIAM=[900](mm), PLNGTH=[150](m),
```



```
                  PROUGH=[0.013], PSLOPE=[0.026](m/m), IDin=[1],
                  RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
*%
*%
*% CALCULATE FLOWS FROM HOSPITAL PROPERTY WEST 16th AVE EAST
*% CATCHMENT 998
*%
*%-----------------|-------------------------------------------------------------|
CALIB STANDHYD    ID=[3], NHYD=["HOSP"], DT=[2](min), AREA=[4.59](ha),
                  XIMP=[0.2], TIMP=[0.2], DWF=[0](cms), LOSS=[2],
                  SCS curve number CN=[83],
                  Pervious   surfaces: IAper=[5.0](mm), SLPP=[1.0](%),
                                       LGP=[130](m), MNP=[0.013], SCP=[0](hrs),
                  Impervious surfaces: IAimp=[2.0](mm), SLPI=[1.0](%),
                                       LGI=[300](m), MNI=[0.013], SCI=[0](hrs),
                  RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE        PTYPE=[1]circ, IDout=[4], NHYD=["Pipe31"], RNUMBER=[31],
                  PDIAM=[375](mm), PLNGTH=[117.5](m),
                  PROUGH=[0.013], PSLOPE=[0.06](m/m), IDin=[3],
                  RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE        PTYPE=[1]circ, IDout=[5], NHYD=["Pipe32"], RNUMBER=[32],
                  PDIAM=[600](mm), PLNGTH=[70](m),
                  PROUGH=[0.013], PSLOPE=[0.011](m/m), IDin=[4],
                  RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
*%
*%
*% COMBINED FLOWS DOWNSTREAM AND INCLUDING HOSPITAL FLOWS ON 16th AVE E
*%
*%
*%-----------------|-------------------------------------------------------------|
ADD HYD           IDsum=[6], NHYD=["TOTHSP"], IDs to add=[2+5]
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE        PTYPE=[1]circ, IDout=[7], NHYD=["Pipe33"], RNUMBER=[33],
                  PDIAM=[900](mm), PLNGTH=[60](m),
                  PROUGH=[0.013], PSLOPE=[0.043](m/m), IDin=[6],
                  RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
CALIB STANDHYD    ID=[8], NHYD=["104"], DT=[2](min), AREA=[4.2](ha),
                  XIMP=[0.6], TIMP=[0.6], DWF=[0](cms), LOSS=[2],
                  SCS curve number CN=[83],
                  Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                       LGP=[100](m), MNP=[0.013], SCP=[0](hrs),
                  Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                       LGI=[300](m), MNI=[0.013], SCI=[0](hrs),
                  RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------------|
*%
*%
*% TOTAL COMBINED FLOW FROM 16th STREET EAST, SOUTH OF AND INCLUDING
*% CATCHMENT 104
*%
*%-----------------|-------------------------------------------------------------|
ADD HYD           IDsum=[9], NHYD=["TOT104"], IDs to add=[7+8]
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE        PTYPE=[1]circ, IDout=[1], NHYD=["Pipe34"], RNUMBER=[34],
                  PDIAM=[1200](mm), PLNGTH=[59](m),
                  PROUGH=[0.013], PSLOPE=[0.013](m/m), IDin=[9],
                  RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
*%
*%
*% START OF 10th STREET EAST STORM SEWER
*%
```

```
*%
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[2], NHYD=["105"], DT=[2](min), AREA=[3.59](ha),
                    XIMP=[0.25], TIMP=[0.25], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[4.0](%),
                                         LGP=[200](m), MNP=[0.013], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[4.0](%),
                                         LGI=[200](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[3], NHYD=["Pipe35"], RNUMBER=[35],
                    PDIAM=[600](mm), PLNGTH=[70](m),
                    PROUGH=[0.013], PSLOPE=[0.0075](m/m), IDin=[2],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[4], NHYD=["Pipe36"], RNUMBER=[36],
                    PDIAM=[600](mm), PLNGTH=[120](m),
                    PROUGH=[0.013], PSLOPE=[0.0105](m/m), IDin=[3],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[5], NHYD=["105.2"], DT=[2](min), AREA=[2.44](ha),
                    XIMP=[0.3], TIMP=[0.3], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[5.0](%),
                                         LGP=[300](m), MNP=[0.013], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[5.0](%),
                                         LGI=[300](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL POST DEVELOPMENT ROUTED FLOW FROM
*% CATCHMENT 105 TO THE TOTAL POST DEVELOPMENT FLOW FROM CATCHMENT 105.2.
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[6], NHYD=["T105.2"], IDs to add=[4+5]
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[7], NHYD=["Pipe37"], RNUMBER=[37],
                    PDIAM=[600](mm), PLNGTH=[75](m),
                    PROUGH=[0.013], PSLOPE=[0.028](m/m), IDin=[6],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[8], NHYD=["Pipe38"], RNUMBER=[38],
                    PDIAM=[600](mm), PLNGTH=[69](m),
                    PROUGH=[0.013], PSLOPE=[0.022](m/m), IDin=[7],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
*%
*%
*% START OSCVI AREA A
*%
*%
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[9], NHYD=["AREA A"], DT=[2](min), AREA=[2.34](ha),
                    XIMP=[0.01], TIMP=[0.1], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[8.0](%),
                                         LGP=[190](m), MNP=[0.03], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                         LGI=[10](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
*% THE FOLLOWING ADD HYD COMBINES THE TOTAL ROUTED FLOW FROM 10th STREET E
*% AND FROM CATCHMENT OSCVI AREA A
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[2], NHYD=["OSCVIA"], IDs to add=[9+8]
*%-----------------|-------------------------------------------------------|
*%
*%
```



```
*% COMBINED FLOWS FROM 10th STREET E AND OSCVI AREA A, ROUTE TO 16TH AVE ON
*% 10th STREET E
*%
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[3], NHYD=["Pipe39"], RNUMBER=[39],
                    PDIAM=[600](mm), PLNGTH=[50](m),
                    PROUGH=[0.013], PSLOPE=[0.03](m/m), IDin=[2],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[4], NHYD=["Pipe40"], RNUMBER=[40],
                    PDIAM=[750](mm), PLNGTH=[30](m),
                    PROUGH=[0.013], PSLOPE=[0.01](m/m), IDin=[3],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
*************************************************************************
*%
*%
*% THE FOLLOWING ADD HYD COMBINES THE FLOWS AT THE 16th AVE E AND 10th STREET E
*% INTERSECTION
*%
*%
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[5], NHYD=["16&10"], IDs to add=[1+4]
*%-----------------|-------------------------------------------------------|
*%
*%
*************************************************************************
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[6], NHYD=["Pipe41"], RNUMBER=[41],
                    PDIAM=[1500](mm), PLNGTH=[80](m),
                    PROUGH=[0.013], PSLOPE=[0.006](m/m), IDin=[5],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
*%
*%
*% COMBINE FLOWS ON 10th STREET EAST AT OUTLET TO CHANNEL
*% START HOSPITAL PROPERTY, NORTH CATCHMENT
*%
*%
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[7], NHYD=["999"], DT=[2](min), AREA=[4.2](ha),
                    XIMP=[0.2], TIMP=[0.2], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[3.0](%),
                                         LGP=[350](m), MNP=[0.1], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[3.0](%),
                                         LGI=[60](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[8], NHYD=["Pipe42"], RNUMBER=[42],
                    PDIAM=[450](mm), PLNGTH=[100](m),
                    PROUGH=[0.013], PSLOPE=[0.03](m/m), IDin=[7],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[9], NHYD=["TRA999"], IDs to add=[8+6]
*%-----------------|-------------------------------------------------------|
*%
*%
*% COMBINE FLOWS ON 10th STREET EAST AT OUTLET TO POND CHANNEL, ADD FLOW FROM
*% POND CATCHMENT AND ROUTE FLOWS ALONG POND INLET CHANNEL TO SWM POND
*%
*%
*%-----------------|-------------------------------------------------------|
CALIB STANDHYD      ID=[1], NHYD=["106"], DT=[2](min), AREA=[1.95](ha),
                    XIMP=[0.2], TIMP=[0.2], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[1.0](%),
```

```
                                    LGP=[50](m), MNP=[0.1], SCP=[0](hrs),
                  Impervious surfaces: IAimp=[2.0](mm), SLPI=[1.0](%),
                                    LGI=[50](m), MNI=[0.013], SCI=[0](hrs),
                  RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%----------------|-------------------------------------------------------------|
ADD HYD           IDsum=[2], NHYD=["TRA106"], IDs to add=[9+1]
*%----------------|-------------------------------------------------------------|
ROUTE CHANNEL     IDout=[3], NHYD=["CHAN-1"], IDin=[2],
                  RDT=[2](min),
                  CHLGTH=[150](m),  CHSLOPE=[2.0](%),
                                    FPSLOPE=[2.0](%),
                  SECNUM=[1],       NSEG=[3]
                  ( SEGROUGH, SEGDIST (m))=[0.035,3 -0.035,5 0.035,8[ NSEG times
                  ( DISTANCE (m), ELEVATION (m))=[0, 100]
                                                [3,  99]
                                                [5,  99]
                                                [8, 100[
*%----------------|-------------------------------------------------------------|
ROUTE RESERVOIR   IDout=[4],   NHYD=["POND1"],  IDin=[3],
                  RDT=[2](min),
                        TABLE of ( OUTFLOW-STORAGE ) values
                                  (cms) - (ha-m)
                                [   0.0 ,  0.0000 ]
                                [  0.180,  0.2829 ]
                                [  0.239,  0.4929 ]
                                [  0.285,  0.7210 ]
                                [  0.325,  0.9684 ]
                                [  0.646,  1.0996 ]
                                [  1.216,  1.2362 ]
                                [  1.787,  1.2828 ]
                                [  2.832,  1.3300 ]
                                [  4.186,  1.3779 ]
                                [  5.250,  1.4118 ]
                                [  5.322,  1.5252 ]
                                [  7.458,  1.6781 ]
                                [   -1  ,    -1   ]  (max twenty pts)
                        IDovf=[   ], NHYDovf=[   ]
*%----------------|-------------------------------------------------------------|
*%
*%
* START FLOWS ON 16TH AVENUE EAST, NORTH OF 10TH STREET EAST
*%
*%
*%----------------|-------------------------------------------------------------|
CALIB STANDHYD    ID=[5], NHYD=["107.1"], DT=[2](min), AREA=[0.96](ha),
                  XIMP=[0.4], TIMP=[0.4], DWF=[0](cms), LOSS=[2],
                  SCS curve number CN=[83],
                  Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                    LGP=[60](m), MNP=[0.1], SCP=[0](hrs),
                  Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                    LGI=[60](m), MNI=[0.013], SCI=[0](hrs),
                  RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%----------------|-------------------------------------------------------------|
ROUTE PIPE        PTYPE=[1]circ, IDout=[6], NHYD=["Pipe43"], RNUMBER=[43],
                  PDIAM=[300](mm), PLNGTH=[43](m),
                  PROUGH=[0.013], PSLOPE=[0.024](m/m), IDin=[5],
                  RDT=[10](min)
*%----------------|-------------------------------------------------------------|
CALIB STANDHYD    ID=[7], NHYD=["107.2"], DT=[2](min), AREA=[0.3](ha),
                  XIMP=[0.4], TIMP=[0.4], DWF=[0](cms), LOSS=[2],
                  SCS curve number CN=[83],
                  Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                    LGP=[60](m), MNP=[0.1], SCP=[0](hrs),
                  Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                    LGI=[60](m), MNI=[0.013], SCI=[0](hrs),
                  RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%----------------|-------------------------------------------------------------|
```



```
ADD HYD           IDsum=[8], NHYD=["T107.2"], IDs to add=[7+6]
*%----------------|-------------------------------------------------------------|
ROUTE PIPE        PTYPE=[1]circ, IDout=[9], NHYD=["Pipe44"], RNUMBER=[44],
                  PDIAM=[375](mm), PLNGTH=[65](m),
                  PROUGH=[0.013], PSLOPE=[0.022](m/m), IDin=[8[,
                  RDT=[10](min)
*%----------------|-------------------------------------------------------------|
CALIB STANDHYD    ID=[1], NHYD=["107.3"], DT=[2](min), AREA=[0.3](ha),
                  XIMP=[0.4], TIMP=[0.4], DWF=[0](cms), LOSS=[2],
                  SCS curve number CN=[83],
                  Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                    LGP=[60](m), MNP=[0.1], SCP=[0](hrs),
                  Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                    LGI=[60](m), MNI=[0.013], SCI=[0](hrs),
                  RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%----------------|-------------------------------------------------------------|
ADD HYD           IDsum=[2], NHYD=["T107.3"], IDs to add=[1+9]
*%----------------|-------------------------------------------------------------|
ROUTE PIPE        PTYPE=[1]circ, IDout=[3], NHYD=["Pipe45"], RNUMBER=[45],
                  PDIAM=[450](mm), PLNGTH=[55](m),
                  PROUGH=[0.013], PSLOPE=[0.019](m/m), IDin=[2],
                  RDT=[10](min)
*%----------------|-------------------------------------------------------------|
*%
*%
* TOTAL COMBINED FLOW FROM POND DISCHARGE AND FLOWS FROM 16TH AVE E, NORTH OF
* 10TH STREET EAST
*%
*%
*%----------------|-------------------------------------------------------------|
ADD HYD           IDsum=[5], NHYD=["16+10"], IDs to add=[3+4]
*%----------------|-------------------------------------------------------------|
ROUTE PIPE        PTYPE=[1]circ, IDout=[6], NHYD=["Pipe46"], RNUMBER=[46],
                  PDIAM=[1200](mm), PLNGTH=[94](m),
                  PROUGH=[0.013], PSLOPE=[0.006](m/m), IDin=[5],
                  RDT=[10](min)
*%----------------|-------------------------------------------------------------|
*%
*%
* START FLOWS FROM DIVERTED AREA EAST OF 16 TH AVE EAST
*%
*%
*%----------------|-------------------------------------------------------------|
CALIB STANDHYD    ID=]7], NHYD=["900"], DT=[2](min), AREA=[7.25](ha),
                  XIMP=[0.6], TIMP=[0.6], DWF=[0](cms), LOSS=[2],
                  SCS curve number CN=[83],
                  Pervious   surfaces: IAper=[5.0](mm), SLPP=[5.0](%),
                                    LGP=[100](m), MNP=[0.1], SCP=[0](hrs),
                  Impervious surfaces: IAimp=[2.0](mm), SLPI=[5.0](%),
                                    LGI=[100](m), MNI=[0.013], SCI=[0](hrs),
                  RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%----------------|-------------------------------------------------------------|
ROUTE RESERVOIR   IDout=[8],   NHYD=["POND2"],  IDin=[7],
                  RDT=[2](min),
                        TABLE of ( OUTFLOW-STORAGE ) values
                                  (cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
                                [ 0.233 ,  0.0111 ]
                                [ 0.330 ,  0.0243 ]
                                [ 0.404 ,  0.0397 ]
                                [ 0.467 ,  0.0575 ]
                                [ 0.522 ,  0.0778 ]
                                [ 0.572 ,  0.1008 ]
                                [ 0.617 ,  0.1266 ]
                                [ 0.660 ,  0.1554 [
                                [ 0.700 ,  0.1874 ]
                                [ 0.738 ,  0.2227 ]
```

```
                              [    -1 ,      -1 ]  (max twenty pts)
                    IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[9], NHYD=["Pipe47"], RNUMBER=[47],
                    PDIAM=[750](mm), PLNGTH=[250](m),
                    PROUGH=[0.013], PSLOPE=[0.004](m/m), IDin=[8],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
* TOTAL ROUTED FLOW THROUGH PIPE 46 + TOTAL ROUTED FLOW THROUGH POND 2
* TOTAL COMBINED FLOW FROM 16TH AVENUE EAST NORTH OF 10th STREET EAST
ADD HYD             IDsum=[1], NHYD=["TRP2"], IDs to add=[9+6]
*%-----------------|-------------------------------------------------------------|
CALIB STANDHYD      ID=[2], NHYD=["108"], DT=[2](min), AREA=[1.10](ha),
                    XIMP=[0.4], TIMP=[0.4], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[83],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                         LGP=[60](m), MNP=[0.1], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                         LGI=[60](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[3], NHYD=["T108"], IDs to add=[1+2]
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[4], NHYD=["Pipe48"], RNUMBER=[48],
                    PDIAM=[1200](mm), PLNGTH=[60](m),
                    PROUGH=[0.013], PSLOPE=[0.0058](m/m), IDin=[3],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[5], NHYD=["Pipe49"], RNUMBER=[49],
                    PDIAM=[1200](mm), PLNGTH=[59](m),
                    PROUGH=[0.013], PSLOPE=[0.0063](m/m), IDin=[4],
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
*%
*%
* START FLOWS FROM ANDPET SUBDIVISION, 16TH AVENUE EAST
*%
*%
*%-----------------|-------------------------------------------------------------|
CALIB STANDHYD      ID=[6], NHYD=["ANDPET"], DT=[2](min), AREA=[7.70](ha),
                    XIMP=[0.5], TIMP=[0.5], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[65],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[2.0](%),
                                         LGP=[100](m), MNP=[0.3], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[2.0](%),
                                         LGI=[100](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------------|
ROUTE RESERVOIR     IDout=[7],   NHYD=["ANDPND"],  IDin=[6],
                    RDT=[2](min),
                         TABLE of ( OUTFLOW-STORAGE ) values
                                    (cms) - (ha-m)
                                  [ 0.000 ,  0.0000 ]
                                  [ 0.250 ,  0.0160 ]
                                  [ 0.500 ,  0.0670 ]
                                  [ 0.750 ,  0.1360 ]
                                  [ 1.000 ,  0.2340 ]
                                  [ 1.250 ,  0.3570 ]
                                  [ 1.500 ,  0.5100 ]
                                  [ 1.750 ,  0.6970 ]
                                  [ 2.000 ,  0.9410 ]
                                  [   -1  ,     -1  ]  (max twenty pts)
                         IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------------|
ROUTE PIPE          PTYPE=[1]circ, IDout=[8], NHYD=["Pipe50"], RNUMBER=[50],
                    PDIAM=[750](mm), PLNGTH=[59](m),
                    PROUGH=[0.013], PSLOPE=[0.002](m/m), IDin=[7],
```



```
                    RDT=[10](min)
*%-----------------|-------------------------------------------------------------|
*%
*%
* TOTAL FLOW TO AND INCLUDING THE ANPET SUBDIVISION ON 16TH AVE
*%
*%
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[9], NHYD=["TOTAND"], IDs to add=[5+8]
*%-----------------|-------------------------------------------------------------|
*******************************************************************************
* OWEN SOUND RETIREMENT RESIDENCE, 1389 16TH AVE EAST
*% ASSUME THE SAME CN VALUE AS THE ANDPET SUBDIVISION
CALIB STANDHYD      ID=[1], NHYD=["RETRES"], DT=[2](min), AREA=[0.9](ha),
                    XIMP=[0.63], TIMP=[0.63], DWF=[0](cms), LOSS=[2],
                    SCS curve number CN=[65],
                    Pervious   surfaces: IAper=[5.0](mm), SLPP=[1.0](%),
                                         LGP=[20](m), MNP=[0.3], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0](mm), SLPI=[0.5](%),
                                         LGI=[65](m), MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ](mm/hr) ,  END=-1
*%-----------------|-------------------------------------------------------------|
* OWEN SOUND RETIREMENT RESIDENCE, 1389 16TH AVE EAST
* PARKING LOT STORAGE, 5YR ATTENUATED IN PARKING AREA VIA CATCHBASIN ORFICE
* PLATES WITH MAJOR SYSTEM FLOW(GREATER THAN 5YR) DISCHARGING TO 16TH AVE
ROUTE RESERVOIR     IDout=[2],   NHYD=["POND3"],  IDin=[1],
                    RDT=[2](min),
                         TABLE of ( OUTFLOW-STORAGE ) values
                                    (cms) - (ha-m)
                                  [ 0.000 ,  0.0000 ]
                                  [ 0.043 ,  0.0089 ]
                                  [ 0.290 ,  0.0097 ]
                                  [ 0.4   ,  0.0100 ]
                                  [   -1  ,     -1  ]  (max twenty pts)
                         IDovf=[], NHYDovf=["RETOVR"]
*%-----------------|-------------------------------------------------------------|
*%
* TOTAL FLOW TO THE INTERSECTION OF 16TH AVE AND 16TH STREET EAST
* GAMBSY AND MANNEROW MIDUSS MODEL, DOES NOT INCLUDE THE CANADIAN TIRE,
* WALMART, HOME DEPOT AND DEVELOPMENTS NORTH OF 16TH STREET EAST
*%
*%
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[5], NHYD=["TOT16"], IDs to add=[9+2]
*%-----------------|-------------------------------------------------------------|
*******************************************************************************
*%
*%
* START BURNSIDE SWMHYMO MODEL
*%
*%
* WALMART AND HOME DEPOT DEVELOPMENT 16TH STREET EAST
CALIB STANDHYD      ID=[6], NHYD=["WLMRT"], DT=[2.0](min), AREA=[20.72],
                    XIMP=[0.65], TIMP=[0.65], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[4.2](%),
                                         LGP=[130], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.1](%),
                                         LGI=[371], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
* WALMART EXTERNAL CATCHMENT
CALIB NASHYD        ID=[7], NHYD=["WEXT"], DT=[2.0]min, AREA=[1.58],
                    DWF=[0.0],  CN/C=[78], IA=[5.2],
                    N=[3], TP=[0.11]hrs,
                    RAINFALL=[ ,  ,  ,  , ),  END=-1
*%-----------------|-------------------------------------------------------------|
```

```
* TOTAL FLOW FROM THE WALMART DEVELOPMENT
ADD HYD             IDsum=[8], NHYD=["TWLMRT"], IDs to add=[6+7]
*%-----------------|-------------------------------------------------------------|
* WALMART POND
ROUTE RESERVOIR     IDout=[9],   NHYD=["WMRTPD"],  IDin=[8],
                    RDT=[2](min),
                          TABLE of ( OUTFLOW-STORAGE ) values
                                     (cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
                                [ 1.900 ,  0.8293 ]
                                [    10 ,  0.8500 ]
                                [   -1  ,     -1  ]  (max twenty pts)
                          IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------------|
* ROUTE FLOW FROM THE WALMART AND HOME DEPOT DEVELOPMENT TO FLOW NODE 1
ROUTE PIPE          PTYPE=[1]circ, IDout=[1], NHYD=["16thSTR"], RNUMBER=[51],
                    PDIAM=[1050](mm), PLNGTH=[180](m),
                    PROUGH=[0.013], PSLOPE=[0.0058](m/m), IDin=[9],
                    RDT=[2](min)
*%-----------------|-------------------------------------------------------------|
* CANADIAN TIRE DEVELOPMENT ( 16TH STREET EAST AND 16TH AVE EAST)
CALIB STANDHYD      ID=[2], NHYD=["CDNT"], DT=[2.0](min), AREA=[3.62],
                    XIMP=[0.95], TIMP=[0.95], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[3.0](%),
                                         LGP=[33], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.3](%),
                                         LGI=[273], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
*%
*%
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[4], NHYD=["TN1"], IDs to add=[5+1]
*%-----------------|-------------------------------------------------------------|
*****************************************************************************
* TOTAL FLOW TO FLOW NODE 1 INCLUDING (WLMRT, CDNT, Gambsby and Mannero)
ADD HYD             IDsum=[3], NHYD=["TND1"], IDs to add=[2+4]
*%-----------------|-------------------------------------------------------------|
*****************************************************************************
*%
*%
*%-----------------|-------------------------------------------------------------|
* ROUTE FLOW FROM FLOW NODE 1 TO FLOW NODE 2
ROUTE PIPE          PTYPE=[2]rect,  IDout=[4], NHYD=["ND1ND2"], RNUMBER=[52],
                    PWIDTH=[1930](mm), PHEIGHT=[1220](mm),  PLNGTH=[150](m),
                    PROUGH=[0.013[,  PSLOPE=[0.0073](m/m), IDin=[3],
                    RDT=[2](min)
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 2a- COMMERCIAL LAND USE
CALIB STANDHYD      ID=[7], NHYD=["CA2COM"], DT=[2.0](min), AREA=[4.44],
                    XIMP=[0.90], TIMP=[0.90], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[6.7[(%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[3.4](%),
                                         LGI=[149], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
ROUTE RESERVOIR     IDout=[5],   NHYD=["C2APND"],  IDin=[7],
                    RDT=[2](min),
                          TABLE of ( OUTFLOW-STORAGE ) values
                                     (cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
                                [ 0.091 ,  0.0885 ]
                                [ 0.166 ,  0.1090 ]
                                [ 0.225 ,  0.1235 ]
```



```
                                [ 0.305 ,  0.1415 ]
                                [ 0.368 ,  0.1540 ]
                                [ 0.432 ,  0.1660 ]
                                [   -1  ,     -1  ]  (max twenty pts)
                          IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------------|
* SHIFT CATCHMENT 2a TO FLOW NODE 2
SHIFT HYD           IDout=[6], NHYD=["SH2a"], IDin=[5], TLAG=[5.67](min)
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 3a
CALIB STANDHYD      ID=[7], NHYD=["CA3a"], DT=[2.0](min), AREA=[5.11],
                    XIMP=[0.55], TIMP=[0.66], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[7.1](%),
                                         LGP=[28], MNP=[0.25], SCP=[0[(hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.4](%),
                                         LGI=[248], MNI=[0.013], SCI=[0[(hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
* SHIFT FLOW FROM CATCHMENT #3a TO FLOW NODE 2
SHIFT HYD           IDout=[8], NHYD=["SH3a"], IDin=[7], TLAG=[2.47](min)
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 3b
CALIB STANDHYD      ID=[9], NHYD=["CA3b"[, DT=[2.0](min), AREA=[2.82],
                    XIMP=[0.81], TIMP=[0.81], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76[,
                    Pervious   surfaces: IAper=[5.0], SLPP=[5.0](%),
                                         LGP=[40], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.8](%),
                                         LGI=[118], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
* ANDPET COMMMERCIAL DEVELOPMENT
CALIB STANDHYD      ID=[1], NHYD=["ANDCOM"], DT=[2.0](min), AREA=[1.10[,
                    XIMP=[0.95], TIMP=[0.95], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.0[(%),
                                         LGP=[10], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[2.0](%),
                                         LGI=[115], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
* ANDPET COMMMERCIAL DEVELOPMENT PARKING LOT STORAGE
ROUTE RESERVOIR     IDout=[2],   NHYD=["ACPND"],  IDin=[1],
                    RDT=[2](min),
                          TABLE of ( OUTFLOW-STORAGE ) values
                                     (cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
                                [ 0.228 ,  0.0137 ]
                                [ 0.357 ,  0.0200 ]
                                [   -1  ,     -1  ]  (max twenty pts)
                          IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------------|
*%
*%
*%
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW FROM FLOW NODE #1 AND SHIFTED 2a
ADD HYD             IDsum=[3], NHYD=["T2a"], IDs to add=[4+6]
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW FROM FLOW NODE #1, SHIFTED 2a AND SHIFTED 3a
ADD HYD             IDsum=[4], NHYD=["T2b"], IDs to add=[3+8]
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW FROM FLOW NODE #1 AND SHIFTED 2a, SHIFTED 3b AND ANDPET COMMERCIAL
ADD HYD             IDsum=[5], NHYD=["T2c"], IDs to add=[4+2]
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW TO FLOW NODE 2 INCLUDING
```

```
* CATCHMENTS(2A, 3A, 3B, ANDCOM & FLOW NODE 1)
ADD HYD             IDsum=[3], NHYD=["TND2"], IDs to add=[5+9[
*%-----------------|-------------------------------------------------------------|
*%
*%
*%-----------------|-------------------------------------------------------------|
* SPLIT TOTAL FLOW TO FLOW NODE 2 BETWEEN EXISTING 1200 STM AND NEW PROPOSED
* CHANNEL, ASSUME EXSITING 1200 STM IS AT CAPACITY. REMAINING FLOW WILL BE
* DIVERTED TO EAST CHANNEL
COMPUTE DUALHYD     IDin=[3], CINLET=[3.02](cms), NINLET=[1],
                    MAJID=[4], MajNHYD=["CHAN"],
                    MINID=[5], MinNHYD=["PIPE"],
                    TMJSTO=[0](cu-m)
*%-----------------|-------------------------------------------------------------|
* ROUTE FLOW FROM FLOW NODE 2 TO FLOW NODE 4
* ROUTED LENGTH FROM FLOW NODE 2-3 = 240m
* ROUTED LENGTH FROM FLOW NODE 3-4 = 400m
* TOTAL ROUTED LENGTH = 640m
ROUTE PIPE          PTYPE=[1]circ, IDout=[6], NHYD=["N3N4P"], RNUMBER=[53],
                    PDIAM=[1200](mm), PLNGTH=[640](m),
                    PROUGH=[0.013], PSLOPE=[0.006](m/m), IDin=[5],
                    RDT=[2](min)
*%-----------------|-------------------------------------------------------------|
*****************************************************************************
* ROUTE FLOW FROM FLOW NODE 2 TO FLOW NODE 3 THROUGH THE PROPOSED EAST CHANNEL
* BASED ON FLOW FROM FLOW SPLITTER
ROUTE CHANNEL       IDout=[7], NHYD=["N2N3C"], IDin=[4],
                    RDT=[2](min),
                    CHLGTH=[240](m),  CHSLOPE=[0.65](%),
                                        FPSLOPE=[0.65](%),
                    SECNUM=[1],         NSEG=[3]
                    ( SEGROUGH, SEGDIST (m))=[0.035,5.5 -0.035,8.5 0.035,14] NSEG
times
                    ( DISTANCE (m), ELEVATION (m))=[ 0    ,  100     ]
                                                   [ 5.5 ,98.17     ]
                                                   [ 8.5 ,98.17     ]
                                                   [  14 ,  100     ]
*%-----------------|-------------------------------------------------------------|
*****************************************************************************
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 1- COMMERCIAL LAND USE
CALIB STANDHYD      ID=[4], NHYD=["CA1COM"], DT=[2.0](min), AREA=[5.30],
                    XIMP=[0.90], TIMP=[0.90], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76[,
                    Pervious   surfaces: IAper=[5.0], SLPP=[2.1[(%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[4.1](%),
                                         LGI=[146], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
*CATCHMENT 1- INDUSTRIAL LAND USE
CALIB STANDHYD      ID=[5], NHYD=["CA1IND"], DT=[2.0](min), AREA=[10.99],
                    XIMP=[0.75], TIMP=[0.75], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[3.3](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[2.1](%),
                                         LGI=[234], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=]9], NHYD=["TOT1"], IDs to add=[4+5]
*%-----------------|-------------------------------------------------------------|
ROUTE RESERVOIR     IDout=]8],   NHYD=["C1PND"],  IDin=[9],
                    RDT=[2](min),
                         TABLE of ( OUTFLOW-STORAGE ) values
                                  (cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
```



```
                                [ 0.080 ,  0.4015 ]
                                [ 0.147 ,  0.5200 ]
                                [ 0.199 ,  0.5905 ]
                                [ 0.271 ,  0.6835 ]
                                [ 0.330 ,  0.7510 ]
                                [ 0.390 ,  0.8170 ]
                                [   -1  ,    -1   ]  (max twenty pts)
                         IDovf=[    ], NHYDovf=[    ]
*%-----------------|-------------------------------------------------------------|
*SHIFT FLOW FROM CATCHMENT 1 TO FLOW NODE 3
SHIFT HYD           IDout=[9], NHYD=["SH1"], IDin=[8], TLAG=[34.4](min)
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW FROM FLOW NODE 2 AND CATCHMENT 1
ADD HYD             IDsum=[2], NHYD=]"T3a"], IDs to add=[7+9]
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 2b- INDUSTRIAL LAND USE
CALIB STANDHYD      ID=[7], NHYD=["CA2IND"], DT=[2.0](min), AREA=[5.15],
                    XIMP=[0.75], TIMP=[0.75], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[3.3](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[2.2](%),
                                         LGI=[227], MNI=[0.013], SCI=[0[(hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
ROUTE RESERVOIR     IDout=[8],   NHYD=["C2BPND"],  IDin=[7],
                    RDT=[2](min),
                         TABLE of ( OUTFLOW-STORAGE ) values
                                  (cms) - (ha-m)
                                ]0.000,  0.000]
                                [0.064,  0.100]
                                [0.120,  0.130]
                                [0.164,  0.145]
                                [0.226,  0.165]
                                [0.276,  0.180]
                                [0.327,  0.195]
                                [0.441,  0.200]
                                ]   -1,  -1   ]  (max twenty pts)
                         IDovf=[    ], NHYDovf=[    ]
*%-----------------|-------------------------------------------------------------|
* SHIFT FLOW FROM CATCHMENT 2b TO FLOW NODE 3
SHIFT HYD           IDout=[3], NHYD=["SH2b"], IDin=[8], TLAG=[37.7](min)
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 4b
CALIB STANDHYD      ID=[4], NHYD=]"CA4"], DT=[2.0](min), AREA=[14.53],
                    XIMP=[0.25], TIMP=[0.44], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[2.1](%),
                                         LGP=[73], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.3](%),
                                         LGI=[466], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW FROM FLOW NODE 2, CATCHMENT 1 AND ROUTED 2b
ADD HYD             IDsum=[1], NHYD=["T3a"], IDs to add=[2+3]
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW TO FLOW NODE 3 INCLUDING CATCHMENTS (1, 2b, 4b & Flow Node 2)
* TOTAL FLOW TO FLOW NODE 3 ASSUMED TO BE ENTERING PROPOSED CHANNEL
ADD HYD             IDsum=[3], NHYD=["T3b"], IDs to add=[1+4]
*%-----------------|-------------------------------------------------------------|
* CATCHMENT MALL
* HERITAGE PLACE SHOPPING MALL
CALIB STANDHYD      ID=[1], NHYD=["MALL"], DT=[2.0](min), AREA=[13.24],
                    XIMP=[0.63], TIMP=[0.89], DWF=[0.0], LOSS=[2[,
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.3](%),
```

```
                                    LGP=[120], MNP=[0.25], SCP=[0](hrs),
                  Impervious surfaces: IAimp=[2.0], SLPI=[0.2](%),
                                    LGI=[293], MNI=[0.013], SCI=[0](hrs),
                  RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
* MAJOR SYSTEM FLOW FROM THE HERITAGE SHOPPING MALL TO SPILL OVER 16TH AVE EAST
* TO EXISTING CHANNEL
* MINOR SYSTEM ENTERS EXISTING 750 STM SEWER
COMPUTE DUALHYD      IDin=[1], CINLET=[0.787](cms), NINLET=[1],
                     MAJID=[2], MajNHYD=["CHAN"],
                     MINID=[4], MinNHYD=["PIPE"],
                     TMJSTO=[0](cu-m)
*%-----------------|-------------------------------------------------------------|
*%
*******************************************************************************
* TOTAL FLOW TO FLOW NODE 3 INCLUDING CATCHMENTS (1, 2b, 4b & Flow Node 2)
* TOTAL FLOW TO FLOW NODE 3 ASSUMED TO BE ENTERING PROPOSED CHANNEL
*%-----------------|-------------------------------------------------------------|
ADD HYD              IDsum=[5], NHYD=["TND3"], IDs to add=[3+2]
*%-----------------|-------------------------------------------------------------|
*******************************************************************************
*%
*%
*%-----------------|-------------------------------------------------------------|
*******************************************************************************
* ROUTE FLOW FROM FLOW NODE 3 TO FLOW NODE 4 THROUGH THE PROPOSED EAST CHANNEL
ROUTE CHANNEL        IDout=[7], NHYD=["ND3ND4"], IDin=[5],
                     RDT=[2](min),
                     CHLGTH=[390](m),  CHSLOPE=[0.65](%),
                                         FPSLOPE=]0.65](%),
                     SECNUM=[1],       NSEG=[3]
                     ( SEGROUGH, SEGDIST (m))=[0.035,5.5 -0.035,8.5 0.035,14] NSEG
times
                     ( DISTANCE (m), ELEVATION (m))=[   0 ,   100 ]
                                                    [ 5.5 , 98.17 ]
                                                    [ 8.5 , 98.17 ]
                                                    [  14 ,   100 ]
*%-----------------|-------------------------------------------------------------|
*******************************************************************************
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 5
CALIB STANDHYD       ID=[8], NHYD=["CA5"], DT=[2.0](min), AREA=[15.85],
                     XIMP=[0.32], TIMP=[0.47], DWF=[0.0], LOSS=[2],
                     SCS curve number CN=[69],
                     Pervious   surfaces: IAper=[5.0], SLPP=[1.5](%),
                                    LGP=[103], MNP=[0.25], SCP=[0](hrs),
                     Impervious surfaces: IAimp=[2.0], SLPI=[1.4](%),
                                    LGI=[289], MNI=[0.013], SCI=[0](hrs),
                     RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
*SHIFT FLOW FROM CATCHMENT 5 TO FLOW NODE 4 THROUGH 1050 STM
SHIFT HYD            IDout=[9], NHYD=["SH5"], IDin=[8], TLAG=[5.94](min)
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 6b
CALIB STANDHYD       ID=[1], NHYD=["CA6"], DT=[2.0](min), AREA=]32.10],
                     XIMP=[0.20], TIMP=[0.40], DWF=[0.0], LOSS=[2],
                     SCS curve number CN=[76],
                     Pervious   surfaces: IAper=[5.0], SLPP=[0.7](%),
                                    LGP=[135], MNP=[0.25], SCP=[0](hrs),
                     Impervious surfaces: IAimp=[2.0], SLPI=[0.7](%),
                                    LGI=[539], MNI=[0.013], SCI=[0](hrs),
                     RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
* ADD FLOW FROM CATCHMENTS 5 AND 6 AND SHIFTED FLOW FROM NODE 3
ADD HYD              IDsum=[2], NHYD=["T56ND3"], IDs to add=[1+9]
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 7
```



```
CALIB STANDHYD       ID=[3], NHYD=["CA7"], DT=[2.0](min), AREA=[2.90],
                     XIMP=[0.33], TIMP=[0.38], DWF=[0.0], LOSS=[2],
                     SCS curve number CN=[63],
                     Pervious   surfaces: IAper=[6.5], SLPP=[0.6](%),
                                    LGP=[82], MNP=[0.25], SCP=[0](hrs),
                     Impervious surfaces: IAimp=[2.0], SLPI=[0.4](%),
                                    LGI=[130], MNI=[0.013], SCI=[0](hrs),
                     RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
* SHIFT FLOW FROM CATCHMENT 7 TO FLOW NODE 4 THROUGH 1050 STM
SHIFT HYD            IDout=[1], NHYD=["SH7"], IDin=[3], TLAG=[6.61](min)
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 8
CALIB STANDHYD       ID=[5], NHYD=["CA8"], DT=[2.0](min), AREA=[8.01],
                     XIMP=[0.73], TIMP=[0.84], DWF=[0.0], LOSS=[2],
                     SCS curve number CN=[76],
                     Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                    LGP=[60], MNP=[0.25], SCP=[0](hrs),
                     Impervious surfaces: IAimp=[2.0], SLPI=[1.1](%),
                                    LGI=[95], MNI=[0.013], SCI=[0](hrs),
                     RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
*SHIFT FLOW FROM CATCHMENT #8 TO FLOW NODE 4
SHIFT HYD            IDout=[8], NHYD=["SH8"], IDin=[5], TLAG=[21.3](min)
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 11
CALIB STANDHYD       ID=[9], NHYD=["CA11"], DT=[2.0](min), AREA=[4.18],
                     XIMP=[0.28], TIMP=[0.36], DWF=[0.0], LOSS=[2],
                     SCS curve number CN=[76],
                     Pervious   surfaces: IAper=[5.0], SLPP=[3.0](%),
                                    LGP=[82], MNP=[0.25], SCP=[0](hrs),
                     Impervious surfaces: IAimp=[2.0], SLPI=[0.7](%),
                                    LGI=[270], MNI=[0.013], SCI=[0](hrs),
                     RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW SHIFTED CATHMENT 7 AND 8
ADD HYD              IDsum=[5], NHYD={"T7811a"], IDs to add=[1+8]
*%-----------------|-------------------------------------------------------------|
* TOTAL FLOW SHIFTED CATHMENT 7,8 AND CATCHMENT 11
ADD HYD              IDsum=[3], NHYD=]"T7811b"], IDs to add=[5+9]
*%-----------------|-------------------------------------------------------------|
*ADD SHIFTED FLOW FROM CATCHMENTS (7, 8, 11,5,6b)
ADD HYD              IDsum=[5], NHYD=["T7811"], IDs to add=[3+2]
*%-----------------|-------------------------------------------------------------|
*ADD TOTAL FLOW FROM CATCHMENTS 5,6b,7,8,11 AND FLOW NODE 3
ADD HYD              IDsum=[2], NHYD=["T56781"], IDs to add=[7+5]
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 3c
CALIB STANDHYD       ID=[3], NHYD=["CA3c"], DT=[2.0](min), AREA=[1.14],
                     XIMP=[0.45], TIMP=[0.50], DWF=[0.0], LOSS=[2],
                     SCS curve number CN=[76],
                     Pervious   surfaces: IAper=[5.0], SLPP=[2.0](%),
                                    LGP=[50], MNP=[0.25], SCP=[0](hrs),
                     Impervious surfaces: IAimp=[2.0], SLPI=[2.5](%),
                                    LGI=[80], MNI=[0.013], SCI=[0](hrs),
                     RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
* ROUTE FLOW FROM CATCHMENT 3c TO START OF EXISTING 1930 X 1220 BOX CULVERT
ROUTE PIPE           PTYPE=[1]circ, IDout=[5], NHYD=["3cPIPE"], RNUMBER=[54],
                     PDIAM=[600](mm), PLNGTH=[240](m),
                     PROUGH=[0.013], PSLOPE=[0.002](m/m), IDin=[3],
                     RDT=[2](min)
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 4a
CALIB STANDHYD       ID=[3], NHYD=["CA4a"], DT=[2.0](min), AREA=[1.86],
                     XIMP=(0.75], TIMP=[0.80], DWF=[0.0], LOSS=[2],
                     SCS curve number CN=[76],
```

```
                    Pervious   surfaces: IAper=[5.0], SLPP=[2.1](%),
                                         LGP=[24], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.7](%),
                                         LGI=[69], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%------------------|-------------------------------------------------------------|
*%------------------|-------------------------------------------------------------|
* TOTAL FLOW FROM THE MALL MINOR SYSTEM AND CATCHMENT 4a
ADD HYD             IDsum=[8], NHYD=["TMLL4a"], IDs to add=[4+3]
*%------------------|-------------------------------------------------------------|
* ADD ROUTED FLOW FROM CATCHMENT 3c TO FLOW FROM THE HERITAGE SHOPPING MALL
* AND CATCHMENT 4A
ADD HYD             IDsum=[7], NHYD=["TMLL3c"], IDs to add=[8+5]
*%------------------|-------------------------------------------------------------|
* ROUTE TOTAL FLOW FROM THE HERITAGE SHOPPING MALL AND CATCHMENT 3c TO
* FLOW NODE 4
ROUTE PIPE          PTYPE=[2]rect,  IDout=[9], NHYD=["ML3CN4"], RNUMBER=[55],
                    PWIDTH=[1930](mm), PHEIGHT=[1220](mm),  PLNGTH=[405](m),
                    PROUGH=[0.013],  PSLOPE=[0.006](m/m), IDin=[7],
                    RDT=[2](min)
*%------------------|-------------------------------------------------------------|
* CATCHMENT 6a- INDUSTRIAL LAND USE
CALIB STANDHYD      ID=[7], NHYD=["CA6IND"], DT=[2.0](min), AREA=[3.04],
                    XIMP=[0.75], TIMP=[0.75], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.6](%),
                                         LGI=[87], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%------------------|-------------------------------------------------------------|
ROUTE RESERVOIR     IDout=[8],   NHYD=["C6APND"],  IDin=[7],
                    RDT=[2](min),
                         TABLE of ( OUTFLOW-STORAGE ] values
                                    (cms) - (ha-m)
                                  [ 0.000 ,  0.0000 ]
                                  [ 0.053 ,  0.0530 ]
                                  [ 0.096 ,  0.0655 ]
                                  [ 0.129 ,  0.0740 ]
                                  [ 0.175 ,  0.0850 ]
                                  [ 0.212 ,  0.0930 ]
                                  [ 0.250 ,  0.1000 ]
                                  [ 0.276 ,  0.1020 ]
                                  [  -1  ,     -1 ]  (max twenty pts)
                         IDovfl=[   ], NHYDovf=[   ]
*%------------------|-------------------------------------------------------------|
* TOTAL FLOW FLOW FROM MALL, 3c AND 6a
ADD HYD             IDsum=[1], NHYD=["ML436a"], IDs to add=[8+9]
*%------------------|-------------------------------------------------------------|
* TOTAL FLOW FLOW FROM MALL, 3c, 6a, 5, 6b, 7, 8, 11, FLOW NODE 3
ADD HYD             IDsum=[3], NHYD=["ML436b"], IDs to add=[2+1]
*%------------------|-------------------------------------------------------------|
*%
*%
*******************************************************************************
* TOTAL FLOW TO FLOW NODE 4 INCLUDING CATCHMENTS ("TND4" AND FLOW FROM
* THE HERITAGE SHOPPING MALL,CATCHMENT 3c AND ROUTED FLOW THROUGH THE EXSITING
* 1200 STM FROM FLODE NODE 3)
*%------------------|-------------------------------------------------------------|
ADD HYD             IDsum=[4], NHYD=["TND4"], IDs to add=[6+3]
*%------------------|-------------------------------------------------------------|
*%
*******************************************************************************
* ROUTE FLOW FROM FLOW NODE 4 TO FLOW NODE 5
ROUTE CHANNEL       IDout=[2], NHYD=["ND4ND5"], IDin=[4],
                    RDT=[2](min),
                    CHLGTH=[697](m),  CHSLOPE=[0.65](%),
```



```
                                FPSLOPE=[0.65](%),
                    SECNUM=[1],       NSEG=]3]
                    ( SEGROUGH, SEGDIST (m))=[0.035,8.37 -0.035,9.37 0.035,16.49]
                    ( DISTANCE (m), ELEVATION (m))=[ 0.00  ,  100.00 ]
                                                   [ 4.62  ,  98.77  ]
                                                   [ 8.37  ,  96.77  ]
                                                   [ 9.37  ,  96.77  ]
                                                   [ 4.62  ,  98.77  ]
                                                   [ 11.87 ,  98.48  ]
                                                   [ 16.49  , 100.00 ]

*%------------------|-------------------------------------------------------------|
* MILLER WASTE SYSTEMS CATCHMENT, EAST CATCHMENT
*% THE REPORT PREPARED BY W.G MILLS AND ASSOCIATES REPORT FOR THE MILLER WASTE
*% SYSTEMS SITE INDICATES A RUNOFF COEFFICIENT OF 0.54 FOR THE POST DEVELOPMENT
*% DRAINAGE CONDITION AND ALSO A DRAINAGE AREA OF 0.83ha. THIS MODEL REPRESENTS
*% A REVISED CATCHMENT AREA OF 1.26ha WHICH INCLUDES ADDITIONAL AREA TO THE EAST
*% BOUNDED BY THE FORMER CP RAIL EASEMENT AND ALSO REPRESENTS A HIGHER
*% IMPERVIOUS VALUE ASSUMING THAT ALL GRAVEL AREAS WILL BE PAVED IN THE FUTURE
*%
CALIB STANDHYD      ID=[3], NHYD=["MLLRE"], DT=[2.0](min), AREA=[1.26],
                    XIMP=[0.6], TIMP=[0.74], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.9](%),
                                         LGP=[26], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.7](%),
                                         LGI=[73], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%------------------|-------------------------------------------------------------|
* MILLER WASTE SYSTEM STORAGE CHANNEL, EAST CATCHMENT
*% ADDITIONAL POND VOLUME HAS BEEN PROVIDED TO MATCH ALLOWABLE RELEASE RATES
*% FOR THE MILLER WASTE SYSTEMS EAST CATCHMENT
ROUTE RESERVOIR     IDout=[4],   NHYD=["MLLRCE"],  IDin=[3],
                    RDT=[2](min),
                         TABLE of ( OUTFLOW-STORAGE ] values
                                    (cms) - (ha-m)
                                  [ 0.000 ,  0.0000 ]
                                  [ 0.057 ,  0.0019 ]
                                  [ 0.127 ,  0.0300 ]
                                  [   -1  ,     -1  ]  (max twenty pts)
                         IDovf=[   ], NHYDovf=[   ]
*%------------------|-------------------------------------------------------------|
*SHIFT FLOW FROM THE MILLER WASTE SYSTEMS EAST SITE TO THE OUTLET OF CATCHMENT 9
SHIFT HYD           IDout=[5], NHYD=["SHMLRE"], IDin=[4], TLAG=[18.8](min)
*%------------------|-------------------------------------------------------------|
* MILLER WASTE SYSTEMS CATCHMENT, WEST CATCHMENT
CALIB STANDHYD      ID=[6], NHYD=["MLLRW"], DT=[2.0](min), AREA=[1.73],
                    XIMP=[.82], TIMP=[0.9], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.35](%),
                                         LGP=[37], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.42](%),
                                         LGI=[120], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%------------------|-------------------------------------------------------------|
* MILLER WASTE SYSTEM STORAGE CHANNEL, WEST CATCHMENT
ROUTE RESERVOIR     IDout=[7],   NHYD=["MLLRCW"],  IDin=[6],
                    RDT=[2](min),
                         TABLE of ( OUTFLOW-STORAGE ) values
                                    (cms) - (ha-m)
                                  [ 0.000 ,  0.0000 ]
                                  [ 0.129 ,  0.0136 ]
                                  [ 0.288 ,  0.0420 ]
                                  [   -1  ,     -1  ]  (max twenty pts)
                         IDovf=[   ], NHYDovf=[   ]
*%------------------|-------------------------------------------------------------|
*SHIFT FLOW FROM THE MILLER WASTE SYSTEMS WEST SITE TO THE OUTLET OF CATCHMENT 9
```

```
SHIFT HYD           IDout=[8], NHYD=["SHMLRW"], IDin=[7], TLAG=[13.4](min)
*%-----------------|-------------------------------------------------------|
* CATCHMENT 9
CALIB STANDHYD      ID=[9], NHYD=["CA9"], DT=[2.0](min), AREA=[7.85],
                    XIMP=[0.42], TIMP=[0.43], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[75],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.6](%),
                                         LGP=[96], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.7](%),
                                         LGI=[207], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------|
* TOTAL FLOW FROM THE MILLER WASTE SYSTEMS SITE
ADD HYD             IDsum=[8], NHYD=["TOTMLR"], IDs to add=[8+5]
*%-----------------|-------------------------------------------------------|
* TOTAL FLOW FROM THE MILLER WASTE SYSTEMS SITE AND CATCHMENT 9
ADD HYD             IDsum=[3], NHYD=["T9MLR"], IDs to add=[9+8]
*%-----------------|-------------------------------------------------------|
* SHIFT FLOW FROM CATCHMENT 9 TO FLOW NODE 5
SHIFT HYD           IDout=[4], NHYD=["CA9"], IDin=[3], TLAG=[19.3](min)
*%-----------------|-------------------------------------------------------|
* CATCHMENT 10- INDUSTRIAL LAND USE
CALIB STANDHYD      ID=[1], NHYD=["CA10IN"], DT=[2.0](min), AREA=[17.87],
                    XIMP=[0.75], TIMP=[0.75], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.2](%),
                                         LGI=[427], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------|
ROUTE RESERVOIR     IDout=[5],   NHYD=["10PND"],  IDin=[1],
                    RDT=[2](min),
                         TABLE of ( OUTFLOW-STORAGE ) values
                                    (cms) - (ha-m)
                                  [ 0.000 ,  0.0000 ]
                                  [ 0.359 ,  0.2865 ]
                                  [ 0.660 ,  0.3555 ]
                                  [ 0.894 ,  0.3990 ]
                                  [ 1.215 ,  0.4515 ]
                                  [ 1.469 ,  0.4895 ]
                                  [ 1.729 ,  0.5280 ]
                                  [   -1  ,      -1 ]  (max twenty pts)
                              IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------|
* CATCHMENT 13
CALIB STANDHYD      ID=[6], NHYD=["CA13"], DT=[2.0](min), AREA=[7.15],
                    XIMP=[0.44], TIMP=[0.54], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[74],
                    Pervious   surfaces: IAper=[8.0], SLPP=[1.1](%),
                                         LGP=[175], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[0.6](%),
                                         LGI=[80], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------|
* CATCHMENT 14
CALIB STANDHYD      ID=[7], NHYD=["CA14"], DT=[2.0](min), AREA=[7.52],
                    XIMP=[0.32], TIMP=[0.35], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[74],
                    Pervious   surfaces: IAper=[8.0], SLPP=[1.1](%),
                                         LGP=[175], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.8](%),
                                         LGI=[111], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------|
* TOTAL FLOW FROM CATCHMENTS 10 AND 13
ADD HYD             IDsum=[8], NHYD=["T1013"], IDs to add=[5+6]
```



```
*%-----------------|-------------------------------------------------------|
* TOTAL FLOW FROM CATCHMENTS 10, 13, MILLER WASTE SYSTEMS AND CATCHMENT 9
ADD HYD             IDsum=[3], NHYD=["T14"], IDs to add=[8+4]
*%-----------------|-------------------------------------------------------|
* TOTAL FLOW FROM CATCHMENTS 10, 13, MILLER WASTE SYSTEMS, CATCHMENT 9
* AND CATCHMENT 14
ADD HYD             IDsum=[4], NHYD=["T91013"], IDs to add=[3+7]
*%-----------------|-------------------------------------------------------|
*%
*%
* TOTAL FLOW TO FLOW NODE 5 INCLUDING CATCHMENTS (9, 10, 13, 14 & Flow Node 4)
* ALSO INCLUDING THE MILLER WASTE SYSTEMS SITE
*%-----------------|-------------------------------------------------------|
ADD HYD             IDsum=[7], NHYD=["TND5"], IDs to add=[2+4]
*%-----------------|-------------------------------------------------------|
*%
*%
*%-----------------|-------------------------------------------------------|
**************************************************************************
* ROUTE FLOW FROM FLOW NODE 5 TO FLOW NODE 6
ROUTE CHANNEL       IDout=[8], NHYD=["ND5ND6"], IDin=[7],
                    RDT=[2](min),
                    CHLGTH=[578](m),  CHSLOPE=[1.64](%),
                                        FPSLOPE=[1.64](%),
                    SECNUM=[1],       NSEG=[3]
                    ( SEGROUGH, SEGDIST (m))=[0.05,2.98 -0.035,3.48 0.05,9.26] NSEG
times
                    ( DISTANCE (m), ELEVATION (m))=[   0  , 100.00 ]
                                                   [ 1.88 , 97.63  ]
                                                   [ 2.98 , 98.48  ]
                                                   [ 3.48 , 98.48  ]
                                                   [ 7.38 , 98.64  ]
                                                   [ 9.26 , 100.00 ]
*%-----------------|-------------------------------------------------------|
**************************************************************************
*%-----------------|-------------------------------------------------------|
* CATCHMENT 15 WEST- OPEN SPACE/ HAZARDLAND LAND USE
CALIB NASHYD        ID=[9], NHYD=["15WHZ"], DT=[2.0]min, AREA=[1.38],
                    DWF=[0.0],  CN/C=[74], IA=[8.0],
                    N=[3], TP=[0.25]hrs,
                    RAINFALL=[ ,  ,  ,  , ],  END=-1
*%-----------------|-------------------------------------------------------|
* CATCHMENT 15 WEST- RESIDENTIAL LAND USE
CALIB STANDHYD      ID=[1], NHYD=["15WRE"], DT=[2.0](min), AREA=[12.42],
                    XIMP=[0.30], TIMP=[0.55], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.8](%),
                                         LGI=[221], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------|
ROUTE RESERVOIR     IDout=[2],   NHYD=["15WPND"],  IDin=[1],
                    RDT=[2](min),
                         TABLE of ( OUTFLOW-STORAGE ) values
                                    (cms) - (ha-m)
                                  [ 0.000 ,  0.0000 ]
                                  [ 0.110 ,  0.1600 ]
                                  [ 0.204 ,  0.2180 ]
                                  [ 0.275 ,  0.2560 ]
                                  [ 0.372 ,  0.3055 ]
                                  [ 0.449 ,  0.3435 ]
                                  [ 0.524 ,  0.3810 ]
                                  [ 0.869 ,  0.3890 ]
                                  [   -1  ,      -1 ]  (max twenty pts)
                              IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------|
```

```
ADD HYD             IDsum=[3], NHYD=["T15W"], IDs to add=[2+9]
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 15 EAST- OPEN SPACE/ HAZARDLAND LAND USE
CALIB NASHYD        ID=[4], NHYD=["15EHZ"], DT=[2.0]min, AREA=[3.15],
                    DWF=[0.0],  CN/C=[74], IA=[8.0],
                    N=[3], TP=[0.25]hrs,
                    RAINFALL=[ ,  ,  ,  , ],  END=-1
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 15 EAST- INDUSTRIAL LAND USE
CALIB STANDHYD      ID=[5], NHYD=["15EIND"], DT=[2.0](min), AREA=[4.89],
                    XIMP=[0.75], TIMP=[0.75], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[2.0](%),
                                         LGI=[500], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
ROUTE RESERVOIR     IDout=[6],   NHYD=["15EPND"],  IDin=[5],
                    RDT=[2](min),
                          TABLE of ( OUTFLOW-STORAGE ) values
                                     (cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
                                [ 0.064 ,  0.0930 ]
                                [ 0.119 ,  0.1165 ]
                                [ 0.160 ,  0.1320 ]
                                [ 0.217 ,  0.1500 ]
                                [ 0.262 ,  0.1630 ]
                                [ 0.306 ,  0.1765 ]
                                [ 0.507 ,  0.1780 ]
                                [   -1  ,     -1 ]  (max twenty pts)
                          IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[7], NHYD=["T15E"], IDs to add=[4+6]
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[9], NHYD=["T15EW"], IDs to add=[7+3]
*%-----------------|-------------------------------------------------------------|
* UNION GAS 23rd STREET
CALIB STANDHYD      ID=[1], NHYD=["UNGAS"], DT=[2.0](min), AREA=[0.99],
                    XIMP=[0.22], TIMP=[0.22], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[74],
                    Pervious   surfaces: IAper=[5.0], SLPP=[3.3](%),
                                         LGP=[15], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.2](%),
                                         LGI=[90], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
ROUTE RESERVOIR     IDout=[2],   NHYD=["UNGPND"],  IDin=[1],
                    RDT=[2](min),
                          TABLE of ( OUTFLOW-STORAGE ) values
                                     (cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
                                [ 0.018 ,  0.0071 ]
                                [ 0.074 ,  0.0549 ]
                                [   -1  ,     -1  ]  (max twenty pts)
                          IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------------|
SHIFT HYD           IDout=[3], NHYD=["SHUNGS"], IDin=[2], TLAG=[16.34](min)
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[4], NHYD=["T15"], IDs to add=[9+3]
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 16- INDUSTRIAL LAND USE
CALIB STANDHYD      ID=[6], NHYD=["CA16I"], DT=[2.0](min), AREA=[26.59],
                    XIMP=[0.75], TIMP=[0.75], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
```



```
                    Impervious surfaces: IAimp=[2.0], SLPI=[1.1](%),
                                         LGI=[551], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
ROUTE RESERVOIR     IDout=[7],   NHYD=["15BPND"],  IDin=[6],
                    RDT=[2](min),
                          TABLE of ( OUTFLOW-STORAGE ) values
                                     (cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
                                [ 0.213 ,  0.6990 ]
                                [ 0.394 ,  0.8980 ]
                                [ 0.529 ,  1.0320 ]
                                [ 0.718 ,  1.1860 ]
                                [ 0.866 ,  1.3050 ]
                                [ 1.010 ,  1.4230 ]
                                [ 1.680 ,  1.4250 ]
                                [   -1  ,     -1 ]  (max twenty pts)
                          IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[9], NHYD=["T1516"], IDs to add=[7+4]
*%-----------------|-------------------------------------------------------------|
*******************************************************************************
*%
*TOTAL FLOW TO FLOW NODE 6 (15E, 15 WEST, 16 & Flow Node 5)
*%-----------------|-------------------------------------------------------------|
ADD HYD             IDsum=[3], NHYD=["TND6"], IDs to add=[8+9]
*%-----------------|-------------------------------------------------------------|
*%
*******************************************************************************
*%-----------------|-------------------------------------------------------------|
* ROUTE FLOW FROM FLOW NODE 6 TO FLOW NODE 8
ROUTE CHANNEL       IDout=[2], NHYD=["ND6ND8"], IDin=[3],
                    RDT=[2](min),
                    CHLGTH=[503](m),  CHSLOPE=[1.29](%),
                                        FPSLOPE=[1.29](%),
                    SECNUM=[1],       NSEG=[3]
                    ( SEGROUGH, SEGDIST (m))=[0.05,3.94 -0.035,6.44 0.05,9.88]
                    ( DISTANCE (m), ELEVATION (m))=[    0 , 100.00 ]
                                                   [ 2.44 ,  98.58 ]
                                                   [ 3.94 ,  97.69 ]
                                                   [ 4.94 ,  97.50 ]
                                                   [ 6.44 ,  97.71 ]
                                                   [ 7.44 ,  98.64 ]
                                                   [ 9.88 , 100.00 ]
*%-----------------|-------------------------------------------------------------|
*%-----------------|-------------------------------------------------------------|
* CATCHMENT 17- WEST RESIDENTIAL LAND USE
CALIB STANDHYD      ID=[5], NHYD=["CA17RW"], DT=[2.0](min), AREA=[6.93],
                    XIMP=[0.30], TIMP=[0.55], DWF=[0.0], LOSS=[2],
                    SCS curve number CN=[76],
                    Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                         LGP=[30], MNP=[0.25], SCP=[0](hrs),
                    Impervious surfaces: IAimp=[2.0], SLPI=[3.8](%),
                                         LGI=[263], MNI=[0.013], SCI=[0](hrs),
                    RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%-----------------|-------------------------------------------------------------|
ROUTE RESERVOIR     IDout=[3],   NHYD=["17WPND"],  IDin=[5],
                    RDT=[2](min),
                          TABLE of ( OUTFLOW-STORAGE ) values
                                     (cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
                                [ 0.176 ,  0.0460 ]
                                [ 0.311 ,  0.0640 ]
                                [ 0.409 ,  0.0750 ]
                                [ 0.547 ,  0.0895 ]
                                [ 0.653 ,  0.0995 ]
```

```
                                [ 0.763 ,  0.1090 ]
                                [   -1  ,      -1 ]  (max twenty pts)
                          IDovf=[   ], NHYDovf=[   ]
*%----------------|-------------------------------------------------------------|
CALIB NASHYD       ID=[5], NHYD=["17WOS"], DT=[2.0]min, AREA=[2.11],
                   DWF=[0.0],  CN/C=[79], IA=[8.0],
                   N=[3], TP=[0.17]hrs,
                   RAINFALL=[ ,  ,  ,  , ],  END=-1
*%----------------|-------------------------------------------------------------|
ADD HYD            IDsum=[4], NHYD=["T17W"], IDs to add=[3+5]
*%----------------|-------------------------------------------------------------|
* CATCHMENT 17- EAST RESIDENTIAL LAND USE
CALIB STANDHYD     ID=[6], NHYD=["CA17RE"], DT=[2.0](min), AREA=[3.51],
                   XIMP=[0.30], TIMP=[0.55], DWF=[0.0], LOSS=[2],
                   SCS curve number CN=[76],
                   Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                        LGP=[30], MNP=[0.25], SCP=[0](hrs),
                   Impervious surfaces: IAimp=[2.0], SLPI=[2.4](%),
                                        LGI=[246], MNI=[0.013], SCI=[0](hrs),
                   RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%----------------|-------------------------------------------------------------|
* CATCHMENT 17- EAST OPEN SPACE LAND USE
CALIB NASHYD       ID=[8], NHYD=["CA17OS"], DT=[2.0]min, AREA=[6.57],
                   DWF=[0.0],  CN/C=[79], IA=[8.0],
                   N=[3], TP=[0.17]hrs,
                   RAINFALL=[ ,  ,  ,  , ],  END=-1
*%----------------|-------------------------------------------------------------|
ADD HYD            IDsum=[9], NHYD=["T17E"], IDs to add=[8+6]
*%----------------|-------------------------------------------------------------|
ROUTE RESERVOIR    IDout=[1],   NHYD=["17EPND"],  IDin=[9],
                   RDT=[2](min),
                        TABLE of ( OUTFLOW-STORAGE ) values
                                 (cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
                                [ 0.257 ,  0.0200 [
                                [ 0.452 ,  0.0315 ]
                                [ 0.599 ,  0.0380 ]
                                [ 0.796 ,  0.0465 ]
                                [ 0.951 ,  0.0535 ]
                                [ 1.111 ,  0.0595 ]
                                [    -1 ,      -1 ]  (max twenty pts)
                          IDovf=[   ], NHYDovf=[   ]
*%----------------|-------------------------------------------------------------|
* TOTAL FLOW FROM CATCHMENTS 17 EAST AND 17 WEST
ADD HYD            IDsum=[9], NHYD=["T17RES"], IDs to add=[1+4]
*%----------------|-------------------------------------------------------------|
*********************************************************************************
*%
* TOTAL FLOW TO FLOW NODE 8 INCLUDING(17 EAST, 17 WEST AND  FLOW NODE 6)
*%----------------|-------------------------------------------------------------|
ADD HYD            IDsum=[5], NHYD=["TND8"], IDs to add=[2+9]
*%----------------|-------------------------------------------------------------|
*%
*********************************************************************************
*%----------------|-------------------------------------------------------------|
* ROUTE FLOW FROM FLOW NODE 8 TO FLOW NODE 9
ROUTE CHANNEL      IDout=[6], NHYD=["ND8ND9"], IDin=[5],
                   RDT=[2](min),
                   CHLGTH=[405](m),  CHSLOPE=[1.48](%),
                                       FPSLOPE=[1.48](%),
                   SECNUM=[1],       NSEG=[3]
                   ( SEGROUGH, SEGDIST (m))=[0.05,8 -0.045,12 0.05,18] NSEG times
                   ( DISTANCE (m), ELEVATION (m))=[  0 , 92.86 ]
                                                  [  8 , 89.65 ]
                                                  [ 10 , 89.48 ]
                                                  [ 12 , 89.60 ]
                                                  [ 18 , 91.63 ]
```



```
*%----------------|-------------------------------------------------------------|
* CATCHMENT 18
CALIB NASHYD       ID=[7], NHYD=["CA18"], DT=[2.0]min, AREA=[12.02],
                   DWF=[0.0],  CN/C=[78], IA=[8.1],
                   N=[3], TP=[.41]hrs,
                   RAINFALL=[ ,  ,  ,  , ],  END=-1
*%----------------|-------------------------------------------------------------|
*%
*%
* TOTAL FLOW TO FLOW NODE 9 (17 & FLOW NODE 8)
*%----------------|-------------------------------------------------------------|
ADD HYD            IDsum=[8], NHYD=["TND9"], IDs to add=[7+6]
*%----------------|-------------------------------------------------------------|
*%
*%
*%----------------|-------------------------------------------------------------|
* ROUTE FLOW FROM FLOW NODE 9 TO FLOW NODE 10
ROUTE CHANNEL      IDout=[9], NHYD=["ND9ND10"], IDin=[8],
                   RDT=[2](min),
                   CHLGTH=[505](m),  CHSLOPE=[1.90](%),
                                       FPSLOPE=[1.90](%),
                   SECNUM=[1],       NSEG=[3]
                   ( SEGROUGH, SEGDIST (m))=[0.05,1.05 -0.045,10.5 0.05,13] NSEG
times
                   ( DISTANCE (m), ELEVATION (m))=[  0.00 , 82.56 ]
                                                  [  1.05 , 81.60 ]
                                                  [  6.50 , 81.31 ]
                                                  [ 10.50 , 81.77 ]
                                                  [ 13.00 , 82.53 ]
*%----------------|-------------------------------------------------------------|
* CATCHMENT 19
CALIB NASHYD       ID=[1], NHYD=["CA18"], DT=[2.0]min, AREA=[1.18],
                   DWF=[0.0],  CN/C=[74], IA=[8.0],
                   N=[3], TP=[0.17]hrs,
                   RAINFALL=[ ,  ,  ,  , ],  END=-1
*%----------------|-------------------------------------------------------------|
* CATCHMENT 20- INDUSTRIAL LAND USE
CAL1B STANDHYD     ID=[2], NHYD=["CA19IN"], DT=[2.0](min), AREA=[7.54],
                   XIMP=[0.75], TIMP=[0.75], DWF=[0.0], LOSS=[2],
                   SCS curve number CN=[76],
                   Pervious   surfaces: IAper=[5.0], SLPP=[1.7](%),
                                        LGP=[30], MNP=[0.25], SCP=[0](hrs),
                   Impervious surfaces: IAimp=[2.0], SLPI=[0.5](%),
                                        LGI=[194], MNI=[0.013], SCI=[0](hrs),
                   RAINFALL=[ ,  ,  ,  , ] ,  END=-1
*%----------------|-------------------------------------------------------------|
ADD HYD            IDsum=[3], NHYD=["T1819"], IDs to add=[1+2]
*%----------------|-------------------------------------------------------------|
*%
*********************************************************************************
* TOTAL FLOW TO FLOW NODE 10 (18, 19 & FLOW NODE 9)
*%----------------|-------------------------------------------------------------|
ADD HYD            IDsum=[4], NHYD=["TND10"], IDs to add=[3+9]
*%----------------|-------------------------------------------------------------|
*********************************************************************************
*% 5-year SCS Type-II Storm Distribution for Owen Sound, ON. (6-hour)
START              TZERO=[0.0],  METOUT=[2],  NSTORM=[1],  NRUN=[2]
*                  ["5SCS6.stm"] <--storm filename
*%----------------|-------------------------------------------------------------|
*% 10-year SCS Type-II Storm Distribution for Owen Sound, ON. (6-hour)
START              TZERO=[0.0],  METOUT=[2],  NSTORM=[1],  NRUN=[3]
*                  ["10SCS6.stm"] <--storm filename
*%----------------|-------------------------------------------------------------|
*% 25-year SCS Type-II Storm Distribution for Owen Sound, ON. (6-hour)
START              TZERO=[0.0],  METOUT=[2],  NSTORM=[1],  NRUN=[4]
*                  ("25SCS6.stm"] <--storm filename
*%----------------|-------------------------------------------------------------|
```

```
*% 50-year SCS Type-II Storm Distribution for Owen Sound, ON. (6-hour)
START               TZERO=[0.0[,  METOUT=[2],  NSTORM=[1],  NRUN=[5]
*                   ["50SCS6.stm"] <--storm filename
*%-----------------|-------------------------------------------------------|
*% 100-year SCS Type-II Storm Distribution for Owen Sound, ON. (6-hour)
START               TZERO=[0.0],  METOUT=[2],  NSTORM=[1],  NRUN=[6]
*                   ["100SCS6.stm"] <--storm filename
*%-----------------|-------------------------------------------------------|
*% Timmins Regional Storm (12-hour)
START               TZERO=[0.0],  METOUT=[2],  NSTORM=[1],  NRUN=[7]
*                   ["12regtim.o89"] <--storm filename
*%-----------------|-------------------------------------------------------|
FINISH


ROUTE RESERVOIR     IDout=[1],   NHYD=["17EPND"],  IDin=[9],
                    RDT=[2](min),
                          TABLE of ( OUTFLOW-STORAGE ) values
                                     [cms) - (ha-m)
                                [ 0.000 ,  0.0000 ]
                                [ 0.257 ,  0.0200 ]
                                [ 0.452 ,  0.0315 ]
                                [ 0.599 ,  0.0380 ]
                                [ 0.796 ,  0.0465 ]
                                [ 0.951 ,  0.0535 ]
                                [ 1.111 ,  0.0595 ]
                                [    -1 ,      -1 ]  (max twenty pts)
                          IDovf=[   ], NHYDovf=[   ]
*%-----------------|-------------------------------------------------------|
```

```
================================================================================

 SSSSS  W   W  M   M  H   H  Y   Y  M   M   OOO        999   55555 ========
 S      W W W  MM MM  H   H   Y Y   MM MM  O   O      9   9  5     =========
 SSSSS  W W W  M M M  HHHHH    Y    M M M  O   O  ##  9   9  5     Ver.  3.1
     S  W W W  M   M  H   H    Y    M   M  O   O       9999  5555  Oct. 1997
 SSSSS   W W   M   M  H   H    Y    M   M   OOO           9      5 =========
                                                      9   9      5 # 3846413
      StormWater Management HYdrologic Model           999   5555  =========

 ********************************************************************************
 ************************** SWMHYMO-95w Ver/3.1 *********************************
 *******  A single event and continuous hydrologic simulation model  ********
 *******     based on the principles of HYMO and its successors      ********
 *******                 OTTHYMO-83 and OTTHYMO-89.                  ********
 ********************************************************************************
 ******* Distributed by:  J.F. Sabourin and Associates Inc.          ********
 *******                   Ottawa,  Ontario: (613) 727-5199          ********
 *******                   Gatineau, Quebec: (819) 243-6858          ********
 *******                   E-Mail: swmhymo@jfsa.Com                  ********
 ********************************************************************************

 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 +++++++ Licensed user: R. J Burnside and Associates                  +++++++
 +++++++                Stayner                SERIAL#:3846413       +++++++
 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

 ********************************************************************************
 *******          ++++++ PROGRAM ARRAY DIMENSIONS ++++++              ********
 *******          Maximum value for ID numbers  :     10             ********
 *******          Max. number of rainfall points:   5000             ********
 *******          Max. number of flow points    :   5000             ********
 ********************************************************************************

 *** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) ***
 ***------------------------------------------------------------------------***
 ***    ID:  Hydrograph IDentification numbers, (1-10).                   ***
 ***  NHYD:  Hydrograph reference numbers, (6 digits or characters).      ***
 ***  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.).    ***
 *** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or [m^3/s).      ***
 *** TpeakDate_hh:mm is the date and time of the peak flow.               ***
 ***  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).         ***
 ***  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).         ***
 ***    *:  see WARNING or NOTE message printed at end of run.            ***
 ***   **:  see  ERROR  message printed at end of run.                    ***
 ********************************************************************************
 ********************************************************************************

::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

 ********************************************************************************

 *********************   S U M M A R Y   O U T P U T   **********************
 ********************************************************************************
 *       DATE: 2007-06-13      TIME: 17:29:34      RUN COUNTER: 001235          *
 ********************************************************************************
 * Input   filename: C:\DOCUME~1\SWMHYMO\~1POND\6HR-SCS.TXT                     *
 * Output  filename: C:\DOCUME~1\SWMHYMO\~1POND\6HR-SCS.out                     *
 * Summary filename: C:\DOCUME~1\SWMHYMO\~1POND\6HR-SCS.sum                     *
 * User comments:                                                               *
 * 1:_____________________________________________________________________      *
 * 2:_____________________________________________________________________      *
 * 3:_____________________________________________________________________      *
 ********************************************************************************

*#*****************************************************************************
```



```
*#  Project Name: [Owen Sound Drainage Study]    Project Number: [MCG 10665]
*#  Date        : 04-12-2007
*#  Modeller    : [T.Lozon]
*#  Company     : R.J. Burnside and Associates
*#  License #   :  3846413
 RUN:COMMAND#
 001:0001--------------------------------------------------------------------------
     START
      [TZERO =     .00 hrs on        0]
      [METOUT=    2     (1=imperial, 2=metric output)]
      [NSTORM=    1 ]
      [NRUN  =    1 ]
 001:0002--------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  = 2-Year SCS Type-II Storm Distribution (6-hour) Owen Sound, O
      [SDT=30.00:SDUR=   6.50:PTOT= 37.20]
 001:0003--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:TRA7        1.82     .127 No_date    3:30   24.96 .671
      [XIMP=.60:TIMP=.60]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP= .50:LGP=  70.:MNP=.030:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 170.:MNI=.013:SCI=    .0]
 001:0004--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:A8          .28      .018 No_date    3:30   22.40 .602
      [XIMP=.50:TIMP=.50]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  82.:MNP=.030:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  82.:MNI=.013:SCI=    .0]
 001:0005--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 01:A8          .28      .018 No_date    3:30   22.40  n/a
  *  [RDT= 2.00] out<- 02:Pipe16       .28      .018 No_date    3:30   22.40  n/a
      [L/S/n=   15./2.000/.013]
      {Vmax= 1.227:Dmax=  .062}
      [Din=  .53:Dused=  .53}
 001:0006--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:Pipe16      .28      .018 No_date    3:30   22.40  n/a
                      + 04:TRA7       1.82     .127 No_date    3:30   24.96  n/a
      [DT= 2.00]  SUM=  03:TRA8       2.10     .145 No_date    3:30   24.62  n/a
 001:0007--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD     04:A9          .28      .011 No_date    3:30   12.15 .327
      [XIMP=.10:TIMP=.10]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=4.10:LGP= 100.:MNP=.030:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=4.10:LGI=  35.:MNI=.013:SCI=    .0]
 001:0008--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 04:A9          .28      .011 No_date    3:30   12.15  n/a
  *  [RDT= 2.00] out<- 05:Pipe17       .28      .011 No_date    3:30   12.15  n/a
      [L/S/n=   29./2.000/.013]
      {Vmax=  .987:Dmax=  .046}
      [Din=  .53:Dused=  .53}
 001:0009--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            05:Pipe17      .28      .011 No_date    3:30   12.15  n/a
                      + 03:TRA8       2.10     .145 No_date    3:30   24.62  n/a
      [DT= 2.00]  SUM=  06:TRA9       2.38     .156 No_date    3:30   23.13  n/a
 001:0010--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     07:A10         .59      .039 No_date    3:30   22.40 .602
      [XIMP=.50:TIMP=.50]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=    .0]
      [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  73.:MNI=.013:SCI=    .0]
 001:0011--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 07:A10         .59      .039 No_date    3:30   22.40  n/a
  *  [RDT= 2.00] out<- 08:Pipe18       .59      .039 No_date    3:30   22.40  n/a
      [L/S/n=   60./2.000/.013]
      {Vmax= 1.555:Dmax=  .089}
      [Din=  .53:Dused=  .53}
```

```
001:0012---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe18       .59     .039 No_date    3:30   22.40  n/a
                      + 06:TRA9        2.38     .156 No_date    3:30   23.13  n/a
     [DT= 2.00]  SUM=  09:TRA10       2.97     .194 No_date    3:30   22.99  n/a
001:0013---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:A11          .82     .054 No_date    3:30   22.40 .602
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  67.:MNI=.013:SCI=    .0]
001:0014---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A11          .82     .054 No_date    3:30   22.40  n/a
 *   [RDT= 2.00] out<- 02:Pipe19       .82     .054 No_date    3:30   22.40  n/a
     [L/S/n=   59./2.000/.013]
     (Vmax= 1.721:Dmax=  .105)
     [Din=  .53:Dused=  .53]
001:0015---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:TRA10       2.97     .194 No_date    3:30   22.99  n/a
                      + 02:Pipe19       .82     .054 No_date    3:30   22.40  n/a
     [DT= 2.00]  SUM=  03:TRA11       3.80     .248 No_date    3:30   22.86  n/a
001:0016---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      04:A12          .30     .013 No_date    3:30   14.72 .396
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  58.:MNI=.013:SCI=    .0]
001:0017---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A12          .30     .013 No_date    3:30   14.72  n/a
 *   [RDT= 2.00] out<- 05:Pipe20       .30     .013 No_date    3:30   14.72  n/a
     [L/S/n=   69./2.000/.013]
     (Vmax= 1.089:Dmax=  .052)
     [Din=  .53:Dused=  .53]
001:0018---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe20       .30     .013 No_date    3:30   14.72  n/a
                      + 03:TRA11       3.80     .248 No_date    3:30   22.86  n/a
     [DT= 2.00]  SUM=  06:TRA12       4.10     .261 No_date    3:30   22.26  n/a
001:0019---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:A13          .31     .016 No_date    3:30   17.28 .464
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  68.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  68.:MNI=.013:SCI=    .0]
001:0020---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:A13          .31     .016 No_date    3:30   17.28  n/a
 *   [RDT= 2.00] out<- 08:Pipe21       .31     .016 No_date    3:30   17.28  n/a
     [L/S/n=   53./1.900/.013]
     (Vmax= 1.168:Dmax=  .059)
     [Din=  .53:Dused=  .53]
001:0021---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe21       .31     .016 No_date    3:30   17.28  n/a
                      + 06:TRA12       4.10     .261 No_date    3:30   22.26  n/a
     [DT= 2.00]  SUM=  09:TRA13       4.41     .277 No_date    3:30   21.91  n/a
001:0022---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:A14          .22     .012 No_date    3:30   17.28 .464
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=    .0]
001:0023---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A14          .22     .012 No_date    3:30   17.28  n/a
 *   [RDT= 2.00] out<- 02:Pipe22       .22     .012 No_date    3:30   17.28  n/a
     [L/S/n=   52./1.250/.013]
     (Vmax=  .848:Dmax=  .053)
     [Din=  .60:Dused=  .60]
001:0024---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:Pipe22       .22     .012 No_date    3:30   17.28  n/a
                      + 09:TRA13       4.41     .277 No_date    3:30   21.91  n/a
```



```
     [DT= 2.00]  SUM=  03:TRA14       4.63     .289 No_date    3:30   21.69  n/a
001:0025---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      04:A15          .24     .012 No_date    3:30   17.28 .464
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=    .0]
001:0026---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A15          .24     .012 No_date    3:30   17.28  n/a
 *   [RDT= 2.00] out<- 05:Pipe23       .24     .012 No_date    3:30   17.28  n/a
     [L/S/n=   10./ .500/.013]
     (Vmax=  .600:Dmax=  .063)
     [Din=  .75:Dused=  .75]
001:0027---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe23       .24     .012 No_date    3:30   17.28  n/a
                      + 03:TRA14       4.63     .289 No_date    3:30   21.69  n/a
     [DT= 2.00]  SUM=  06:TRA15       4.87     .301 No_date    3:30   21.47  n/a
001:0028---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:A101         3.00     .227 No_date    3:30   26.04 .700
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 150.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 150.:MNI=.013:SCI=    .0]
001:0029---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A101         3.00     .227 No_date    3:30   26.04  n/a
 *   [RDT= 2.00] out<- 02:Pipe24       3.00     .226 No_date    3:30   26.04  n/a
     [L/S/n=   60./ .750/.013]
     (Vmax= 1.748:Dmax=  .231)
     [Din=  .90:Dused=  .90]
001:0030---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:Pipe24       3.00     .226 No_date    3:30   26.04  n/a
 *   [RDT= 2.00] out<- 03:Pipe25       3.00     .226 No_date    3:30   26.04  n/a
     [L/S/n=   36./ .400/.013]
     (Vmax= 1.416:Dmax=  .292)
     [Din=  .75:Dused=  .75]
001:0031---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             06:TRA15       4.87     .301 No_date    3:30   21.47  n/a
                      + 03:Pipe25       3.00     .226 No_date    3:30   26.04  n/a
     [DT= 2.00]  SUM=  04:TRA101       7.87     .527 No_date    3:30   23.22  n/a
001:0032---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:TRA101       7.87     .527 No_date    3:30   23.22  n/a
 *   [RDT= 2.00] out<- 05:Pipe26       7.87     .526 No_date    3:30   23.22  n/a
     [L/S/n=   51./ .650/.013]
     (Vmax= 2.107:Dmax=  .374)
     [Din=  .90:Dused=  .90]
001:0033---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:A102         .74     .069 No_date    3:30   30.62 .823
     [XIMP=.80:TIMP=.80]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  70.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=    .0]
001:0034---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A102         .74     .069 No_date    3:30   30.62  n/a
 *   [RDT= 2.00] out<- 02:Pipe27       .74     .069 No_date    3:30   30.62  n/a
     [L/S/n=   42./1.000/.013]
     (Vmax= 1.492:Dmax=  .164)
     [Din=  .38:Dused=  .38]
001:0035---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe26       7.87     .526 No_date    3:30   23.22  n/a
                      + 02:Pipe27        .74     .069 No_date    3:30   30.62  n/a
     [DT= 2.00]  SUM=  04:8thSTR       8.61     .595 No_date    3:30   23.85  n/a
001:0036---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:8thSTR       8.61     .595 No_date    3:30   23.85  n/a
 *   [RDT= 2.00] out<- 05:Pipe28       8.61     .593 No_date    3:30   23.85  n/a
     [L/S/n=   88./3.260/.013]
     (Vmax= 3.961:Dmax=  .279)
     [Din=  .75:Dused=  .75]
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001:0037--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     06:A103        2.55      .205 No_date    3:30   26.04 .700
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=    .0]
001:0038--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:A103        2.55      .205 No_date    3:30   26.04  n/a
 *   [RDT= 2.00] out<- 07:Pipe29      2.55      .205 No_date    3:30   26.04  n/a
     [L/S/n=   65./2.800/.013]
     {Vmax= 2.754:Dmax=  .167}
     [Din=  .75:Dused=  .75]
001:0039--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe28      8.61      .593 No_date    3:30   23.85  n/a
                    +   07:Pipe29      2.55      .205 No_date    3:30   26.04  n/a
     [DT= 2.00]  SUM=   08:OSCVIb     11.16      .798 No_date    3:30   24.35  n/a
001:0040--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:AREAB       6.03      .464 No_date    3:30   26.04 .700
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.50:LGP=  55.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI= 320.:MNI=.013:SCI=    .0]
001:0041--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:AREAB       6.03      .464 No_date    3:30   26.04  n/a
                    +   08:OSCVIb     11.16      .798 No_date    3:30   24.35  n/a
     [DT= 2.00]  SUM=   01:OSCVI      17.19     1.262 No_date    3:30   24.95  n/a
001:0042--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:OSCVI      17.19     1.262 No_date    3:30   24.95  n/a
 *   [RDT= 2.00] out<- 02:Pipe30     17.19     1.258 No_date    3:30   24.95  n/a
     [L/S/n=  150./2.600/.013]
     {Vmax= 4.417:Dmax=  .413}
     [Din=  .90:Dused=  .90]
001:0043--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:HOSP        4.59      .200 No_date    3:32   16.89 .454
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 130.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 300.:MNI=.013:SCI=    .0]
001:0044--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:HOSP        4.59      .200 No_date    3:32   16.89  n/a
 *   [RDT= 2.00] out<- 04:Pipe31      4.59      .200 No_date    3:32   16.89  n/a
     [L/S/n=  118./6.000/.013]
     {Vmax= 3.821:Dmax=  .180}
     [Din=  .38:Dused=  .38]
001:0045--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:Pipe31      4.59      .200 No_date    3:32   16.89  n/a
 *   [RDT= 2.00] out<- 05:Pipe32      4.59      .201 No_date    3:34   16.89  n/a
     [L/S/n=   70./1.100/.013]
     [Vmax= 2.007:Dmax=  .229}
     [Din=  .60:Dused=  .60]
001:0046--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:Pipe30     17.19     1.258 No_date    3:30   24.95  n/a
                    +   05:Pipe32      4.59      .201 No_date    3:34   16.89  n/a
     [DT= 2.00]  SUM=   06:TOTHSP     21.78     1.450 No_date    3:30   23.25  n/a
001:0047--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:TOTHSP     21.78     1.450 No_date    3:30   23.25  n/a
 *   [RDT= 2.00] out<- 07:Pipe33     21.78     1.448 No_date    3:30   23.25  n/a
     [L/S/n=   60./4.300/.013]
     {Vmax= 5.517:Dmax=  .388}
     [Din=  .90:Dused=  .90]
001:0048--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:104         4.20      .321 No_date    3:30   26.04 .700
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 300.:MNI=.013:SCI=    .0]
001:0049--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD             07:Pipe33     21.78     1.448 No_date    3:30   23.25  n/a
                    +   08:104         4.20      .321 No_date    3:30   26.04  n/a
     [DT= 2.00]  SUM=   09:TOT104     25.98     1.769 No_date    3:30   23.70  n/a
001:0050--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 09:TOT104     25.98     1.769 No_date    3:30   23.70  n/a
 *   [RDT= 2.00] out<- 01:Pipe34     25.98     1.765 No_date    3:30   23.70  n/a
     [L/S/n=   59./1.300/.013]
     {Vmax= 3.702:Dmax=  .526}
     [Din= 1.20:Dused= 1.20]
001:0051--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:105         3.59      .195 No_date    3:30   18.03 .485
     [XIMP=.25:TIMP=.25]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=4.00:LGP= 200.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=4.00:LGI= 200.:MNI=.013:SCI=    .0]
001:0052--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:105         3.59      .195 No_date    3:30   18.03  n/a
 *   [RDT= 2.00] out<- 03:Pipe35      3.59      .194 No_date    3:30   18.03  n/a
     [L/S/n=   70./ .750/.013]
     [Vmax= 1.736:Dmax=  .251}
     [Din=  .60:Dused=  .60]
001:0053--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe35      3.59      .194 No_date    3:30   18.03  n/a
 *   [RDT= 2.00] out<- 04:Pipe36      3.59      .192 No_date    3:32   18.03  n/a
     [L/S/n=  120./1.050/.013]
     {Vmax= 1.956:Dmax=  .228}
     [Din=  .60:Dused=  .60]
001:0054--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:105.2       2.44      .135 No_date    3:30   19.18 .516
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 300.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 300.:MNI=.013:SCI=    .0]
001:0055--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:Pipe36      3.59      .192 No_date    3:32   18.03  n/a
                    +   05:105.2       2.44      .135 No_date    3:30   19.18  n/a
     [DT= 2.00]  SUM=   06:T105.2      6.03      .326 No_date    3:30   18.50  n/a
001:0056--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:T105.2      6.03      .326 No_date    3:30   18.50  n/a
 *   [RDT= 2.00] out<- 07:Pipe37      6.03      .324 No_date    3:30   18.50  n/a
     [L/S/n=   75./2.800/.013]
     {Vmax= 3.218:Dmax=  .232}
     [Din=  .60:Dused=  .60]
001:0057--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:Pipe37      6.03      .324 No_date    3:30   18.50  n/a
 *   [RDT= 2.00] out<- 08:Pipe38      6.03      .324 No_date    3:32   18.50  n/a
     [L/S/n=   69./2.200/.013]
     {Vmax= 2.945:Dmax=  .247}
     [Din=  .60:Dused=  .60]
001:0058--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     09:AREA A      2.34      .103 No_date    3:30   13.56 .364
     [XIMP=.01:TIMP=.10]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=8.00:LGP= 190.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  10.:MNI=.013:SCI=    .0]
001:0059--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:AREA A      2.34      .103 No_date    3:30   13.56  n/a
                    +   08:Pipe38      6.03      .324 No_date    3:32   18.50  n/a
     [DT= 2.00]  SUM=   02:OSCVIA      8.37      .427 No_date    3:32   17.11  n/a
001:0060--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:OSCVIA      8.37      .427 No_date    3:32   17.11  n/a
 *   [RDT= 2.00] out<- 03:Pipe39      8.37      .428 No_date    3:32   17.11  n/a
     [L/S/n=   50./3.000/.013]
     {Vmax= 3.550:Dmax=  .264}
     [Din=  .60:Dused=  .60]
001:0061--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe39      8.37      .428 No_date    3:32   17.11  n/a
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 *   [RDT= 2.00] out<- 04:Pipe40     8.37     .429 No_date    3:32   17.11  n/a
     [L/S/n=   30./1.000/.013]
     {Vmax= 2.353:Dmax=  .322}
     [Din=  .75:Dused=  .75]
001:0062--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:Pipe34    25.98    1.765 No_date    3:30   23.70  n/a
                     + 04:Pipe40     8.37     .429 No_date    3:32   17.11  n/a
     [DT= 2.00]  SUM=  05:16&10     34.35    2.188 No_date    3:30   22.10  n/a
001:0063--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16&10     34.35    2.188 No_date    3:30   22.10  n/a
 *   [RDT= 2.00] out<- 06:Pipe41    34.35    2.179 No_date    3:30   22.10  n/a
     [L/S/n=   80./ .600/.013]
     {Vmax= 2.921:Dmax=  .659}
     [Din= 1.50:Dused= 1.50]
001:0064--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:999        4.20     .114 No_date    3:30   16.89 .454
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP= 350.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI=  60.:MNI=.013:SCI=   .0]
001:0065--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:999        4.20     .114 No_date    3:30   16.89  n/a
 *   [RDT= 2.00] out<- 08:Pipe42     4.20     .113 No_date    3:30   16.89  n/a
     [L/S/n=  100./3.000/.013]
     {Vmax= 2.519:Dmax=  .147}
     [Din=  .45:Dused=  .45]
001:0066--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe42     4.20     .113 No_date    3:30   16.89  n/a
                     + 06:Pipe41    34.35    2.179 No_date    3:30   22.10  n/a
     [DT= 2.00]  SUM=  09:TRA999    38.55    2.292 No_date    3:30   21.53  n/a
001:0067--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:106        1.95     .083 No_date    3:30   16.89 .454
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  50.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI=  50.:MNI=.013:SCI=   .0]
001:0068--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TRA999    38.55    2.292 No_date    3:30   21.53  n/a
                     + 01:106        1.95     .083 No_date    3:30   16.89  n/a
     [DT= 2.00]  SUM=  02:TRA106    40.50    2.375 No_date    3:30   21.30  n/a
001:0069--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 02:TRA106    40.50    2.375 No_date    3:30   21.30  n/a
     [RDT= 2.00] out<- 03:CHAN-1    40.50    2.350 No_date    3:32   21.30  n/a
     [L/S/n=  150./2.000/.035]
     {Vmax= 1.861:Dmax=  .397}
001:0070--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:CHAN-1    40.50    2.350 No_date    3:32   21.30  n/a
     [RDT= 2.00] out<- 04:POND1     40.50     .259 No_date    5:06   21.30  n/a
     {MxStoUsed=.5943E+00}
001:0071--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:107.1       .96     .058 No_date    3:30   21.47 .577
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
001:0072--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:107.1       .96     .058 No_date    3:30   21.47  n/a
 *   [RDT= 2.00] out<- 06:Pipe43      .96     .057 No_date    3:30   21.47  n/a
     [L/S/n=   43./2.400/.013]
     {Vmax= 1.979:Dmax=  .129}
     [Din=  .30:Dused=  .30]
001:0073--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:107.2       .30     .018 No_date    3:30   21.47 .577
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
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001:0074--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:107.2       .30     .018 No_date    3:30   21.47  n/a
                     + 06:Pipe43      .96     .057 No_date    3:30   21.47  n/a
     [DT= 2.00]  SUM=  08:T107.2     1.26     .075 No_date    3:30   21.47  n/a
001:0075--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 08:T107.2     1.26     .075 No_date    3:30   21.47  n/a
 *   [RDT= 2.00] out<- 09:Pipe44     1.26     .075 No_date    3:30   21.47  n/a
     [L/S/n=   65./2.200/.013]
     {Vmax= 2.040:Dmax=  .138}
     [Din=  .38:Dused=  .38]
001:0076--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:107.3       .30     .018 No_date    3:30   21.47 .577
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
001:0077--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:107.3       .30     .018 No_date    3:30   21.47  n/a
                     + 09:Pipe44     1.26     .075 No_date    3:30   21.47  n/a
     [DT= 2.00]  SUM=  02:T107.3     1.56     .093 No_date    3:30   21.47  n/a
001:0078--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:T107.3     1.56     .093 No_date    3:30   21.47  n/a
 *   [RDT= 2.00] out<- 03:Pipe45     1.56     .093 No_date    3:30   21.47  n/a
     [L/S/n=   55./1.900/.013]
     {Vmax= 2.017:Dmax=  .149}
     [Din=  .45:Dused=  .45]
001:0079--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:Pipe45     1.56     .093 No_date    3:30   21.47  n/a
                     + 04:POND1     40.50     .259 No_date    5:06   21.30  n/a
     [DT= 2.00]  SUM=  05:16+10     42.06     .281 No_date    3:30   21.31  n/a
001:0080--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16+10     42.06     .281 No_date    3:30   21.31  n/a
 *   [RDT= 2.00] out<- 06:Pipe46    42.06     .279 No_date    3:32   21.31  n/a
     [L/S/n=   94./ .600/.013]
     {Vmax= 1.664:Dmax=  .246}
     [Din= 1.20:Dused= 1.20]
001:0081--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:900         7.25     .539 No_date    3:30   26.04 .700
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 100.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 100.:MNI=.013:SCI=   .0]
001:0082--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:900         7.25     .539 No_date    3:30   26.04  n/a
     [RDT= 2.00] out<- 08:POND2      7.25     .386 No_date    3:32   26.04  n/a
     {MxStoUsed=.3624E-01}
001:0083--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 08:POND2      7.25     .386 No_date    3:32   26.04  n/a
 *   [RDT= 2.00] out<- 09:Pipe47     7.25     .383 No_date    3:34   26.04  n/a
     [L/S/n=  250./ .400/.013]
     {Vmax= 1.631:Dmax=  .396}
     [Din=  .75:Dused=  .75]
001:0084--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:Pipe47     7.25     .383 No_date    3:34   26.04  n/a
                     + 06:Pipe46    42.06     .279 No_date    3:32   21.31  n/a
     [DT= 2.00]  SUM=  01:TRP2      49.31     .661 No_date    3:32   22.01  n/a
001:0085--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:108         1.10     .066 No_date    3:30   21.47 .577
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
001:0086--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:TRP2       49.31     .661 No_date    3:32   22.01  n/a
                     + 02:108        1.10     .066 No_date    3:30   21.47  n/a
     [DT= 2.00]  SUM=  03:T108       50.41     .719 No_date    3:30   21.99  n/a
001:0087--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ROUTE PIPE      -> 03:T108      50.41      .719 No_date    3:30   21.99  n/a
 *   [RDT= 2.00] out<- 04:Pipe48     50.41      .715 No_date    3:30   21.99  n/a
     [L/S/n=   60./ .580/.013]
     [Vmax= 2.156:Dmax=  .401]
     [Din= 1.20:Dused= 1.20]
001:0088--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:Pipe48     50.41      .715 No_date    3:30   21.99  n/a
 *   [RDT= 2.00] out<- 05:Pipe49     50.41      .716 No_date    3:32   21.99  n/a
     [L/S/n=   59./ .630/.013]
     [Vmax= 2.220:Dmax=  .392]
     [Din= 1.20:Dused= 1.20]
001:0089--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:ANDPET      7.70      .412 No_date    3:30   20.67 .556
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.300:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 100.:MNI=.013:SCI=   .0]
001:0090--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:ANDPET      7.70      .412 No_date    3:30   20.67  n/a
     [RDT= 2.00] out<- 07:ANDPND      7.70      .315 No_date    3:32   20.67  n/a
    [MxStoUsed=.2952E-01]
001:0091--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:ANDPND      7.70      .315 No_date    3:32   20.67  n/a
 *   [RDT= 2.00] out<- 08:Pipe50      7.70      .314 No_date    3:34   20.67  n/a
     [L/S/n=   59./ .200/.013]
     [Vmax= 1.193:Dmax=  .433]
     [Din=  .75:Dused=  .75]
001:0092--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe49     50.41      .716 No_date    3:32   21.99  n/a
                   +   08:Pipe50      7.70      .314 No_date    3:34   20.67  n/a
     [DT= 2.00]  SUM=  09:TOTAND     58.11     1.030 No_date    3:32   21.82  n/a
001:0093--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:RETRES       .90      .062 No_date    3:30   24.45 .657
     [XIMP=.63:TIMP=.63]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  20.:MNP=.300:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI=  65.:MNI=.013:SCI=   .0]
001:0094--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:RETRES       .90      .062 No_date    3:30   24.45  n/a
     [RDT= 2.00] out<- 02:POND3        .90      .036 No_date    3:34   24.44  n/a
    [MxStoUsed=.7535E-02]
001:0095--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TOTAND     58.11     1.030 No_date    3:32   21.82  n/a
                   +   02:POND3        .90      .036 No_date    3:34   24.44  n/a
     [DT= 2.00]  SUM=  05:TOT16      59.01     1.065 No_date    3:32   21.86  n/a
001:0096--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:WLMRT      20.72     1.401 No_date    3:30   26.11 .702
     [XIMP=.65:TIMP=.65]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=4.20:LGP= 130.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 371.:MNI=.013:SCI=   .0]
001:0097--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:WEXT        1.58      .053 No_date    3:32    9.88 .266
     [CN= 78.0: N= 3.00]
     [Tp=  .11:DT= 2.00]
001:0098--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:WLMRT      20.72     1.401 No_date    3:30   26.11  n/a
                   +   07:WEXT        1.58      .053 No_date    3:32    9.88  n/a
     ]DT= 2.00]  SUM=  08:TWLMRT     22.30     1.454 No_date    3:30   24.96  n/a
001:0099--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 08:TWLMRT     22.30     1.454 No_date    3:30   24.96  n/a
     [RDT= 2.00] out<- 09:WMRTPD     22.30      .542 No_date    3:54   24.96  n/a
    [MxStoUsed=.2368E+00]
001:0100--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 09:WMRTPD     22.30      .542 No_date    3:54   24.96  n/a
     [RDT= 2.00] out<- 01:16thST     22.30      .542 No_date    3:56   24.96  n/a
     [L/S/n=  180./ .580/.013]
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     [Vmax= 2.013:Dmax=  .365]
     [Din= 1.05:Dused= 1.05]
001:0101--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CDNT        3.62      .361 No_date    3:30   33.90 .911
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  33.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.30:LGI= 273.:MNI=.013:SCI=   .0]
001:0102--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:TOT16      59.01     1.065 No_date    3:32   21.86  n/a
                   +   01:16thST     22.30      .542 No_date    3:56   24.96  n/a
     ]DT= 2.00]  SUM=  04:TN1        81.31     1.501 No_date    3:40   22.71  n/a
001:0103--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:CDNT        3.62      .361 No_date    3:30   33.90  n/a
                   +   04:TN1        81.31     1.501 No_date    3:40   22.71  n/a
     [DT= 2.00]  SUM=  03:TND1       84.93     1.829 No_date    3:32   23.19  n/a
001:0104--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:TND1       84.93     1.829 No_date    3:32   23.19  n/a
     [RDT= 2.00] out<- 04:ND1ND2     84.93     1.826 No_date    3:32   23.19  n/a
     [L/S/n=  150./ .730/.013]
     [Vmax= 2.661:Dmax=  .354]
     [HGTH= 1.22:WDTH= 1.93]
001:0105--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA2COM      4.44      .431 No_date    3:30   32.60 .876
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=6.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.40:LGI= 149.:MNI=.013:SCI=   .0]
001:0106--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA2COM      4.44      .431 No_date    3:30   32.60  n/a
     [RDT= 2.00] out<- 05:C2APND      4.44      .091 No_date    4:04   32.60  n/a
    [MxStoUsed=.8824E-01]
001:0107--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:C2APND      4.44      .091 No_date    4:04   32.60  n/a
     [LAG=  5.7 min]<- 06:SH2a        4.44      .091 No_date    4:08   32.60  n/a
001:0108--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA3a        5.11      .338 No_date    3:30   24.71 .664
     [XIMP=.55:TIMP=.66]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=7.10:LGP=  28.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 248.:MNI=.013:SCI=   .0]
001:0109--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:CA3a        5.11      .338 No_date    3:30   24.71  n/a
     [LAG=  2.5 min]<- 08:SH3a        5.11      .338 No_date    3:32   24.71  n/a
001:0110--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA3b        2.82      .249 No_date    3:30   30.26 .814
     [XIMP=.81:TIMP=.81]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  40.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .80:LGI= 118.:MNI=.013:SCI=   .0]
001:0111--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:ANDCOM      1.10      .111 No_date    3:30   33.90 .911
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  10.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 115.:MNI=.013:SCI=   .0]
001:0112--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:ANDCOM      1.10      .111 No_date    3:30   33.90  n/a
     [RDT= 2.00] out<- 02:ACPND       1.10      .103 No_date    3:32   33.90  n/a
    [MxStoUsed=.6227E-02]
001:0113--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:ND1ND2      84.93     1.826 No_date    3:32   23.19  n/a
                   +   06:SH2a        4.44      .091 No_date    4:08   32.60  n/a
     [DT= 2.00]  SUM=  03:T2a        89.37     1.898 No_date    3:32   23.65  n/a
001:0114--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T2a        89.37     1.898 No_date    3:32   23.65  n/a
                   +   08:SH3a        5.11      .338 No_date    3:32   24.71  n/a
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     [DT= 2.00]  SUM=  04:T2b       94.48    2.236 No_date    3:32   23.71  n/a
001:0115--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:T2b       94.48    2.236 No_date    3:32   23.71  n/a
                   +   02:ACPND      1.10      .103 No_date    3:32   33.90  n/a
     [DT= 2.00]  SUM=  05:T2c       95.58    2.339 No_date    3:32   23.83  n/a
001:0116--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T2c       95.58    2.339 No_date    3:32   23.83  n/a
                   +   09:CA3b       2.82      .249 No_date    3:30   30.26  n/a
     [DT= 2.00]  SUM=  03:TND2      98.40    2.561 No_date    3:32   24.01  n/a
001:0117--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    03:TND2      98.40    2.561 No_date    3:32   24.01  n/a
       Major System /  04:CHAN        .00      .000 No_date    0:00     .00  n/a
       Minor System \  05:PIPE      98.40    2.561 No_date    3:32   24.01  n/a
001:0118--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:PIPE      98.40    2.561 No_date    3:32   24.01  n/a
     [RDT= 2.00] out<- 06:N3N4P     98.40    2.496 No_date    3:34   24.01  n/a
     [L/S/n=  640./ .600/.013]
     [Vmax= 2.996:Dmax=  .849]
     [Din= 1.20:Dused= 1.20]
001:0119--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:CHAN        .00      .000 No_date    0:00     .00  n/a
001:0120--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA1COM     5.30      .511 No_date    3:30   32.60 .876
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI= 146.:MNI=.013:SCI=    .0]
001:0121--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA1IND    10.99      .908 No_date    3:30   28.71 .772
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.10:LGI= 234.:MNI=.013:SCI=    .0]
001:0122--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:CA1COM     5.30      .511 No_date    3:30   32.60  n/a
                   +   05:CA1IND    10.99      .908 No_date    3:30   28.71  n/a
     [DT= 2.00]  SUM=  09:TOT1      16.29    1.419 No_date    3:30   29.97  n/a
001:0123--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 09:TOT1      16.29    1.419 No_date    3:30   29.97  n/a
     [RDT= 2.00] out<- 08:C1PND     16.29      .080 No_date    5:34   29.97  n/a
    {MxStoUsed=.4014E+00}
001:0124--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:C1PND     16.29      .080 No_date    5:34   29.97  n/a
     [LAG= 34.4 min]<- 09:SH1       16.29      .080 No_date    6:08   29.97  n/a
001:0125--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:N2N3C       .00      .000 No_date    0:00     .00  n/a
                   +   09:SH1       16.29      .080 No_date    6:08   29.97  n/a
     [DT= 2.00]  SUM=  02:T3a       16.29      .080 No_date    6:08   29.97  n/a
001:0126--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA2IND     5.15      .426 No_date    3:30   28.71 .772
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.20:LGI= 227.:MNI=.013:SCI=    .0]
001:0127--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA2IND     5.15      .426 No_date    3:30   28.71  n/a
     [RDT= 2.00] out<- 08:C2BPND     5.15      .063 No_date    4:18   28.70  n/a
    {MxStoUsed=.9849E-01}
001:0128--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:C2BPND     5.15      .063 No_date    4:18   28.70  n/a
     [LAG= 37.7 min]<- 03:SH2b       5.15      .063 No_date    4:54   28.70  n/a
001:0129--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA4       14.53      .432 No_date    3:38   17.80 .478
     [XIMP=.25:TIMP=.44]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  73.:MNP=.250:SCP=    .0[
     [Impervious   area: IAimp=2.00:SLPI= .30:LGI= 466.:MNI=.013:SCI=    .0]
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001:0130--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T3a       16.29      .080 No_date    6:08   29.97  n/a
                   +   03:SH2b       5.15      .063 No_date    4:54   28.70  n/a
     [DT= 2.00]  SUM=  01:T3a       21.44      .141 No_date    5:14   29.67  n/a
001:0131--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:T3a       21.44      .141 No_date    5:14   29.67  n/a
                   +   04:CA4       14.53      .432 No_date    3:38   17.80  n/a
     [DT= 2.00]  SUM=  03:T3b       35.97      .455 No_date    3:38   24.87  n/a
001:0132--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:MALL      13.24      .917 No_date    3:32   30.10 .809
     [XIMP=.63:TIMP=.89]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.30:LGP= 120.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI= .20:LGI= 293.:MNI=.013:SCI=    .0]
001:0133--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:MALL      13.24      .917 No_date    3:32   30.10  n/a
       Major System /  02:CHAN        .30      .130 No_date    3:32   30.10  n/a
       Minor System \  04:PIPE      12.94      .787 No_date    3:24   30.10  n/a
001:0134--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T3b       35.97      .455 No_date    3:38   24.87  n/a
                   +   02:CHAN        .30      .130 No_date    3:32   30.10  n/a
     [DT= 2.00]  SUM=  05:TND3      36.27      .575 No_date    3:34   24.91  n/a
001:0135--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND3      36.27      .575 No_date    3:34   24.91  n/a
     [RDT= 2.00] out<- 07:ND3ND4    36.27      .507 No_date    3:38   24.91  n/a
     [L/S/n=  390./ .650/.035]
     [Vmax=  .744:Dmax=  .207]
001:0136--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA5       15.85      .569 No_date    3:30   17.43 .469
     [XIMP=.32:TIMP=.47]
     [LOSS= 2 :CN= 69.0]
     [Pervious     area: IAper=5.00:SLPP=1.50:LGP= 103.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.40:LGI= 289.:MNI=.013:SCI=    .0]
001:0137--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA5       15.85      .569 No_date    3:30   17.43  n/a
     [LAG=  5.9 min]<- 09:SH5       15.85      .569 No_date    3:34   17.43  n/a
001:0138--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:CA6       32.10      .682 No_date    3:34   16.60 .446
     [XIMP=.20:TIMP=.40]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=  .70:LGP= 135.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=  .70:LGI= 539.:MNI=.013:SCI=    .0]
001:0139--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA6       32.10      .682 No_date    3:34   16.60  n/a
                   +   09:SH5       15.85      .569 No_date    3:34   17.43  n/a
     [DT= 2.00]  SUM=  02:T56ND3    47.95    1.251 No_date    3:34   16.88  n/a
001:0140--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA7        2.90      .102 No_date    3:30   15.47 .416
     [XIMP=.33:TIMP=.38]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper=6.50:SLPP=  .60:LGP=  82.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=  .40:LGI= 130.:MNI=.013:SCI=    .0]
001:0141--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:CA7        2.90      .102 No_date    3:30   15.47  n/a
     [LAG=  6.6 min]<- 01:SH7        2.90      .102 No_date    3:36   15.47  n/a
001:0142--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA8        8.01      .668 No_date    3:30   29.57 .795
     [XIMP=.73:TIMP=.84]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  60.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI=  95.:MNI=.013:SCI=    .0]
001:0143--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:CA8        8.01      .668 No_date    3:30   29.57  n/a
     [LAG= 21.3 min]<- 08:SH8        8.01      .668 No_date    3:50   29.57  n/a
001:0144--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA11       4.18      .144 No_date    3:32   17.28 .465
     [XIMP=.28:TIMP=.36]
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     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 270.:MNI=.013:SCI=   .0]
001:0145--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:SH7        2.90     .102 No_date    3:36   15.47  n/a
                     + 08:SH8        8.01     .668 No_date    3:50   29.57  n/a
     [DT= 2.00]  SUM=  05:T7811a    10.91     .729 No_date    3:38   25.82  n/a
001:0146--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T7811a    10.91     .729 No_date    3:38   25.82  n/a
                     + 09:CA11       4.18     .144 No_date    3:32   17.28  n/a
     [DT= 2.00]  SUM=  03:T7811b    15.09     .858 No_date    3:36   23.45  n/a
001:0147--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T7811b    15.09     .858 No_date    3:36   23.45  n/a
                     + 02:T56ND3    47.95    1.251 No_date    3:34   16.88  n/a
     [DT= 2.00]  SUM=  05:T7811     63.04    2.107 No_date    3:34   18.45  n/a
001:0148--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:ND3ND4    36.27     .507 No_date    3:38   24.91  n/a
                     + 05:T7811     63.04    2.107 No_date    3:34   18.45  n/a
     [DT= 2.00]  SUM=  02:T56781    99.31    2.568 No_date    3:36   20.81  n/a
001:0149--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA3c       1.14     .063 No_date    3:30   21.40 .575
     [XIMP=.45:TIMP=.50]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.50:LGI=  80.:MNI=.013:SCI=   .0]
001:0150--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:CA3c       1.14     .063 No_date    3:30   21.40  n/a
     [RDT= 2.00] out<- 05:3cPIPE     1.14     .061 No_date    3:30   21.40  n/a
     [L/S/n=  240./ .200/.013]
     [Vmax=  .787:Dmax=  .195]
     [Din=  .60:Dused=  .60]
001:0151--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA4a       1.86     .159 No_date    3:30   29.23 .786
     [XIMP=.75:TIMP=.80]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  24.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  69.:MNI=.013:SCI=   .0]
001:0152--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:PIPE      12.94     .787 No_date    3:24   30.10  n/a
                     + 03:CA4a       1.86     .159 No_date    3:30   29.23  n/a
     [DT= 2.00]  SUM=  08:TMLL4a    14.80     .946 No_date    3:30   29.99  n/a
001:0153--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TMLL4a    14.80     .946 No_date    3:30   29.99  n/a
                     + 05:3cPIPE     1.14     .061 No_date    3:30   21.40  n/a
     [DT= 2.00]  SUM=  07:TMLL3c    15.94    1.007 No_date    3:30   29.38  n/a
001:0154--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:TMLL3c    15.94    1.007 No_date    3:30   29.38  n/a
     [RDT= 2.00] out<- 09:ML3CN4    15.94    1.003 No_date    3:30   29.38  n/a
     [L/S/n=  405./ .600/.013]
     [Vmax= 2.045:Dmax=  .255]
     [HGTH= 1.22:WDTH= 1.93]
001:0155--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA6IND     3.04     .250 No_date    3:30   28.71 .772
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  87.:MNI=.013:SCI=   .0]
001:0156--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA6IND     3.04     .250 No_date    3:30   28.71  n/a
     [RDT= 2.00] out<- 08:C6APND     3.04     .052 No_date    4:06   28.70  n/a
     [MxStoUsed=.5239E-01]
001:0157--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:C6APND     3.04     .052 No_date    4:06   28.70  n/a
                     + 09:ML3CN4    15.94    1.003 No_date    3:30   29.38  n/a
     [DT= 2.00]  SUM=  01:ML436a    18.98    1.045 No_date    3:30   29.27  n/a
001:0158--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T56781    99.31    2.568 No_date    3:36   20.81  n/a
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                     + 01:ML436a    18.98    1.045 No_date    3:30   29.27  n/a
     [DT= 2.00]  SUM=  03:ML436b   118.29    3.577 No_date    3:34   22.17  n/a
001:0159--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:N3N4P     98.40    2.496 No_date    3:34   24.01  n/a
                     + 03:ML436b   118.29    3.577 No_date    3:34   22.17  n/a
     [DT= 2.00]  SUM=  04:TND4     216.69    6.074 No_date    3:34   23.01  n/a
001:0160--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:TND4     216.69    6.074 No_date    3:34   23.01  n/a
     [RDT= 2.00) out<- 02:ND4ND5   216.69    5.820 No_date    3:38   23.01  n/a
     [L/S/n=  697./ .650/.035]
     [Vmax= 2.103:Dmax= 1.296]
001:0161--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:MLLRE      1.26     .096 No_date    3:30   26.48 .712
     [XIMP=.60:TIMP=.74]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.90:LGP=  26.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  73.:MNI=.013:SCI=   .0]
001:0162--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:MLLRE      1.26     .096 No_date    3:30   26.48  n/a
     [RDT= 2.00] out<- 04:MLLRCE     1.26     .066 No_date    3:34   26.48  n/a
     [MxStoUsed=.5568E-02]
001:0163--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 04:MLLRCE     1.26     .066 No_date    3:34   26.48  n/a
     [LAG= 18.8 min]<- 05:SHMLRE     1.26     .066 No_date    3:52   26.48  n/a
001:0164--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:MLLRW      1.73     .157 No_date    3:30   31.56 .849
     [XIMP=.82:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.35:LGP=  37.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .42:LGI= 120.:MNI=.013:SCI=   .0]
001:0165--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:MLLRW      1.73     .157 No_date    3:30   31.56  n/a
     [RDT= 2.00] out<- 07:MLLRCW     1.73     .121 No_date    3:34   31.56  n/a
     [MxStoUsed=.1283E-01]
001:0166--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:MLLRCW     1.73     .121 No_date    3:34   31.56  n/a
     [LAG= 13.4 min]<- 08:SHMLRW     1.73     .121 No_date    3:46   31.56  n/a
001:0167--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA9        7.85     .362 No_date    3:30   20.02 .538
     [XIMP=.42:TIMP=.43]
     [LOSS= 2 :CN= 75.0]
     [Pervious     area: IAper=5.00:SLPP=1.60:LGP=  96.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.70:LGI= 207.:MNI=.013:SCI=   .0]
001:0168--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TOTMLR     1.73     .121 No_date    3:46   31.56  n/a
                     + 05:SHMLRE     1.26     .066 No_date    3:52   26.48  n/a
     [DT= 2.00]  SUM=  08:TOTMLR     2.99     .186 No_date    3:48   29.42  n/a
001:0169--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:CA9        7.85     .362 No_date    3:30   20.02  n/a
                     + 08:TOTMLR     2.99     .186 No_date    3:48   29.42  n/a
     [DT= 2.00]  SUM=  03:T9MLR     10.84     .496 No_date    3:30   22.61  n/a
001:0170--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:T9MLR     10.84     .496 No_date    3:30   22.61  n/a
     [LAG= 19.3 min]<- 04:CA9       10.84     .496 No_date    3:48   22.61  n/a
001:0171--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:CA10IN     17.87    1.402 No_date    3:30   28.71 .772
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.20:LGI= 427.:MNI=.013:SCI=   .0]
001:0172--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:CA10IN     17.87    1.402 No_date    3:30   28.71  n/a
     [RDT= 2.00] out<- 05:10PND     17.87     .358 No_date    4:08   28.71  n/a
     [MxStoUsed=.2860E+00]
001:0173--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA13       7.15     .337 No_date    3:30   20.54 .552
     [XIMP=.44:TIMP=.54]
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     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  80.:MNI=.013:SCI=   .0]
001:0174--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA14       7.52     .257 No_date    3:30   16.43 .442
     [XIMP=.32:TIMP=.35]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 111.:MNI=.013:SCI=   .0]
001:0175--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:10PND     17.87     .358 No_date    4:08   28.71  n/a
                   +   06:CA13       7.15     .337 No_date    3:30   20.54  n/a
     [DT= 2.00]  SUM=  08:T1013     25.02     .579 No_date    3:30   26.37  n/a
001:0176--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:T1013     25.02     .579 No_date    3:30   26.37  n/a
                   +   04:CA9       10.84     .496 No_date    3:48   22.61  n/a
     [DT= 2.00]  SUM=  03:T14       35.86     .936 No_date    3:48   25.24  n/a
001:0177--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T14       35.86     .936 No_date    3:48   25.24  n/a
                   +   07:CA14       7.52     .257 No_date    3:30   16.43  n/a
     [DT= 2.00]  SUM=  04:T91013    43.38    1.180 No_date    3:30   23.71  n/a
001:0178--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:ND4ND5   216.69    5.820 No_date    3:38   23.01  n/a
                   +   04:T91013    43.38    1.180 No_date    3:30   23.71  n/a
     [DT= 2.00]  SUM=  07:TND5     260.07    6.749 No_date    3:38   23.12  n/a
001:0179--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 07:TND5     260.07    6.749 No_date    3:38   23.12  n/a
     [RDT= 2.00] out<- 08:ND5ND6   260.07    6.582 No_date    3:42   23.12  n/a
     [L/S/n=  578./1.640/.035]
     {Vmax= 1.659:Dmax= 1.396}
001:0180--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       09:15WHZ      1.38     .023 No_date    3:40    7.20 .194
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
001:0181--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:15WRE     12.42     .630 No_date    3:30   20.01 .538
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 221.:MNI=.013:SCI=   .0]
001:0182--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:15WRE     12.42     .630 No_date    3:30   20.01  n/a
     [RDT= 2.00] out<- 02:15WPND    12.42     .109 No_date    4:40   20.01  n/a
     {MxStoUsed=.1580E+00}
001:0183--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:15WPND    12.42     .109 No_date    4:40   20.01  n/a
                   +   09:15WHZ      1.38     .023 No_date    3:40    7.20  n/a
     [DT= 2.00]  SUM=  03:T15W      13.80     .117 No_date    4:14   18.73  n/a
001:0184--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       04:15EHZ      3.15     .052 No_date    3:40    7.20 .194
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
001:0185--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:15EIND     4.89     .386 No_date    3:30   28.71 .772
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0[
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 500.:MNI=.013:SCI=   .0]
001:0186--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 05:15EIND     4.89     .386 No_date    3:30   28.71  n/a
     [RDT= 2.00] out<- 06:15EPND     4.89     .063 No_date    4:24   28.70  n/a
     {MxStoUsed=.9144E-01}
001:0187--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:15EHZ      3.15     .052 No_date    3:40    7.20  n/a
                   +   06:15EPND     4.89     .063 No_date    4:24   28.70  n/a
     [DT= 2.00]  SUM=  07:T15E       8.04     .105 No_date    3:44   20.28  n/a
001:0188--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
```



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    ADD HYD            07:T15E       8.04     .105 No_date    3:44   20.28  n/a
                   +   03:T15W      13.80     .117 No_date    4:14   18.73  n/a
     [DT= 2.00]  SUM=  09:T15EW     21.84     .212 No_date    4:02   19.30  n/a
001:0189--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:UNGAS       .99     .039 No_date    3:30   14.40 .387
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  15.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.20:LGI=  90.:MNI=.013:SCI=   .0]
001:0190--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:UNGAS       .99     .039 No_date    3:30   14.40  n/a
     [RDT= 2.00] out<- 02:UNGPND      .99     .015 No_date    4:00   14.40  n/a
     {MxStoUsed=.5839E-02}
001:0191--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 02:UNGPND      .99     .015 No_date    4:00   14.40  n/a
     [LAG= 16.3 min]<- 03:SHUNGS      .99     .015 No_date    4:16   14.40  n/a
001:0192--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:T15EW     21.84     .212 No_date    4:02   19.30  n/a
                   +   03:SHUNGS      .99     .015 No_date    4:16   14.40  n/a
     [DT= 2.00]  SUM=  04:T15       22.83     .227 No_date    4:04   19.09  n/a
001:0193--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA16I      26.59    2.006 No_date    3:30   28.71 .772
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 551.:MNI=.013:SCI=   .0]
001:0194--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:CA16I      26.59    2.006 No_date    3:30   28.71  n/a
     [RDT= 2.00] out<- 07:15BPND     26.59     .178 No_date    5:14   28.70  n/a
     {MxStoUsed=.5841E+00}
001:0195--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:15BPND    26.59     .178 No_date    5:14   28.70  n/a
                   +   04:T15       22.83     .227 No_date    4:04   19.09  n/a
     [DT= 2.00]  SUM=  09:T1516     49.42     .388 No_date    4:12   24.26  n/a
001:0196--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:ND5ND6   260.07    6.582 No_date    3:42   23.12  n/a
                   +   09:T1516     49.42     .388 No_date    4:12   24.26  n/a
     [DT= 2.00]  SUM=  03:TND6     309.49    6.924 No_date    3:42   23.31  n/a
001:0197--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 03:TND6     309.49    6.924 No_date    3:42   23.31  n/a
     [RDT= 2.00] out<- 02:ND6ND8   309.49    6.865 No_date    3:46   23.31  n/a
     [L/S/n=  503./1.290/.035]
     {Vmax= 2.376:Dmax=  .947}
001:0198--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA17RW      6.93     .355 No_date    3:30   20.01 .538
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.80:LGI= 263.:MNI=.013:SCI=   .0]
001:0199--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 05:CA17RW      6.93     .355 No_date    3:30   20.01  n/a
     [RDT= 2.00] out<- 03:17WPND      6.93     .176 No_date    3:52   20.01  n/a
     {MxStoUsed=.4595E-01}
001:0200--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:17WOS       2.11     .054 No_date    3:34    8.82 .237
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
001:0201--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:17WPND      6.93     .176 No_date    3:52   20.01  n/a
                   +   05:17WOS       2.11     .054 No_date    3:34    8.82  n/a
     [DT= 2.00]  SUM=  04:T17W        9.04     .215 No_date    3:40   17.40  n/a
001:0202--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA17RE      3.51     .179 No_date    3:30   20.01 .538
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.40:LGI= 246.:MNI=.013:SCI=   .0]
```

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001:0203---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        08:CA17OS      6.57     .167 No_date    3:34    8.82 .237
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
001:0204---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:CA17OS      6.57     .167 No_date    3:34    8.82  n/a
                      + 06:CA17RE      3.51     .179 No_date    3:30   20.01  n/a
     [DT= 2.00]  SUM=  09:T17E        10.08     .335 No_date    3:32   12.71  n/a
001:0205---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 09:T17E        10.08     .335 No_date    3:32   12.71  n/a
     [RDT= 2.00] out<- 01:17EPND      10.08     .258 No_date    3:42   12.71  n/a
    {MxStoUsed=.2012E-01}
001:0206---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:17EPND     10.08     .258 No_date    3:42   12.71  n/a
                      + 04:T17W        9.04     .215 No_date    3:40   17.40  n/a
     [DT= 2.00]  SUM=  09:T17RES      19.12     .473 No_date    3:42   14.93  n/a
001:0207---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:ND6ND8    309.49    6.865 No_date    3:46   23.31  n/a
                      + 09:T17RES      19.12     .473 No_date    3:42   14.93  n/a
     [DT= 2.00]  SUM=  05:TND8       328.61    7.329 No_date    3:46   22.82  n/a
001:0208---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND8       328.61    7.329 No_date    3:46   22.82  n/a
     [RDT= 2.00] out<- 06:ND8ND9     328.61    7.274 No_date    3:48   22.82  n/a
     [L/S/n=  405./1.480/.045]
     {Vmax= 1.842:Dmax=  .780}
001:0209---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        07:CA18       12.02     .175 No_date    3:54    8.41 .226
     [CN= 78.0: N= 3.00]
     [Tp=  .41:DT= 2.00]
001:0210---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:CA18       12.02     .175 No_date    3:54    8.41  n/a
                      + 06:ND8ND9     328.61    7.274 No_date    3:48   22.82  n/a
     [DT= 2.00]  SUM=  08:TND9       340.63    7.445 No_date    3:48   22.31  n/a
001:0211---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 08:TND9       340.63    7.445 No_date    3:48   22.31  n/a
     [RDT= 2.00] out<- 09:ND9ND1     340.63    7.369 No_date    3:52   22.31  n/a
     [L/S/n=  505./1.900/.045]
     {Vmax= 1.743:Dmax=  .622}
001:0212---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:CA18        1.18     .024 No_date    3:34    7.20 .194
     [CN= 74.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
001:0213---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:CA19IN      7.54     .608 No_date    3:30   28.71 .772
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 194.:MNI=.013:SCI=    .0]
001:0214---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:CA18        1.18     .024 No_date    3:34    7.20  n/a
                      + 02:CA19IN      7.54     .608 No_date    3:30   28.71  n/a
     [DT= 2.00]  SUM=  03:T1819        8.72     .630 No_date    3:30   25.80  n/a
001:0215---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T1819       8.72     .630 No_date    3:30   25.80  n/a
                      + 09:ND9ND1     340.63    7.369 No_date    3:52   22.31  n/a
     [DT= 2.00]  SUM=  04:TND10      349.35    7.592 No_date    3:52   22.40  n/a
 ** END OF RUN :   1

*******************************************************************************



RUN:COMMAND#
002:0216---------------------------------------------------------------------
    START
```



```
     (TZERO =    .00 hrs on        0)
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 ]
     [NRUN  =   2 ]
*#*****************************************************************************
*#  Project Name: [Owen Sound Drainage Study]    Project Number: [MCG 10665]
*#  Date        : 04-12-2007
*#  Modeller    : [T.Lozon]
*#  Company     : R.J. Burnside and Associates
*#  License #   :  3846413
002:0218---------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  = 5-Year SCS Type-II Storm Distribution (6-hour) Owen Sound, O
     [SDT=30.00:SDUR=   6.50:PTOT= 48.30]
002:0219---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      04:TRA7        1.82     .174 No_date    3:30   34.07 .705
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP= .50:LGP=  70.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 170.:MNI=.013:SCI=    .0]
002:0220---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:A8           .28     .026 No_date    3:30   31.02 .642
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  82.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  82.:MNI=.013:SCI=    .0]
002:0221---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A8           .28     .026 No_date    3:30   31.02  n/a
 *   [RDT= 2.00] out<- 02:Pipe16       .28     .026 No_date    3:30   31.02  n/a
     [L/S/n=   15./2.000/.013]
     {Vmax= 1.355:Dmax=  .073}
     [Din=  .53:Dused=  .53]
002:0222---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:Pipe16      .28     .026 No_date    3:30   31.02  n/a
                      + 04:TRA7       1.82     .174 No_date    3:30   34.07  n/a
     [DT= 2.00]  SUM=  03:TRA8       2.10     .200 No_date    3:30   33.67  n/a
002:0223---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A9           .28     .018 No_date    3:30   18.79 .389
     [XIMP=.10:TIMP=.10]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=4.10:LGP= 100.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI=  35.:MNI=.013:SCI=    .0]
002:0224---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:A9           .28     .018 No_date    3:30   18.79  n/a
 *   [RDT= 2.00] out<- 05:Pipe17       .28     .017 No_date    3:30   18.79  n/a
     [L/S/n=   29./2.000/.013]
     {Vmax= 1.214:Dmax=  .060}
     [Din=  .53:Dused=  .53]
002:0225---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe17      .28     .017 No_date    3:30   18.79  n/a
                      + 03:TRA8       2.10     .200 No_date    3:30   33.67  n/a
     [DT= 2.00]  SUM=  06:TRA9       2.38     .217 No_date    3:30   31.89  n/a
002:0226---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:A10          .59     .055 No_date    3:30   31.02 .642
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  73.:MNI=.013:SCI=    .0]
002:0227---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:A10          .59     .055 No_date    3:30   31.02  n/a
 *   [RDT= 2.00] out<- 08:Pipe18       .59     .054 No_date    3:30   31.02  n/a
     [L/S/n=   60./2.000/.013]
     {Vmax= 1.726:Dmax=  .106}
     [Din=  .53:Dused=  .53]
002:0228---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe18      .59     .054 No_date    3:30   31.02  n/a
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                  +  06:TRA9        2.38      .217 No_date    3:30   31.89  n/a
     [DT= 2.00]  SUM=  09:TRA10       2.97      .272 No_date    3:30   31.72  n/a
002:0229--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:A11         .82      .076 No_date    3:30   31.02 .642
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  67.:MNI=.013:SCI=    .0]
002:0230--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A11         .82      .076 No_date    3:30   31.02  n/a
 *   [RDT= 2.00] out<- 02:Pipe19       .82      .076 No_date    3:30   31.02  n/a
     [L/S/n=   59./2.000/.013]
     {Vmax= 1.902:Dmax=  .125}
     [Din=  .53:Dused=  .53]
002:0231--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TRA10       2.97      .272 No_date    3:30   31.72  n/a
                  +  02:Pipe19       .82      .076 No_date    3:30   31.02  n/a
     [DT= 2.00]  SUM=  03:TRA11       3.80      .348 No_date    3:30   31.57  n/a
002:0232--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      04:A12         .30      .020 No_date    3:30   21.85 .452
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  58.:MNI=.013:SCI=    .0]
002:0233--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A12         .30      .020 No_date    3:30   21.85  n/a
 *   [RDT= 2.00] out<- 05:Pipe20       .30      .020 No_date    3:30   21.85  n/a
     [L/S/n=   69./2.000/.013]
     {Vmax= 1.254:Dmax=  .064}
     [Din=  .53:Dused=  .53]
002:0234--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe20       .30      .020 No_date    3:30   21.85  n/a
                  +  03:TRA11       3.80      .348 No_date    3:30   31.57  n/a
     [DT= 2.00]  SUM=  06:TRA12       4.10      .368 No_date    3:30   30.86  n/a
002:0235--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:A13         .31      .024 No_date    3:30   24.90 .516
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  68.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  68.:MNI=.013:SCI=    .0]
002:0236--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:A13         .31      .024 No_date    3:30   24.90  n/a
 *   [RDT= 2.00] out<- 08:Pipe21       .31      .023 No_date    3:30   24.90  n/a
     [L/S/n=   53./1.900/.013]
     {Vmax= 1.290:Dmax=  .070}
     [Din=  .53:Dused=  .53]
002:0237--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe21       .31      .023 No_date    3:30   24.90  n/a
                  +  06:TRA12       4.10      .368 No_date    3:30   30.86  n/a
     [DT= 2.00]  SUM=  09:TRA13       4.41      .391 No_date    3:30   30.44  n/a
002:0238--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:A14         .22      .018 No_date    3:30   24.90 .516
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=    .0]
002:0239--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A14         .22      .018 No_date    3:30   24.90  n/a
 *   [RDT= 2.00] out<- 02:Pipe22       .22      .017 No_date    3:30   24.90  n/a
     [L/S/n=   52./1.250/.013]
     {Vmax= 1.025:Dmax=  .066}
     [Din=  .60:Dused=  .60]
002:0240--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe22       .22      .017 No_date    3:30   24.90  n/a
                  +  09:TRA13       4.41      .391 No_date    3:30   30.44  n/a
     [DT= 2.00]  SUM=  03:TRA14       4.63      .409 No_date    3:30   30.17  n/a
002:0241--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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 *  CALIB STANDHYD      04:A15         .24      .019 No_date    3:30   24.90 .516
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=    .0]
002:0242--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A15         .24      .019 No_date    3:30   24.90  n/a
 *   [RDT= 2.00] out<- 05:Pipe23       .24      .019 No_date    3:30   24.90  n/a
     [L/S/n=   10./ .500/.013]
     {Vmax=  .741:Dmax=  .079}
     [Din=  .75:Dused=  .75]
002:0243--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe23       .24      .019 No_date    3:30   24.90  n/a
                  +  03:TRA14       4.63      .409 No_date    3:30   30.17  n/a
     [DT= 2.00]  SUM=  06:TRA15       4.87      .427 No_date    3:30   29.91  n/a
002:0244--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:A101        3.00      .314 No_date    3:30   35.65 .738
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 150.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 150.:MNI=.013:SCI=    .0]
002:0245--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A101        3.00      .314 No_date    3:30   35.65  n/a
 *   [RDT= 2.00] out<- 02:Pipe24       3.00      .313 No_date    3:30   35.65  n/a
     [L/S/n=   60./ .750/.013]
     {Vmax= 1.918:Dmax=  .273}
     [Din=  .90:Dused=  .90]
002:0246--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:Pipe24      3.00      .313 No_date    3:30   35.65  n/a
 *   [RDT= 2.00] out<- 03:Pipe25       3.00      .313 No_date    3:30   35.65  n/a
     [L/S/n=   36./ .400/.013]
     {Vmax= 1.547:Dmax=  .350}
     [Din=  .75:Dused=  .75]
002:0247--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:TRA15       4.87      .427 No_date    3:30   29.91  n/a
                  +  03:Pipe25      3.00      .313 No_date    3:30   35.65  n/a
     [DT= 2.00]  SUM=  04:TRA101      7.87      .740 No_date    3:30   32.10  n/a
002:0248--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:TRA101      7.87      .740 No_date    3:30   32.10  n/a
 *   [RDT= 2.00] out<- 05:Pipe26       7.87      .738 No_date    3:30   32.10  n/a
     [L/S/n=   51./ .650/.013]
     {Vmax= 2.300:Dmax=  .453}
     [Din=  .90:Dused=  .90]
002:0249--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:A102        .74      .092 No_date    3:30   40.97 .848
     {XIMP=.80:TIMP=.80}
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  70.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=    .0]
002:0250--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A102        .74      .092 No_date    3:30   40.97  n/a
 *   [RDT= 2.00] out<- 02:Pipe27       .74      .092 No_date    3:30   40.97  n/a
     [L/S/n=   42./1.000/.013]
     {Vmax= 1.605:Dmax=  .193}
     [Din=  .38:Dused=  .38]
002:0251--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe26      7.87      .738 No_date    3:30   32.10  n/a
                  +  02:Pipe27       .74      .092 No_date    3:30   40.97  n/a
     [DT= 2.00]  SUM=  04:8thSTR      8.61      .830 No_date    3:30   32.86  n/a
002:0252--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:8thSTR      8.61      .830 No_date    3:30   32.86  n/a
 *   [RDT= 2.00] out<- 05:Pipe28       8.61      .828 No_date    3:30   32.86  n/a
     [L/S/n=   88./3.260/.013]
     {Vmax= 4.326:Dmax=  .335}
     [Din=  .75:Dused=  .75]
002:0253--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      06:A103        2.55      .280 No_date    3:30   35.65 .738
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     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
002:0254--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:A103       2.55     .280 No_date    3:30   35.65  n/a
 *  [RDT= 2.00] out<- 07:Pipe29      2.55     .280 No_date    3:30   35.65  n/a
    [L/S/n=   65./2.800/.013]
    {Vmax= 3.035:Dmax=  .197}
    [Din=  .75:Dused=  .75}
002:0255--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe28     8.61     .828 No_date    3:30   32.86  n/a
                    +   07:Pipe29     2.55     .280 No_date    3:30   35.65  n/a
     [DT= 2.00]  SUM=   08:OSCVIb    11.16    1.109 No_date    3:30   33.50  n/a
002:0256--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      09:AREAB      6.03     .643 No_date    3:30   35.65 .738
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.50:LGP=  55.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI= 320.:MNI=.013:SCI=   .0]
002:0257--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:AREAB      6.03     .643 No_date    3:30   35.65  n/a
                    +   08:OSCVIb    11.16    1.109 No_date    3:30   33.50  n/a
     [DT= 2.00]  SUM=   01:OSCVI     17.19    1.751 No_date    3:30   34.25  n/a
002:0258--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:OSCVI      17.19    1.751 No_date    3:30   34.25  n/a
 *  [RDT= 2.00] out<- 02:Pipe30      17.19    1.746 No_date    3:30   34.25  n/a
    [L/S/n=  150./2.600/.013]
    {Vmax= 4.793:Dmax=  .502}
    [Din=  .90:Dused=  .90}
002:0259--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:HOSP       4.59     .315 No_date    3:32   24.99 .517
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 130.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 300.:MNI=.013:SCI=   .0]
002:0260--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:HOSP       4.59     .315 No_date    3:32   24.99  n/a
 *  [RDT= 2.00] out<- 04:Pipe31      4.59     .316 No_date    3:32   24.99  n/a
    [L/S/n=  118./6.000/.013]
    {Vmax= 4.250:Dmax=  .239}
    [Din=  .38:Dused=  .38}
002:0261--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:Pipe31      4.59     .316 No_date    3:32   24.99  n/a
 *  [RDT= 2.00] out<- 05:Pipe32      4.59     .316 No_date    3:32   24.99  n/a
    [L/S/n=   70./1.100/.013]
    {Vmax= 2.265:Dmax=  .296}
    [Din=  .60:Dused=  .60}
002:0262--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:Pipe30     17.19    1.746 No_date    3:30   34.25  n/a
                    +   05:Pipe32     4.59     .316 No_date    3:32   24.99  n/a
     [DT= 2.00]  SUM=   06:TOTHSP     21.78    2.053 No_date    3:30   32.30  n/a
002:0263--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:TOTHSP     21.78    2.053 No_date    3:30   32.30  n/a
 *  [RDT= 2.00] out<- 07:Pipe33      21.78    2.051 No_date    3:30   32.30  n/a
    [L/S/n=   60./4.300/.013]
    {Vmax= 6.036:Dmax=  .475}
    [Din=  .90:Dused=  .90}
002:0264--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      08:104        4.20     .445 No_date    3:30   35.65 .738
     [XIMP=.60:TIMP=.60]
     ]LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 300.:MNI=.013:SCI=   .0]
002:0265--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:Pipe33     21.78    2.051 No_date    3:30   32.30  n/a
                    +   08:104        4.20     .445 No_date    3:30   35.65  n/a
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     [DT= 2.00]  SUM=   09:TOT104     25.98    2.496 No_date    3:30   32.84  n/a
002:0266--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 09:TOT104     25.98    2.496 No_date    3:30   32.84  n/a
 *  [RDT= 2.00] out<- 01:Pipe34      25.98    2.492 No_date    3:30   32.84  n/a
    [L/S/n=   59./1.300/.013]
    {Vmax= 4.044:Dmax=  .643}
    [Din= 1.20:Dused= 1.20}
002:0267--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:105        3.59     .292 No_date    3:30   26.33 .545
     [XIMP=.25:TIMP=.25]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=4.00:LGP= 200.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.00:LGI= 200.:MNI=.013:SCI=   .0]
002:0268--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:105        3.59     .292 No_date    3:30   26.33  n/a
 *  [RDT= 2.00] out<- 03:Pipe35      3.59     .290 No_date    3:30   26.33  n/a
    [L/S/n=   70./ .750/.013]
    {Vmax= 1.926:Dmax=  .317}
    [Din=  .60:Dused=  .60}
002:0269--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe35      3.59     .290 No_date    3:30   26.33  n/a
 *  [RDT= 2.00] out<- 04:Pipe36      3.59     .287 No_date    3:30   26.33  n/a
    [L/S/n=  120./1.050/.013]
    {Vmax= 2.181:Dmax=  .286}
    [Din=  .60:Dused=  .60}
002:0270--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:105.2      2.44     .199 No_date    3:30   27.66 .573
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 83.0]
     ]Pervious     area: IAper=5.00:SLPP=5.00:LGP= 300.:MNP=.013:SCP=   .0]
     ]Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 300.:MNI=.013:SCI=   .0]
002:0271--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:Pipe36     3.59     .287 No_date    3:30   26.33  n/a
                    +   05:105.2      2.44     .199 No_date    3:30   27.66  n/a
     ]DT= 2.00]  SUM=   06:T105.2     6.03     .486 No_date    3:30   26.87  n/a
002:0272--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:T105.2     6.03     .486 No_date    3:30   26.87  n/a
 *  [RDT= 2.00] out<- 07:Pipe37      6.03     .484 No_date    3:30   26.87  n/a
    ]L/S/n=   75./2.800/.013]
    {Vmax= 3.582:Dmax=  .290}
    ]Din=  .60:Dused=  .60}
002:0273--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:Pipe37      6.03     .484 No_date    3:30   26.87  n/a
 *  [RDT= 2.00] out<- 08:Pipe38      6.03     .483 No_date    3:32   26.87  n/a
    ]L/S/n=   69./2.200/.013]
    {Vmax= 3.269:Dmax=  .311}
    [Din=  .60:Dused=  .60}
002:0274--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      09:AREA A     2.34     .172 No_date    3:30   21.28 .441
     ]XIMP=.01:TIMP=.10]
     [LOSS= 2 :CN= 83.0]
     ]Pervious     area: IAper=5.00:SLPP=8.00:LGP= 190.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  10.:MNI=.013:SCI=   .0]
002:0275--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:AREA A     2.34     .172 No_date    3:30   21.28  n/a
                    +   08:Pipe38     6.03     .483 No_date    3:32   26.87  n/a
     [DT= 2.00]  SUM=   02:OSCVIA     8.37     .654 No_date    3:30   25.30  n/a
002:0276--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:OSCVIA      8.37     .654 No_date    3:30   25.30  n/a
 *  [RDT= 2.00] out<- 03:Pipe39      8.37     .652 No_date    3:30   25.30  n/a
    [L/S/n=   50./3.000/.013]
    {Vmax= 3.953:Dmax=  .340}
    [Din=  .60:Dused=  .60}
002:0277--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe39      8.37     .652 No_date    3:30   25.30  n/a
 *  [RDT= 2.00] out<- 04:Pipe40      8.37     .653 No_date    3:32   25.30  n/a
    [L/S/n=   30./1.000/.013]
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     {Vmax= 2.617:Dmax=  .412}
     {Din=  .75:Dused=  .75}
002:0278---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:Pipe34     25.98     2.492 No_date    3:30   32.84  n/a
                    +   04:Pipe40      8.37      .653 No_date    3:32   25.30  n/a
     [DT= 2.00]  SUM=   05:16&10      34.35     3.143 No_date    3:30   31.01  n/a
002:0279---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16&10      34.35     3.143 No_date    3:30   31.01  n/a
 *   [RDT= 2.00] out<- 06:Pipe41     34.35     3.131 No_date    3:30   31.01  n/a
     [L/S/n=   80./ .600/.013]
     {Vmax= 3.203:Dmax=  .814}
     [Din= 1.50:Dused= 1.50]
002:0280---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      07:999        4.20      .188 No_date    3:30   24.99 .517
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP= 350.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI=  60.:MNI=.013:SCI=   .0]
002:0281---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:999        4.20      .188 No_date    3:30   24.99  n/a
 *   [RDT= 2.00] out<- 08:Pipe42     4.20      .186 No_date    3:30   24.99  n/a
     [L/S/n=  100./3.000/.013]
     {Vmax= 2.894:Dmax=  .193}
     [Din=  .45:Dused=  .45]
002:0282---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe42     4.20      .186 No_date    3:30   24.99  n/a
                    +   06:Pipe41     34.35     3.131 No_date    3:30   31.01  n/a
     [DT= 2.00]  SUM=   09:TRA999     38.55     3.317 No_date    3:30   30.35  n/a
002:0283---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:106        1.95      .132 No_date    3:30   24.99 .517
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  50.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI=  50.:MNI=.013:SCI=   .0]
002:0284---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:TRA999     38.55     3.317 No_date    3:30   30.35  n/a
                    +   01:106         1.95      .132 No_date    3:30   24.99  n/a
     [DT= 2.00]  SUM=   02:TRA106     40.50     3.450 No_date    3:30   30.09  n/a
002:0285---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 02:TRA106     40.50     3.450 No_date    3:30   30.09  n/a
     [RDT= 2.00] out<- 03:CHAN-1     40.50     3.412 No_date    3:30   30.09  n/a
     [L/S/n=  150./2.000/.035]
     {Vmax= 2.074:Dmax=  .482}
002:0286---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:CHAN-1     40.50     3.412 No_date    3:30   30.09  n/a
     [RDT= 2.00] out<- 04:POND1      40.50      .311 No_date    5:12   30.09  n/a
    {MxStoUsed=.8788E+00}
002:0287---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:107.1       .96      .084 No_date    3:30   30.32 .628
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
002:0288---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:107.1       .96      .084 No_date    3:30   30.32  n/a
 *   [RDT= 2.00] out<- 06:Pipe43      .96      .084 No_date    3:30   30.32  n/a
     [L/S/n=   43./2.400/.013]
     {Vmax= 2.181:Dmax=  .161}
     [Din=  .30:Dused=  .30]
002:0289---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:107.2       .30      .026 No_date    3:30   30.32 .628
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
002:0290---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:107.2       .30      .026 No_date    3:30   30.32  n/a
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```
                    +   06:Pipe43      .96      .084 No_date    3:30   30.32  n/a
     [DT= 2.00]  SUM=   08:T107.2      1.26      .110 No_date    3:30   30.32  n/a
002:0291---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 08:T107.2      1.26      .110 No_date    3:30   30.32  n/a
 *   [RDT= 2.00] out<- 09:Pipe44      1.26      .110 No_date    3:30   30.32  n/a
     [L/S/n=   65./2.200/.013]
     {Vmax= 2.254:Dmax=  .170}
     [Din=  .38:Dused=  .38]
002:0292---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:107.3       .30      .026 No_date    3:30   30.32 .628
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
002:0293---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:107.3       .30      .026 No_date    3:30   30.32  n/a
                    +   09:Pipe44      1.26      .110 No_date    3:30   30.32  n/a
     [DT= 2.00]  SUM=   02:T107.3      1.56      .136 No_date    3:30   30.32  n/a
002:0294---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:T107.3      1.56      .136 No_date    3:30   30.32  n/a
 *   [RDT= 2.00] out<- 03:Pipe45      1.56      .136 No_date    3:30   30.32  n/a
     [L/S/n=   55./1.900/.013]
     {Vmax= 2.242:Dmax=  .182}
     [Din=  .45:Dused=  .45]
002:0295---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:Pipe45      1.56      .136 No_date    3:30   30.32  n/a
                    +   04:POND1      40.50      .311 No_date    5:12   30.09  n/a
     [DT= 2.00]  SUM=   05:16+10      42.06      .366 No_date    3:30   30.10  n/a
002:0296---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16+10      42.06      .366 No_date    3:30   30.10  n/a
 *   [RDT= 2.00] out<- 06:Pipe46     42.06      .363 No_date    3:32   30.10  n/a
     [L/S/n=   94./ .600/.013]
     {Vmax= 1.790:Dmax=  .280}
     [Din= 1.20:Dused= 1.20]
002:0297---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:900        7.25      .746 No_date    3:30   35.65 .738
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 100.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 100.:MNI=.013:SCI=   .0]
002:0298---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:900        7.25      .746 No_date    3:30   35.65  n/a
     [RDT= 2.00] out<- 08:POND2      7.25      .468 No_date    3:32   35.65  n/a
    {MxStoUsed=.5798E-01}
002:0299---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 08:POND2      7.25      .468 No_date    3:32   35.65  n/a
 *   [RDT= 2.00] out<- 09:Pipe47      7.25      .465 No_date    3:34   35.65  n/a
     [L/S/n=  250./ .400/.013]
     {Vmax= 1.705:Dmax=  .447}
     [Din=  .75:Dused=  .75]
002:0300---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:Pipe47      7.25      .465 No_date    3:34   35.65  n/a
                    +   06:Pipe46     42.06      .363 No_date    3:32   30.10  n/a
     [DT= 2.00]  SUM=   01:TRP2       49.31      .823 No_date    3:32   30.92  n/a
002:0301---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:108        1.10      .096 No_date    3:30   30.32 .628
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
002:0302---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:TRP2       49.31      .823 No_date    3:32   30.92  n/a
                    +   02:108         1.10      .096 No_date    3:30   30.32  n/a
     [DT= 2.00]  SUM=   03:T108       50.41      .909 No_date    3:30   30.90  n/a
002:0303---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:T108       50.41      .909 No_date    3:30   30.90  n/a
 *   [RDT= 2.00] out<- 04:Pipe48     50.41      .904 No_date    3:30   30.90  n/a
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     [L/S/n=   60./ .580/.013]
     {Vmax= 2.304:Dmax=  .455}
     [Din= 1.20:Dused= 1.20]
002:0304--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:Pipe48     50.41     .904 No_date    3:30   30.90  n/a
 *   [RDT= 2.00] out<- 05:Pipe49     50.41     .904 No_date    3:32   30.90  n/a
     [L/S/n=   59./ .630/.013]
     {Vmax= 2.375:Dmax=  .444}
     [Din= 1.20:Dused= 1.20]
002:0305--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:ANDPET     7.70     .545 No_date    3:30   28.36 .587
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.300:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 100.:MNI=.013:SCI=   .0]
002:0306--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:ANDPET     7.70     .545 No_date    3:30   28.36  n/a
     [RDT= 2.00] out<- 07:ANDPND     7.70     .387 No_date    3:32   28.36  n/a
     {MxStoUsed=.4422E-01}
002:0307--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:ANDPND     7.70     .387 No_date    3:32   28.36  n/a
 *   [RDT= 2.00] out<- 08:Pipe50     7.70     .385 No_date    3:32   28.36  n/a
     [L/S/n=   59./ .200/.013]
     {Vmax= 1.245:Dmax=  .497}
     [Din=  .75:Dused=  .75]
002:0308--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe49    50.41     .904 No_date    3:32   30.90  n/a
                   +   08:Pipe50     7.70     .385 No_date    3:32   28.36  n/a
     [DT= 2.00]  SUM=  09:TOTAND    58.11    1.289 No_date    3:32   30.57  n/a
002:0309--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:RETRES      .90     .083 No_date    3:30   33.02 .684
     [XIMP=.63:TIMP=.63]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  20.:MNP=.300:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI=  65.:MNI=.013:SCI=   .0]
002:0310--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:RETRES      .90     .083 No_date    3:30   33.02  n/a
 *   [RDT= 2.00] out<- 02:POND3       .90     .091 No_date    3:30   33.02  n/a
     {MxStoUsed=.9104E-02}
002:0311--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TOTAND    58.11    1.289 No_date    3:32   30.57  n/a
                   +   02:POND3       .90     .091 No_date    3:30   33.02  n/a
     [DT= 2.00]  SUM=  05:TOT16     59.01    1.372 No_date    3:30   30.60  n/a
002:0312--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:WLMRT     20.72    1.880 No_date    3:30   35.41 .733
     [XIMP=.65:TIMP=.65]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=4.20:LGP= 130.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 371.:MNI=.013:SCI=   .0]
002:0313--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:WEXT       1.58     .087 No_date    3:30   16.19 .335
     [CN= 78.0: N= 3.00]
     [Tp=  .11:DT= 2.00]
002:0314--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:WLMRT     20.72    1.880 No_date    3:30   35.41  n/a
                   +   07:WEXT       1.58     .087 No_date    3:30   16.19  n/a
     [DT= 2.00]  SUM=  08:TWLMRT    22.30    1.967 No_date    3:30   34.05  n/a
002:0315--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 08:TWLMRT    22.30    1.967 No_date    3:30   34.05  n/a
     [RDT= 2.00] out<- 09:WMRTPD    22.30     .738 No_date    3:56   34.05  n/a
     {MxStoUsed=.3222E+00}
002:0316--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 09:WMRTPD    22.30     .738 No_date    3:56   34.05  n/a
     [RDT= 2.00] out<- 01:16thST    22.30     .738 No_date    3:58   34.05  n/a
     [L/S/n=  180./ .580/.013]
     {Vmax= 2.195:Dmax=  .432}
     [Din= 1.05:Dused= 1.05]
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002:0317--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CDNT       3.62     .473 No_date    3:30   44.74 .926
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  33.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.30:LGI= 273.:MNI=.013:SCI=   .0]
002:0318--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:TOT16     59.01    1.372 No_date    3:30   30.60  n/a
                   +   01:16thST    22.30     .738 No_date    3:58   34.05  n/a
     [DT= 2.00]  SUM=  04:TN1       81.31    1.939 No_date    3:32   31.55  n/a
002:0319--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:CDNT       3.62     .473 No_date    3:30   44.74  n/a
                   +   04:TN1       81.31    1.939 No_date    3:32   31.55  n/a
     [DT= 2.00]  SUM=  03:TND1      84.93    2.386 No_date    3:32   32.11  n/a
002:0320--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:TND1      84.93    2.386 No_date    3:32   32.11  n/a
     [RDT= 2.00] out<- 04:ND1ND2    84.93    2.396 No_date    3:32   32.11  n/a
     [L/S/n=  150./ .730/.013]
     {Vmax= 2.904:Dmax=  .424}
     {HGTH= 1.22:WDTH= 1.93}
002:0321--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA2COM     4.44     .565 No_date    3:30   43.19 .894
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=6.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.40:LGI= 149.:MNI=.013:SCI=   .0]
002:0322--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA2COM     4.44     .565 No_date    3:30   43.19  n/a
     [RDT= 2.00] out<- 05:C2APND     4.44     .165 No_date    3:42   43.19  n/a
     {MxStoUsed=.1088E+00}
002:0323--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:C2APND     4.44     .165 No_date    3:42   43.19  n/a
     [LAG=  5.7 min)<- 06:SH2a       4.44     .165 No_date    3:46   43.19  n/a
002:0324--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA3a       5.11     .474 No_date    3:30   33.95 .703
     [XIMP=.55:TIMP=.66]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=7.10:LGP=  28.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 248.:MNI=.013:SCI=   .0]
002:0325--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:CA3a       5.11     .474 No_date    3:30   33.95  n/a
     [LAG=  2.5 min)<- 08:SH3a       5.11     .474 No_date    3:32   33.95  n/a
002:0326--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA3b       2.82     .330 No_date    3:30   40.39 .836
     [XIMP=.81:TIMP=.81]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  40.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .80:LGI= 118.:MNI=.013:SCI=   .0]
002:0327--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:ANDCOM     1.10     .145 No_date    3:30   44.74 .926
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  10.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 115.:MNI=.013:SCI=   .0]
002:0328--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:ANDCOM     1.10     .145 No_date    3:30   44.74  n/a
     [RDT= 2.00] out<- 02:ACPND      1.10     .136 No_date    3:30   44.74  n/a
     {MxStoUsed=.8208E-02}
002:0329--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:ND1ND2    84.93    2.396 No_date    3:32   32.11  n/a
                   +   06:SH2a       4.44     .165 No_date    3:46   43.19  n/a
     [DT= 2.00]  SUM=  03:T2a       89.37    2.516 No_date    3:32   32.66  n/a
002:0330--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T2a       89.37    2.516 No_date    3:32   32.66  n/a
                   +   08:SH3a       5.11     .474 No_date    3:32   33.95  n/a
     [DT= 2.00]  SUM=  04:T2b       94.48    2.989 No_date    3:32   32.73  n/a
002:0331--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            04:T2b       94.48    2.989 No_date    3:32   32.73  n/a
                  +    02:ACPND      1.10     .136 No_date    3:30   44.74  n/a
     [DT= 2.00]  SUM=  05:T2c       95.58    3.122 No_date    3:32   32.87  n/a
002:0332--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T2c       95.58    3.122 No_date    3:32   32.87  n/a
                  +    09:CA3b       2.82     .330 No_date    3:30   40.39  n/a
     [DT= 2.00]  SUM=  03:TND2      98.40    3.415 No_date    3:32   33.08  n/a
002:0333--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    03:TND2      98.40    3.415 No_date    3:32   33.08  n/a
       Major System /  04:CHAN       .53     .395 No_date    3:32   33.08  n/a
       Minor System \  05:PIPE      97.86    3.020 No_date    3:26   33.08  n/a
002:0334--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:PIPE      97.86    3.020 No_date    3:26   33.08  n/a
     [RDT= 2.00] out<- 06:N3N4P     97.86    3.014 No_date    3:38   33.08  n/a
     [L/S/n=  640./ .600/.013]
     (Vmax= 3.043:Dmax=  .985]
     [Din= 1.20:Dused= 1.20]
002:0335--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:CHAN        .53     .395 No_date    3:32   33.08  n/a
 *   [RDT= 2.00] out<- 07:N2N3C       .53     .207 No_date    3:34   33.08  n/a
     [L/S/n=  240./ .650/.035]
     (Vmax=  .622:Dmax=  .165]
002:0336--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA1COM     5.30     .671 No_date    3:30   43.19 .894
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI= 146.:MNI=.013:SCI=   .0]
002:0337--------------1D:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA1IND    10.99    1.218 No_date    3:30   38.52 .798
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.10:LGI= 234.:MNI=.013:SCI=   .0]
002:0338--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:CA1COM     5.30     .671 No_date    3:30   43.19  n/a
                  +    05:CA1IND    10.99    1.218 No_date    3:30   38.52  n/a
     [DT= 2.00]  SUM=  09:TOT1      16.29    1.888 No_date    3:30   40.04  n/a
002:0339--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 09:TOT1      16.29    1.888 No_date    3:30   40.04  n/a
     [RDT= 2.00] out<- 08:C1PND     16.29     .145 No_date    5:04   40.04  n/a
    (MxStoUsed=.5163E+00)
002:0340--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:C1PND     16.29     .145 No_date    5:04   40.04  n/a
     [LAG= 34.4 min]<- 09:SH1       16.29     .145 No_date    5:38   40.04  n/a
002:0341--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:N2N3C       .53     .207 No_date    3:34   33.08  n/a
                  +    09:SH1       16.29     .145 No_date    5:38   40.04  n/a
     [DT= 2.00]  SUM=  02:T3a       16.82     .224 No_date    3:34   39.81  n/a
002:0342--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA2IND     5.15     .571 No_date    3:30   38.52 .798
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.20:LGI= 227.:MNI=.013:SCI=   .0]
002:0343--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA2IND     5.15     .571 No_date    3:30   38.52  n/a
     [RDT= 2.00] out<- 08:C2BPND     5.15     .114 No_date    4:06   38.52  n/a
    (MxStoUsed=.1268E+00)
002:0344--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:C2BPND     5.15     .114 No_date    4:06   38.52  n/a
     [LAG= 37.7 min]<- 03:SH2b       5.15     .114 No_date    4:42   38.52  n/a
002:0345--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA4       14.53     .676 No_date    3:36   25.84 .535
     [XIMP=.25:TIMP=.44]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  73.:MNP=.250:SCP=   .0]
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     [Impervious   area: IAimp=2.00:SLPI= .30:LGI= 466.:MNI=.013:SCI=   .0]
002:0346--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T3a       16.82     .224 No_date    3:34   39.81  n/a
                  +    03:SH2b       5.15     .114 No_date    4:42   38.52  n/a
     [DT= 2.00]  SUM=  01:T3a       21.97     .249 No_date    5:04   39.51  n/a
002:0347--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:T3a       21.97     .249 No_date    5:04   39.51  n/a
                  +    04:CA4       14.53     .676 No_date    3:36   25.84  n/a
     [DT= 2.00]  SUM=  03:T3b       36.50     .906 No_date    3:34   34.07  n/a
002:0348--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:MALL      13.24    1.287 No_date    3:32   40.64 .842
     [XIMP=.63:TIMP=.89]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.30:LGP= 120.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .20:LGI= 293.:MNI=.013:SCI=   .0]
002:0349--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:MALL      13.24    1.287 No_date    3:32   40.64  n/a
       Major System /  02:CHAN       1.49     .500 No_date    3:32   40.64  n/a
       Minor System \  04:PIPE      11.75     .787 No_date    3:14   40.64  n/a
002:0350--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T3b       36.50     .906 No_date    3:34   34.07  n/a
                  +    02:CHAN       1.49     .500 No_date    3:32   40.64  n/a
     [DT= 2.00]  SUM=  05:TND3      37.99    1.391 No_date    3:34   34.32  n/a
002:0351--------------1D:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND3      37.99    1.391 No_date    3:34   34.32  n/a
     [RDT= 2.00] out<- 07:ND3ND4    37.99    1.235 No_date    3:38   34.32  n/a
     [L/S/n=  390./ .650/.035]
     (Vmax=  .997:Dmax=  .338]
002:0352--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA5       15.85     .797 No_date    3:30   24.87 .515
     [XIMP=.32:TIMP=.47]
     [LOSS= 2 :CN= 69.0]
     [Pervious     area: IAper=5.00:SLPP=1.50:LGP= 103.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.40:LGI= 289.:MNI=.013:SCI=   .0]
002:0353--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA5       15.85     .797 No_date    3:30   24.87  n/a
     [LAG=  5.9 min]<- 09:SH5       15.85     .797 No_date    3:34   24.87  n/a
002:0354--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:CA6       32.10     .999 No_date    3:32   24.42 .506
     [XIMP=.20:TIMP=.40]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP= .70:LGP= 135.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 539.:MNI=.013:SCI=   .0]
002:0355--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA6       32.10     .999 No_date    3:32   24.42  n/a
                  +    09:SH5       15.85     .797 No_date    3:34   24.87  n/a
     [DT= 2.00]  SUM=  02:T56ND3     47.95    1.795 No_date    3:34   24.57  n/a
002:0356--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA7        2.90     .136 No_date    3:30   21.92 .454
     [XIMP=.33:TIMP=.38]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper=6.50:SLPP= .60:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 130.:MNI=.013:SCI=   .0]
002:0357--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:CA7        2.90     .136 No_date    3:30   21.92  n/a
     [LAG=  6.6 min]<- 01:SH7        2.90     .136 No_date    3:36   21.92  n/a
002:0358--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA8        8.01     .901 No_date    3:30   39.77 .823
     [XIMP=.73:TIMP=.84]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  60.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI=  95.:MNI=.013:SCI=   .0]
002:0359--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:CA8        8.01     .901 No_date    3:30   39.77  n/a
     [LAG= 21.3 min]<- 08:SH8        8.01     .901 No_date    3:50   39.77  n/a
002:0360--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA11       4.18     .218 No_date    3:30   24.99 .517
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     [XIMP=.28:TIMP=.36[
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 270.:MNI=.013:SCI=   .0]
002:0361---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:SH7        2.90     .136 No_date    3:36   21.92  n/a
                     + 08:SH8        8.01     .901 No_date    3:50   39.77  n/a
     [DT= 2.00]  SUM=  05:T7811a    10.91     .975 No_date    3:38   35.03  n/a
002:0362---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T7811a    10.91     .975 No_date    3:38   35.03  n/a
                     + 09:CA11       4.18     .218 No_date    3:30   24.99  n/a
     [DT= 2.00]  SUM=  03:T7811b    15.09    1.162 No_date    3:34   32.25  n/a
002:0363---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T7811b    15.09    1.162 No_date    3:34   32.25  n/a
                     + 02:T56ND3    47.95    1.795 No_date    3:34   24.57  n/a
     [DT= 2.00]  SUM=  05:T7811     63.04    2.957 No_date    3:34   26.41  n/a
002:0364---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:ND3ND4    37.99    1.235 No_date    3:38   34.32  n/a
                     + 05:T7811     63.04    2.957 No_date    3:34   26.41  n/a
     [DT= 2.00[  SUM=  02:T56781   101.03    4.139 No_date    3:36   29.39  n/a
002:0365---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA3c       1.14     .090 No_date    3:30   29.86 .618
     [XIMP=.45:TIMP=.50]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.50:LGI=  80.:MNI=.013:SCI=   .0]
002:0366---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:CA3c       1.14     .090 No_date    3:30   29.86  n/a
     [RDT= 2.00] out<- 05:3cPIPE     1.14     .087 No_date    3:30   29.86  n/a
     [L/S/n=  240./ .200/.013]
     [Vmax=  .868:Dmax=  .236]
     [Din=  .60:Dused=  .60]
002:0367---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA4a       1.86     .213 No_date    3:30   39.25 .813
     [XIMP=.75:TIMP=.80]
     [LOSS= 2 :CN= 76.0[
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  24.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  69.:MNI=.013:SCI=   .0]
002:0368---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:PIPE      11.75     .787 No_date    3:14   40.64  n/a
                     + 03:CA4a       1.86     .213 No_date    3:30   39.25  n/a
     [DT= 2.00[  SUM=  08:TMLL4a    13.61    1.000 No_date    3:30   40.45  n/a
002:0369---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TMLL4a    13.61    1.000 No_date    3:30   40.45  n/a
                     + 05:3cPIPE     1.14     .087 No_date    3:30   29.86  n/a
     [DT= 2.00]  SUM=  07:TMLL3c    14.75    1.087 No_date    3:30   39.64  n/a
002:0370---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:TMLL3c    14.75    1.087 No_date    3:30   39.64  n/a
     [RDT= 2.00] out<- 09:ML3CN4    14.75    1.082 No_date    3:30   39.64  n/a
     [L/S/n=  405./ .600/.013[
     [Vmax= 2.094:Dmax=  .267]
     [HGTH= 1.22:WDTH= 1.93)
002:0371---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA6IND     3.04     .335 No_date    3:30   38.52 .798
     [XIMP=.75:TIMP=.75[
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0[
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  87.:MNI=.013:SCI=   .0[
002:0372---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA6IND     3.04     .335 No_date    3:30   38.52  n/a
     [RDT= 2.00[ out<- 08:C6APND     3.04     .096 No_date    4:00   38.52  n/a
    {MxStoUsed=.6544E-01}
002:0373---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:C6APND     3.04     .096 No_date    4:00   38.52  n/a
                     + 09:ML3CN4    14.75    1.082 No_date    3:30   39.64  n/a
     [DT= 2.00]  SUM=  01:ML436a    17.79    1.149 No_date    3:32   39.45  n/a
002:0374---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            02:T56781   101.03    4.139 No_date    3:36   29.39  n/a
                     + 01:ML436a    17.79    1.149 No_date    3:32   39.45  n/a
     [DT= 2.00]  SUM=  03:ML436b   118.82    5.244 No_date    3:34   30.89  n/a
002:0375---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:N3N4P     97.86    3.014 No_date    3:38   33.08  n/a
                     + 03:ML436b   118.82    5.244 No_date    3:34   30.89  n/a
     [DT= 2.00[  SUM=  04:TND4     216.69    8.247 No_date    3:34   31.88  n/a
002:0376---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 04:TND4     216.69    8.247 No_date    3:34   31.88  n/a
     [RDT= 2.00] out<- 02:ND4ND5   216.69    8.002 No_date    3:38   31.88  n/a
     [L/S/n=  697./ .650/.035]
     {Vmax= 2.276:Dmax= 1.501]
002:0377---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:MLLRE      1.26     .133 No_date    3:30   36.13 .748
     [XIMP=.60:TIMP=.74[
     [LOSS= 2 :CN= 76.0[
     [Pervious     area: IAper=5.00:SLPP=1.90:LGP=  26.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  73.:MNI=.013:SCI=   .0]
002:0378---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:MLLRE      1.26     .133 No_date    3:30   36.13  n/a
     [RDT= 2.00[ out<- 04:MLLRCE     1.26     .077 No_date    3:36   36.13  n/a
    {MxStoUsed=.1011E-01}
002:0379---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 04:MLLRCE     1.26     .077 No_date    3:36   36.13  n/a
     [LAG= 18.8 min[<- 05:SHMLRE     1.26     .077 No_date    3:54   36.13  n/a
002:0380---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:MLLRW      1.73     .210 No_date    3:30   42.11 .872
     [XIMP=.82:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.35:LGP=  37.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .42:LGI= 120.:MNI=.013:SCI=   .0]
002:0381---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:MLLRW      1.73     .210 No_date    3:30   42.11  n/a
     [RDT= 2.00] out<- 07:MLLRCW     1.73     .151 No_date    3:34   42.11  n/a
    {MxStoUsed=.1763E-01}
002:0382---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 07:MLLRCW     1.73     .151 No_date    3:34   42.11  n/a
     [LAG= 13.4 min]<- 08:SHMLRW     1.73     .151 No_date    3:46   42.11  n/a
002:0383---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA9        7.85     .499 No_date    3:30   28.07 .581
     [XIMP=.42:TIMP=.43]
     [LOSS= 2 :CN= 75.0]
     [Pervious     area: IAper=5.00:SLPP=1.60:LGP=  96.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.70:LGI= 207.:MNI=.013:SCI=   .0[
002:0384---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TOTMLR     1.73     .151 No_date    3:46   42.11  n/a
                     + 05:SHMLRE     1.26     .077 No_date    3:54   36.13  n/a
     [DT= 2.00[  SUM=  08:TOTMLR     2.99     .225 No_date    3:48   39.59  n/a
002:0385---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:CA9        7.85     .499 No_date    3:30   28.07  n/a
                     + 08:TOTMLR     2.99     .225 No_date    3:48   39.59  n/a
     [DT= 2.00]  SUM=  03:T9MLR     10.84     .668 No_date    3:30   31.25  n/a
002:0386---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 03:T9MLR     10.84     .668 No_date    3:30   31.25  n/a
     [LAG= 19.3 min]<- 04:CA9        10.84     .668 No_date    3:48   31.25  n/a
002:0387---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:CA10IN     17.87    1.886 No_date    3:30   38.52 .798
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0[
     [Impervious   area: IAimp=2.00:SLPI=1.20:LGI= 427.:MNI=.013:SCI=   .0]
002:0388---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:CA10IN     17.87    1.886 No_date    3:30   38.52  n/a
     [RDT= 2.00] out<- 05:10PND      17.87     .658 No_date    3:56   38.52  n/a
    {MxStoUsed=.3551E+00}
002:0389---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA13       7.15     .449 No_date    3:30   28.85 .597
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     (XIMP=.44:TIMP=.54)
     (LOSS= 2 :CN= 74.0)
     (Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI= .60:LGI=  80.:MNI=.013:SCI=   .0)
002:0390--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA14       7.52     .344 No_date    3:30   23.74 .491
     (XIMP=.32:TIMP=.35)
     (LOSS= 2 :CN= 74.0)
     (Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 111.:MNI=.013:SCI=   .0)
002:0391--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:10PND     17.87     .658 No_date    3:56   38.52  n/a
                     +  06:CA13       7.15     .449 No_date    3:30   28.85  n/a
     (DT= 2.00)  SUM=  08:T1013     25.02     .832 No_date    4:00   35.76  n/a
002:0392--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:T1013     25.02     .832 No_date    4:00   35.76  n/a
                     +  04:CA9       10.84     .668 No_date    3:48   31.25  n/a
     (DT= 2.00)  SUM=  03:T14       35.86    1.471 No_date    3:48   34.39  n/a
002:0393--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T14       35.86    1.471 No_date    3:48   34.39  n/a
                     +  07:CA14       7.52     .344 No_date    3:30   23.74  n/a
     (DT= 2.00)  SUM=  04:T91013     43.38    1.595 No_date    3:48   32.55  n/a
002:0394--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:ND4ND5   216.69    8.002 No_date    3:38   31.88  n/a
                     +  04:T91013    43.38    1.595 No_date    3:48   32.55  n/a
     (DT= 2.00)  SUM=  07:TND5     260.07    9.389 No_date    3:38   31.99  n/a
002:0395--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 07:TND5     260.07    9.389 No_date    3:38   31.99  n/a
     (RDT= 2.00) out<- 08:ND5ND6   260.07    9.233 No_date    3:42   31.99  n/a
     (L/S/n=  578./1.640/.035)
     (Vmax= 1.850:Dmax= 1.534)
002:0396--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       09:15WHZ      1.38     .042 No_date    3:38   12.54 .260
     (CN= 74.0: N= 3.00)
     (Tp=  .25:DT= 2.00)
002:0397--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:15WRE     12.42     .944 No_date    3:30   28.61 .592
     (XIMP=.30:TIMP=.55)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 221.:MNI=.013:SCI=   .0)
002:0398--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:15WRE     12.42     .944 No_date    3:30   28.61  n/a
     (RDT= 2.00) out<- 02:15WPND    12.42     .201 No_date    4:22   28.61  n/a
     (MxStoUsed=.2163E+00)
002:0399--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:15WPND    12.42     .201 No_date    4:22   28.61  n/a
                     +  09:15WHZ      1.38     .042 No_date    3:38   12.54  n/a
     (DT= 2.00)  SUM=  03:T15W      13.80     .220 No_date    4:12   27.00  n/a
002:0400--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       04:15EHZ      3.15     .095 No_date    3:38   12.54 .260
     (CN= 74.0: N= 3.00)
     (Tp=  .25:DT= 2.00)
002:0401--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:15EIND     4.89     .519 No_date    3:30   38.52 .798
     (XIMP=.75:TIMP=.75)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 500.:MNI=.013:SCI=   .0)
002:0402--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 05:15EIND     4.89     .519 No_date    3:30   38.52  n/a
     (RDT= 2.00) out<- 06:15EPND     4.89     .119 No_date    4:10   38.52  n/a
     (MxStoUsed=.1165E+00)
002:0403--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:15EHZ      3.15     .095 No_date    3:38   12.54  n/a
                     +  06:15EPND     4.89     .119 No_date    4:10   38.52  n/a
     (DT= 2.00)  SUM=  07:T15E        8.04     .185 No_date    3:46   28.34  n/a
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002:0404--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:T15E       8.04     .185 No_date    3:46   28.34  n/a
                     +  03:T15W      13.80     .220 No_date    4:12   27.00  n/a
     (DT= 2.00)  SUM=  09:T15EW     21.84     .393 No_date    4:04   27.50  n/a
002:0405--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:UNGAS       .99     .061 No_date    3:30   21.22 .439
     (XIMP=.22:TIMP=.22)
     (LOSS= 2 :CN= 74.0)
     (Pervious     area: IAper=5.00:SLPP=3.30:LGP=  15.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.20:LGI=  90.:MNI=.013:SCI=   .0)
002:0406--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:UNGAS       .99     .061 No_date    3:30   21.22  n/a
     (RDT= 2.00) out<- 02:UNGPND      .99     .020 No_date    4:02   21.22  n/a
     (MxStoUsed=.9024E-02)
002:0407--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 02:UNGPND      .99     .020 No_date    4:02   21.22  n/a
     (LAG= 16.3 min)<- 03:SHUNGS      .99     .020 No_date    4:18   21.22  n/a
002:0408--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:T15EW     21.84     .393 No_date    4:04   27.50  n/a
                     +  03:SHUNGS      .99     .020 No_date    4:18   21.22  n/a
     (DT= 2.00)  SUM=  04:T15       22.83     .413 No_date    4:04   27.22  n/a
002:0409--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA16I      26.59    2.712 No_date    3:30   38.52 .798
     (XIMP=.75:TIMP=.75)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 551.:MNI=.013:SCI=   .0)
002:0410--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:CA16I      26.59    2.712 No_date    3:30   38.52  n/a
     (RDT= 2.00) out<- 07:15BPND     26.59     .279 No_date    5:00   38.52  n/a
     (MxStoUsed=.7719E+00)
002:0411--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:15BPND    26.59     .279 No_date    5:00   38.52  n/a
                     +  04:T15       22.83     .413 No_date    4:04   27.22  n/a
     (DT= 2.00)  SUM=  09:T1516     49.42     .649 No_date    4:16   33.30  n/a
002:0412--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:ND5ND6   260.07    9.233 No_date    3:42   31.99  n/a
                     +  09:T1516     49.42     .649 No_date    4:16   33.30  n/a
     (DT= 2.00)  SUM=  03:TND6     309.49    9.781 No_date    3:44   32.20  n/a
002:0413--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 03:TND6     309.49    9.781 No_date    3:44   32.20  n/a
     (RDT= 2.00) out<- 02:ND6ND8   309.49    9.732 No_date    3:46   32.20  n/a
     (L/S/n=  503./1.290/.035)
     (Vmax= 2.606:Dmax= 1.125)
002:0414--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA17RW      6.93     .542 No_date    3:30   28.61 .592
     (XIMP=.30:TIMP=.55)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=3.80:LGI= 263.:MNI=.013:SCI=   .0)
002:0415--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 05:CA17RW      6.93     .542 No_date    3:30   28.61  n/a
     (RDT= 2.00) out<- 03:17WPND      6.93     .308 No_date    3:42   28.61  n/a
     (MxStoUsed=.6369E-01)
002:0416--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:17WOS       2.11     .095 No_date    3:34   15.06 .312
     (CN= 79.0: N= 3.00)
     (Tp=  .17:DT= 2.00)
002:0417--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:17WPND      6.93     .308 No_date    3:42   28.61  n/a
                     +  05:17WOS       2.11     .095 No_date    3:34   15.06  n/a
     (DT= 2.00)  SUM=  04:T17W        9.04     .388 No_date    3:38   25.45  n/a
002:0418--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA17RE      3.51     .267 No_date    3:30   28.61 .592
     (XIMP=.30:TIMP=.55)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0)
```

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     [Impervious   area: IAimp=2.00:SLPI=2.40:LGI= 246.:MNI=.013:SCI=   .0]
002:0419---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        08:CA17OS     6.57     .295 No_date    3:34   15.06 .312
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
002:0420---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:CA17OS     6.57     .295 No_date    3:34   15.06  n/a
                      + 06:CA17RE     3.51     .267 No_date    3:30   28.61  n/a
     [DT= 2.00]  SUM=  09:T17E      10.08     .548 No_date    3:32   19.78  n/a
002:0421---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 09:T17E      10.08     .548 No_date    3:32   19.78  n/a
     [RDT= 2.00] out<- 01:17EPND    10.08     .446 No_date    3:40   19.78  n/a
    {MxStoUsed=.3119E-01}
002:0422---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:17EPND     10.08     .446 No_date    3:40   19.78  n/a
                      + 04:T17W        9.04     .388 No_date    3:38   25.45  n/a
     [DT= 2.00]  SUM=  09:T17RES     19.12     .833 No_date    3:40   22.46  n/a
002:0423---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:ND6ND8   309.49    9.732 No_date    3:46   32.20  n/a
                      + 09:T17RES     19.12     .833 No_date    3:40   22.46  n/a
     [DT= 2.00]  SUM=  05:TND8      328.61   10.518 No_date    3:46   31.63  n/a
002:0424---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND8      328.61   10.518 No_date    3:46   31.63  n/a
     [RDT= 2.00] out<- 06:ND8ND9    328.61   10.463 No_date    3:48   31.63  n/a
     [L/S/n=  405./1.480/.045]
     {Vmax= 2.044:Dmax=  .930}
002:0425---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        07:CA18       12.02     .314 No_date    3:52   14.45 .299
     [CN= 78.0: N= 3.00]
     [Tp=  .41:DT= 2.00]
002:0426---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:CA18       12.02     .314 No_date    3:52   14.45  n/a
                      + 06:ND8ND9     328.61   10.463 No_date    3:48   31.63  n/a
     [DT= 2.00]  SUM=  08:TND9      340.63   10.774 No_date    3:48   31.03  n/a
002:0427---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 08:TND9      340.63   10.774 No_date    3:48   31.03  n/a
     [RDT= 2.00] out<- 09:ND9ND1    340.63   10.679 No_date    3:52   31.03  n/a
     [L/S/n=  505./1.900/.045]
     {Vmax= 1.988:Dmax=  .728}
002:0428---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:CA18       1.18     .043 No_date    3:34   12.54 .260
     [CN= 74.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
002:0429---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:CA19IN     7.54     .815 No_date    3:30   38.52 .798
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 194.:MNI=.013:SCI=   .0]
002:0430---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:CA18       1.18     .043 No_date    3:34   12.54  n/a
                      + 02:CA19IN     7.54     .815 No_date    3:30   38.52  n/a
     [DT= 2.00]  SUM=  03:T1819      8.72     .855 No_date    3:30   35.00  n/a
002:0431---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T1819      8.72     .855 No_date    3:30   35.00  n/a
                      + 09:ND9ND1   340.63   10.679 No_date    3:52   31.03  n/a
     [DT= 2.00]  SUM=  04:TND10    349.35   10.981 No_date    3:50   31.13  n/a
 ** END OF RUN :   2

*******************************************************************************



RUN:COMMAND#
003:0433---------------------------------------------------------------------
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```
    START
     [TZERO =    .00 hrs on        0]
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 ]
     [NRUN  =   3 ]
*#*****************************************************************************
*#  Project Name: [Owen Sound Drainage Study]    Project Number: [MCG 10665]
*#  Date        : 04-12-2007
*#  Modeller    : [T.Lozon]
*#  Company     : R.J. Burnside and Associates
*#  License #   :  3846413
003:0435---------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  = 10-Year SCS Type-II Storm Distribution (6-hour) Owen Sound,
     [SDT=30.00:SDUR=   6.50:PTOT= 55.70]
003:0436---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      04:TRA7       1.82     .208 No_date    3:30   40.34 .724
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP= .50:LGP=  70.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 170.:MNI=.013:SCI=   .0]
003:0437---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:A8          .28     .031 No_date    3:30   37.00 .664
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  82.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  82.:MNI=.013:SCI=   .0]
003:0438---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A8          .28     .031 No_date    3:30   37.00  n/a
 *   [RDT= 2.00] out<- 02:Pipe16      .28     .031 No_date    3:30   37.00  n/a
     [L/S/n=   15./2.000/.013]
     {Vmax= 1.458:Dmax=  .080}
     [Din=  .53:Dused=  .53]
003:0439---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:Pipe16      .28     .031 No_date    3:30   37.00  n/a
                      + 04:TRA7       1.82     .208 No_date    3:30   40.34  n/a
     [DT= 2.00]  SUM=  03:TRA8       2.10     .239 No_date    3:30   39.90  n/a
003:0440---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      04:A9          .28     .022 No_date    3:30   23.65 .425
     [XIMP=.10:TIMP=.10]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=4.10:LGP= 100.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI=  35.:MNI=.013:SCI=   .0]
003:0441---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:A9          .28     .022 No_date    3:30   23.65  n/a
 *   [RDT= 2.00] out<- 05:Pipe17      .28     .022 No_date    3:30   23.65  n/a
     [L/S/n=   29./2.000/.013]
     {Vmax= 1.291:Dmax=  .067}
     [Din=  .53:Dused=  .53]
003:0442---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe17      .28     .022 No_date    3:30   23.65  n/a
                      + 03:TRA8       2.10     .239 No_date    3:30   39.90  n/a
     [DT= 2.00]  SUM=  06:TRA9       2.38     .262 No_date    3:30   37.96  n/a
003:0443---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      07:A10         .59     .065 No_date    3:30   37.00 .664
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  73.:MNI=.013:SCI=   .0]
003:0444---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:A10         .59     .065 No_date    3:30   37.00  n/a
 *   [RDT= 2.00] out<- 08:Pipe18      .59     .065 No_date    3:30   37.00  n/a
     [L/S/n=   60./2.000/.013]
     {Vmax= 1.825:Dmax=  .116}
     [Din=  .53:Dused=  .53]
003:0445---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            08:Pipe18      .59     .065 No_date    3:30   37.00  n/a
                     + 06:TRA9       2.38     .262 No_date    3:30   37.96  n/a
     [DT= 2.00]  SUM=  09:TRA10      2.97     .327 No_date    3:30   37.77  n/a
003:0446--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A11         .82     .091 No_date    3:30   37.00 .664
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  67.:MNI=.013:SCI=   .0]
003:0447--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A11         .82     .091 No_date    3:30   37.00  n/a
 *   [RDT= 2.00] out<- 02:Pipe19      .82     .091 No_date    3:30   37.00  n/a
     [L/S/n=   59./2.000/.013]
     {Vmax= 2.021:Dmax=  .137}
     [Din=  .53:Dused=  .53]
003:0448--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TRA10      2.97     .327 No_date    3:30   37.77  n/a
                     + 02:Pipe19      .82     .091 No_date    3:30   37.00  n/a
     [DT= 2.00]  SUM=  03:TRA11      3.80     .418 No_date    3:30   37.61  n/a
003:0449--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A12         .30     .026 No_date    3:30   26.99 .485
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  58.:MNI=.013:SCI=   .0]
003:0450--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A12         .30     .026 No_date    3:30   26.99  n/a
 *   [RDT= 2.00] out<- 05:Pipe20      .30     .025 No_date    3:30   26.99  n/a
     [L/S/n=   69./2.000/.013]
     {Vmax= 1.351:Dmax=  .072}
     [Din=  .53:Dused=  .53]
003:0451--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe20      .30     .025 No_date    3:30   26.99  n/a
                     + 03:TRA11      3.80     .418 No_date    3:30   37.61  n/a
     [DT= 2.00]  SUM=  06:TRA12      4.10     .443 No_date    3:30   36.83  n/a
003:0452--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:A13         .31     .030 No_date    3:30   30.33 .544
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  68.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  68.:MNI=.013:SCI=   .0]
003:0453--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:A13         .31     .030 No_date    3:30   30.33  n/a
 *   [RDT= 2.00] out<- 08:Pipe21      .31     .029 No_date    3:30   30.33  n/a
     [L/S/n=   53./1.900/.013]
     {Vmax= 1.405:Dmax=  .079}
     [Din=  .53:Dused=  .53]
003:0454--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe21      .31     .029 No_date    3:30   30.33  n/a
                     + 06:TRA12      4.10     .443 No_date    3:30   36.83  n/a
     [DT= 2.00]  SUM=  09:TRA13      4.41     .473 No_date    3:30   36.37  n/a
003:0455--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A14         .22     .022 No_date    3:30   30.33 .544
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
003:0456--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A14         .22     .022 No_date    3:30   30.33  n/a
 *   [RDT= 2.00] out<- 02:Pipe22      .22     .021 No_date    3:30   30.33  n/a
     [L/S/n=   52./1.250/.013]
     {Vmax= 1.071:Dmax=  .072}
     [Din=  .60:Dused=  .60]
003:0457--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe22      .22     .021 No_date    3:30   30.33  n/a
                     + 09:TRA13      4.41     .473 No_date    3:30   36.37  n/a
     [DT= 2.00]  SUM=  03:TRA14      4.63     .494 No_date    3:30   36.08  n/a
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003:0458--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A15         .24     .023 No_date    3:30   30.33 .544
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
003:0459--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A15         .24     .023 No_date    3:30   30.33  n/a
 *   [RDT= 2.00] out<- 05:Pipe23      .24     .023 No_date    3:30   30.33  n/a
     [L/S/n=   10./ .500/.013]
     {Vmax=  .771:Dmax=  .086}
     [Din=  .75:Dused=  .75]
003:0460--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe23      .24     .023 No_date    3:30   30.33  n/a
                     + 03:TRA14      4.63     .494 No_date    3:30   36.08  n/a
     [DT= 2.00]  SUM=  06:TRA15      4.87     .517 No_date    3:30   35.80  n/a
003:0461--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:A101        3.00     .373 No_date    3:30   42.23 .758
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 150.:MNI=.013:SCI=   .0]
003:0462--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A101        3.00     .373 No_date    3:30   42.23  n/a
 *   [RDT= 2.00] out<- 02:Pipe24      3.00     .372 No_date    3:30   42.23  n/a
     [L/S/n=   60./ .750/.013]
     {Vmax= 2.015:Dmax=  .298}
     [Din=  .90:Dused=  .90]
003:0463--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:Pipe24      3.00     .372 No_date    3:30   42.23  n/a
 *   [RDT= 2.00] out<- 03:Pipe25      3.00     .372 No_date    3:30   42.23  n/a
     [L/S/n=   36./ .400/.013]
     {Vmax= 1.615:Dmax=  .387}
     [Din=  .75:Dused=  .75]
003:0464--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:TRA15      4.87     .517 No_date    3:30   35.80  n/a
                     + 03:Pipe25      3.00     .372 No_date    3:30   42.23  n/a
     [DT= 2.00]  SUM=  04:TRA101      7.87     .889 No_date    3:30   38.25  n/a
003:0465--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:TRA101      7.87     .889 No_date    3:30   38.25  n/a
 *   [RDT= 2.00] out<- 05:Pipe26      7.87     .887 No_date    3:30   38.25  n/a
     [L/S/n=   51./ .650/.013]
     {Vmax= 2.405:Dmax=  .507}
     [Din=  .90:Dused=  .90]
003:0466--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A102        .74     .107 No_date    3:30   47.96 .861
     [XIMP=.80:TIMP=.80]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  70.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
003:0467--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A102        .74     .107 No_date    3:30   47.96  n/a
 *   [RDT= 2.00] out<- 02:Pipe27      .74     .107 No_date    3:30   47.96  n/a
     [L/S/n=   42./1.000/.013]
     {Vmax= 1.666:Dmax=  .212}
     [Din=  .38:Dused=  .38]
003:0468--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe26      7.87     .887 No_date    3:30   38.25  n/a
                     + 02:Pipe27      .74     .107 No_date    3:30   47.96  n/a
     [DT= 2.00]  SUM=  04:8thSTR      8.61     .994 No_date    3:30   39.09  n/a
003:0469--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:8thSTR      8.61     .994 No_date    3:30   39.09  n/a
 *   [RDT= 2.00] out<- 05:Pipe28      8.61     .992 No_date    3:30   39.09  n/a
     [L/S/n=   88./3.260/.013]
     {Vmax= 4.533:Dmax=  .372}
     [Din=  .75:Dused=  .75]
003:0470--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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 *  CALIB STANDHYD     06:A103        2.55      .334 No_date    3:30    42.23 .758
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
003:0471--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:A103        2.55      .334 No_date    3:30    42.23  n/a
 *   [RDT= 2.00] out<- 07:Pipe29       2.55      .334 No_date    3:30    42.23  n/a
     [L/S/n=   65./2.800/.013]
     [Vmax= 3.175:Dmax=  .214]
     [Din=  .75:Dused=  .75]
003:0472--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe28      8.61      .992 No_date    3:30    39.09  n/a
                     + 07:Pipe29      2.55      .334 No_date    3:30    42.23  n/a
     [DT= 2.00]  SUM=  08:OSCVIb     11.16     1.326 No_date    3:30    39.80  n/a
003:0473--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:AREAB       6.03      .763 No_date    3:30    42.23 .758
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.50:LGP=  55.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI= 320.:MNI=.013:SCI=   .0]
003:0474--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:AREAB       6.03      .763 No_date    3:30    42.23  n/a
                     + 08:OSCVIb     11.16     1.326 No_date    3:30    39.80  n/a
     [DT= 2.00]  SUM=  01:OSCVI      17.19     2.089 No_date    3:30    40.66  n/a
003:0475--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:OSCVI      17.19     2.089 No_date    3:30    40.66  n/a
 *   [RDT= 2.00] out<- 02:Pipe30       17.19     2.084 No_date    3:30    40.66  n/a
     [L/S/n=  150./2.600/.013]
     [Vmax= 4.989:Dmax=  .563]
     [Din=  .90:Dused=  .90]
003:0476--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:HOSP        4.59      .404 No_date    3:32    30.76 .552
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 130.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 300.:MNI=.013:SCI=   .0]
003:0477--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:HOSP        4.59      .404 No_date    3:32    30.76  n/a
 *   [RDT= 2.00] out<- 04:Pipe31       4.59      .405 No_date    3:32    30.76  n/a
     [L/S/n=  118./6.000/.013]
     [Vmax= 4.421:Dmax=  .289]
     [Din=  .38:Dused=  .38]
003:0478--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:Pipe31      4.59      .405 No_date    3:32    30.76  n/a
 *   [RDT= 2.00] out<- 05:Pipe32       4.59      .405 No_date    3:32    30.76  n/a
     [L/S/n=   70./1.100/.013]
     [Vmax= 2.407:Dmax=  .345]
     [Din=  .60:Dused=  .60]
003:0479--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe30     17.19     2.084 No_date    3:30    40.66  n/a
                     + 05:Pipe32      4.59      .405 No_date    3:32    30.76  n/a
     [DT= 2.00]  SUM=  06:TOTHSP     21.78     2.481 No_date    3:30    38.57  n/a
003:0480--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:TOTHSP     21.78     2.481 No_date    3:30    38.57  n/a
 *   [RDT= 2.00] out<- 07:Pipe33       21.78     2.477 No_date    3:30    38.57  n/a
     [L/S/n=   60./4.300/.013]
     [Vmax= 6.304:Dmax=  .534]
     [Din=  .90:Dused=  .90]
003:0481--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:104         4.20      .529 No_date    3:30    42.23 .758
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 300.:MNI=.013:SCI=   .0]
003:0482--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:Pipe33     21.78     2.477 No_date    3:30    38.57  n/a
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                   + 08:104         4.20      .529 No_date    3:30    42.23  n/a
     [DT= 2.00]  SUM=  09:TOT104     25.98     3.007 No_date    3:30    39.16  n/a
003:0483--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 09:TOT104     25.98     3.007 No_date    3:30    39.16  n/a
 *   [RDT= 2.00] out<- 01:Pipe34       25.98     3.002 No_date    3:30    39.16  n/a
     [L/S/n=   59./1.300/.013]
     [Vmax= 4.220:Dmax=  .723]
     [Din= 1.20:Dused= 1.20]
003:0484--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:105         3.59      .361 No_date    3:30    32.19 .578
     [XIMP=.25:TIMP=.25]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=4.00:LGP= 200.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.00:LGI= 200.:MNI=.013:SCI=   .0]
003:0485--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:105         3.59      .361 No_date    3:30    32.19  n/a
 *   [RDT= 2.00] out<- 03:Pipe35       3.59      .359 No_date    3:30    32.19  n/a
     [L/S/n=   70./ .750/.013]
     [Vmax= 2.021:Dmax=  .363]
     [Din=  .60:Dused=  .60]
003:0486--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:Pipe35      3.59      .359 No_date    3:30    32.19  n/a
 *   [RDT= 2.00] out<- 04:Pipe36       3.59      .355 No_date    3:30    32.19  n/a
     [L/S/n=  120./1.050/.013]
     [Vmax= 2.297:Dmax=  .325]
     [Din=  .60:Dused=  .60]
003:0487--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:105.2       2.44      .249 No_date    3:30    33.63 .604
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 300.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 300.:MNI=.013:SCI=   .0]
003:0488--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:Pipe36      3.59      .355 No_date    3:30    32.19  n/a
                     + 05:105.2       2.44      .249 No_date    3:30    33.63  n/a
     [DT= 2.00]  SUM=  06:T105.2      6.03      .605 No_date    3:30    32.77  n/a
003:0489--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:T105.2      6.03      .605 No_date    3:30    32.77  n/a
 *   [RDT= 2.00] out<- 07:Pipe37       6.03      .603 No_date    3:30    32.77  n/a
     [L/S/n=   75./2.800/.013]
     [Vmax= 3.779:Dmax=  .331]
     [Din=  .60:Dused=  .60]
003:0490--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:Pipe37      6.03      .603 No_date    3:30    32.77  n/a
 *   [RDT= 2.00] out<- 08:Pipe38       6.03      .600 No_date    3:30    32.77  n/a
     [L/S/n=   69./2.200/.013]
     [Vmax= 3.442:Dmax=  .356]
     [Din=  .60:Dused=  .60]
003:0491--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     09:AREA A      2.34      .218 No_date    3:30    26.85 .482
     [XIMP=.01:TIMP=.10]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=8.00:LGP= 190.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  10.:MNI=.013:SCI=   .0]
003:0492--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:AREA A      2.34      .218 No_date    3:30    26.85  n/a
                     + 08:Pipe38      6.03      .600 No_date    3:30    32.77  n/a
     [DT= 2.00]  SUM=  02:OSCVIA      8.37      .819 No_date    3:30    31.12  n/a
003:0493--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:OSCVIA      8.37      .819 No_date    3:30    31.12  n/a
 *   [RDT= 2.00] out<- 03:Pipe39       8.37      .817 No_date    3:30    31.12  n/a
     [L/S/n=   50./3.000/.013]
     [Vmax= 4.148:Dmax=  .395]
     [Din=  .60:Dused=  .60]
003:0494--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:Pipe39      8.37      .817 No_date    3:30    31.12  n/a
 *   [RDT= 2.00] out<- 04:Pipe40       8.37      .815 No_date    3:30    31.12  n/a
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     [L/S/n=   30./1.000/.013]
     {Vmax= 2.754:Dmax=  .477}
     [Din=  .75:Dused=  .75}
003:0495----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD          01:Pipe34    25.98     3.002 No_date    3:30   39.16  n/a
                   + 04:Pipe40     8.37      .815 No_date    3:30   31.12  n/a
     [DT= 2.00]  SUM=  05:16&10    34.35     3.817 No_date    3:30   37.20  n/a
003:0496----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE     -> 05:16&10    34.35     3.817 No_date    3:30   37.20  n/a
 *   [RDT= 2.00[ out<- 06:Pipe41    34.35     3.804 No_date    3:30   37.20  n/a
     [L/S/n=   80./ .600/.013]
     {Vmax= 3.349:Dmax=  .922}
     [Din= 1.50:Dused= 1.50}
003:0497----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD   07:999       4.20      .244 No_date    3:30   30.76 .552
     [XIMP=.20:TIMP=.20[
     {LOSS= 2 :CN= 83.0[
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP= 350.:MNP=.100:SCP=   .0[
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI=  60.:MNI=.013:SCI=   .0[
003:0498----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE     -> 07:999       4.20      .244 No_date    3:30   30.76  n/a
 *   [RDT= 2.00] out<- 08:Pipe42    4.20      .242 No_date    3:30   30.76  n/a
     [L/S/n=  100./3.000/.013]
     {Vmax= 3.094:Dmax=  .223}
     [Din=  .45:Dused=  .45}
003:0499----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD          08:Pipe42     4.20      .242 No_date    3:30   30.76  n/a
                   + 06:Pipe41    34.35     3.804 No_date    3:30   37.20  n/a
     [DT= 2.00]  SUM=  09:TRA999   38.55     4.046 No_date    3:30   36.50  n/a
003:0500----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD   01:106       1.95      .167 No_date    3:30   30.76 .552
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  50.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI=  50.:MNI=.013:SCI=   .0]
003:0501----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD          09:TRA999    38.55     4.046 No_date    3:30   36.50  n/a
                   + 01:106       1.95      .167 No_date    3:30   30.76  n/a
     [DT= 2.00]  SUM=  02:TRA106   40.50     4.213 No_date    3:30   36.22  n/a
003:0502----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL  -> 02:TRA106   40.50     4.213 No_date    3:30   36.22  n/a
     [RDT= 2.00] out<- 03:CHAN-1   40.50     4.171 No_date    3:30   36.22  n/a
     [L/S/n=  150./2.000/.035]
     {Vmax= 2.193:Dmax=  .533}
003:0503----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:CHAN-1   40.50     4.171 No_date    3:30   36.22  n/a
     [RDT= 2.00] out<- 04:POND1    40.50      .498 No_date    4:46   36.22  n/a
    {MxStoUsed=.1039E+01}
003:0504----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD   05:107.1      .96      .102 No_date    3:30   36.49 .655
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0[
003:0505----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE     -> 05:107.1      .96      .102 No_date    3:30   36.49  n/a
 *   [RDT= 2.00[ out<- 06:Pipe43     .96      .102 No_date    3:30   36.49  n/a
     [L/S/n=   43./2.400/.013]
     {Vmax= 2.281:Dmax=  .182}
     [Din=  .30:Dused=  .30}
003:0506----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD   07:107.2      .30      .032 No_date    3:30   36.49 .655
     [XIMP=.40:TIMP=.40[
     [LOSS= 2 :CN= 83.0[
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
003:0507----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD          07:107.2      .30      .032 No_date    3:30   36.49  n/a
                   + 06:Pipe43     .96      .102 No_date    3:30   36.49  n/a
     [DT= 2.00[  SUM=  08:T107.2   1.26      .134 No_date    3:30   36.49  n/a
003:0508----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE     -> 08:T107.2   1.26      .134 No_date    3:30   36.49  n/a
 *   [RDT= 2.00[ out<- 09:Pipe44    1.26      .134 No_date    3:30   36.49  n/a
     [L/S/n=   65./2.200/.013[
     {Vmax= 2.371:Dmax=  .191}
     [Din=  .38:Dused=  .38}
003:0509----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD   01:107.3      .30      .032 No_date    3:30   36.49 .655
     [XIMP=.40:TIMP=.40[
     [LOSS= 2 :CN= 83.0[
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0[
003:0510----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD          01:107.3      .30      .032 No_date    3:30   36.49  n/a
                   + 09:Pipe44    1.26      .134 No_date    3:30   36.49  n/a
     [DT= 2.00[  SUM=  02:T107.3   1.56      .166 No_date    3:30   36.50  n/a
003:0511----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE     -> 02:T107.3   1.56      .166 No_date    3:30   36.50  n/a
 *   [RDT= 2.00] out<- 03:Pipe45    1.56      .165 No_date    3:30   36.49  n/a
     [L/S/n=   55./1.900/.013]
     {Vmax= 2.362:Dmax=  .204}
     [Din=  .45:Dused=  .45}
003:0512----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD          03:Pipe45     1.56      .165 No_date    3:30   36.49  n/a
                   + 04:POND1     40.50      .498 No_date    4:46   36.22  n/a
     [DT= 2.00[  SUM=  05:16+10    42.06      .516 No_date    4:44   36.23  n/a
003:0513----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE     -> 05:16+10    42.06      .516 No_date    4:44   36.23  n/a
 *   [RDT= 2.00] out<- 06:Pipe46    42.06      .516 No_date    4:44   36.23  n/a
     [L/S/n=   94./ .600/.013]
     {Vmax= 1.984:Dmax=  .334}
     [Din= 1.20:Dused= 1.20}
003:0514----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD   07:900        7.25      .895 No_date    3:30   42.23 .758
     {XIMP=.60:TIMP=.60[
     [LOSS= 2 :CN= 83.0[
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 100.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 100.:MNI=.013:SCI=   .0]
003:0515----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:900        7.25      .895 No_date    3:30   42.23  n/a
     [RDT= 2.00] out<- 08:POND2      7.25      .515 No_date    3:34   42.23  n/a
    {MxStoUsed=.7548E-01}
003:0516----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE     -> 08:POND2      7.25      .515 No_date    3:34   42.23  n/a
 *   [RDT= 2.00[ out<- 09:Pipe47     7.25      .512 No_date    3:36   42.23  n/a
     [L/S/n=  250./ .400/.013[
     {Vmax= 1.741:Dmax=  .476}
     [Din=  .75:Dused=  .75}
003:0517----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD          09:Pipe47     7.25      .512 No_date    3:36   42.23  n/a
                   + 06:Pipe46    42.06      .516 No_date    4:44   36.23  n/a
     [DT= 2.00[  SUM=  01:TRP2     49.31      .920 No_date    3:32   37.11  n/a
003:0518----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD   02:108        1.10      .117 No_date    3:30   36.49 .655
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0[
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0[
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
003:0519----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD          01:TRP2       49.31      .920 No_date    3:32   37.11  n/a
                   + 02:108        1.10      .117 No_date    3:30   36.49  n/a
     [DT= 2.00]  SUM=  03:T108     50.41     1.029 No_date    3:30   37.10  n/a
003:0520----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE     -> 03:T108     50.41     1.029 No_date    3:30   37.10  n/a
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 *   [RDT= 2.00] out<- 04:Pipe48     50.41     1.024 No_date    3:30   37.10  n/a
     ]L/S/n=   60./ .580/.013]
     {Vmax= 2.382:Dmax=  .487}
     [Din= 1.20:Dused= 1.20}
003:0521---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:Pipe48     50.41     1.024 No_date    3:30   37.10  n/a
 *   [RDT= 2.00] out<- 05:Pipe49     50.41     1.020 No_date    3:30   37.10  n/a
     [L/S/n=   59./ .630/.013]
     {Vmax= 2.451:Dmax=  .474}
     ]Din= 1.20:Dused= 1.20}
003:0522---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:ANDPET      7.70      .641 No_date    3:30   33.71 .605
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 65.0}
     [Pervious      area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.300:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=2.00:LGI= 100.:MNI=.013:SCI=   .0]
003:0523---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:ANDPET      7.70      .641 No_date    3:30   33.71  n/a
     [RDT= 2.00] out<- 07:ANDPND      7.70      .438 No_date    3:32   33.71  n/a
     {MxStoUsed=.5457E-01}
003:0524---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:ANDPND     7.70      .438 No_date    3:32   33.71  n/a
 *   [RDT= 2.00] out<- 08:Pipe50      7.70      .434 No_date    3:32   33.71  n/a
     [L/S/n=   59./ .200/.013]
     {Vmax= 1.272:Dmax=  .546}
     [Din=  .75:Dused=  .75}
003:0525---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe49     50.41     1.020 No_date    3:30   37.10  n/a
                     + 08:Pipe50      7.70      .434 No_date    3:32   33.71  n/a
     [DT= 2.00]  SUM=  09:TOTAND     58.11     1.453 No_date    3:32   36.65  n/a
003:0526---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:RETRES       .90      .098 No_date    3:30   38.90 .698
     [XIMP=.63:TIMP=.63]
     [LOSS= 2 :CN= 65.0]
     [Pervious      area: IAper=5.00:SLPP=1.00:LGP=  20.:MNP=.300:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .50:LGI=  65.:MNI=.013:SCI=   .0]
003:0527---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:RETRES       .90      .098 No_date    3:30   38.90  n/a
 *   [RDT= 2.00] out<- 02:POND3        .90      .100 No_date    3:24   38.90  n/a
     {MxStoUsed=.9107E-02}
003:0528---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TOTAND     58.11     1.453 No_date    3:32   36.65  n/a
                     + 02:POND3        .90      .100 No_date    3:24   38.90  n/a
     [DT= 2.00]  SUM=  05:TOT16      59.01     1.547 No_date    3:30   36.69  n/a
003:0529---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:WLMRT      20.72     2.229 No_date    3:30   41.78 .750
     (XIMP=.65:TIMP=.65]
     ]LOSS= 2 :CN= 76.0]
     ]Pervious      area: IAper=5.00:SLPP=4.20:LGP= 130.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=1.10:LGI= 371.:MNI=.013:SCI=   .0]
003:0530---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:WEXT        1.58      .112 No_date    3:30   20.88 .375
     [CN= 78.0: N= 3.00]
     [Tp=  .11:DT= 2.00]
003:0531---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:WLMRT      20.72     2.229 No_date    3:30   41.78  n/a
                     + 07:WEXT        1.58      .112 No_date    3:30   20.88  n/a
     [DT= 2.00]  SUM=  08:TWLMRT     22.30     2.341 No_date    3:30   40.30  n/a
003:0532---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 08:TWLMRT     22.30     2.341 No_date    3:30   40.30  n/a
     [RDT= 2.00] out<- 09:WMRTPD     22.30      .874 No_date    3:56   40.30  n/a
     {MxStoUsed=.3817E+00}
003:0533---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 09:WMRTPD     22.30      .874 No_date    3:56   40.30  n/a
     [RDT= 2.00] out<- 01:16thST     22.30      .874 No_date    3:56   40.30  n/a
     [L/S/n=  180./ .580/.013]
     {Vmax= 2.294:Dmax=  .474}
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     [Din= 1.05:Dused= 1.05)
003:0534---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CDNT        3.62      .547 No_date    3:30   52.00 .934
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=3.00:LGP=  33.:MNP=.250:SCP=   .0]
     ]Impervious    area: IAimp=2.00:SLPI=1.30:LGI= 273.:MNI=.013:SCI=   .0]
003:0535---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:TOT16      59.01     1.547 No_date    3:30   36.69  n/a
                     + 01:16thST     22.30      .874 No_date    3:56   40.30  n/a
     [DT= 2.00]  SUM=  04:TN1        81.31     2.252 No_date    3:32   37.68  n/a
003:0536---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:CDNT        3.62      .547 No_date    3:30   52.00  n/a
                     + 04:TN1        81.31     2.252 No_date    3:32   37.68  n/a
     [DT= 2.00]  SUM=  03:TND1       84.93     2.769 No_date    3:32   38.29  n/a
003:0537---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:TND1      84.93     2.769 No_date    3:32   38.29  n/a
     [RDT= 2.00] out<- 04:ND1ND2     84.93     2.773 No_date    3:32   38.29  n/a
     [L/S/n=  150./ .730/.013]
     {Vmax= 3.045:Dmax=  .470}
     {HGTH= 1.22:WDTH= 1.93}
003:0538---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA2COM      4.44      .655 No_date    3:30   50.29 .903
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=6.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=3.40:LGI= 149.:MNI=.013:SCI=   .0]
003:0539---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA2COM      4.44      .655 No_date    3:30   50.29  n/a
     [RDT= 2.00] out<- 05:C2APND      4.44      .224 No_date    3:38   50.29  n/a
     {MxStoUsed=.1233E+00}
003:0540---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 05:C2APND     4.44      .224 No_date    3:38   50.29  n/a
     [LAG=  5.7 min]<- 06:SH2a        4.44      .224 No_date    3:42   50.29  n/a
003:0541---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA3a        5.11      .572 No_date    3:30   40.32 .724
     [XIMP=.55:TIMP=.66]
     [LOSS= 2 :CN= 76.0]
     ]Pervious      area: IAper=5.00:SLPP=7.10:LGP=  28.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .40:LGI= 248.:MNI=.013:SCI=   .0]
003:0542---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 07:CA3a       5.11      .572 No_date    3:30   40.32  n/a
     [LAG=  2.5 min]<- 08:SH3a        5.11      .572 No_date    3:32   40.32  n/a
003:0543---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA3b        2.82      .385 No_date    3:30   47.23 .848
     [XIMP=.81:TIMP=.81]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=5.00:LGP=  40.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .80:LGI= 118.:MNI=.013:SCI=   .0]
003:0544---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:ANDCOM      1.10      .168 No_date    3:30   52.00 .934
     [XIMP=.95:TIMP=.95]
     {LOSS= 2 :CN= 76.0]
     {Pervious      area: IAper=5.00:SLPP=1.00:LGP=  10.:MNP=.250:SCP=   .0]
     {Impervious    area: IAimp=2.00:SLPI=2.00:LGI= 115.:MNI=.013:SCI=   .0]
003:0545---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:ANDCOM      1.10      .168 No_date    3:30   52.00  n/a
     [RDT= 2.00] out<- 02:ACPND       1.10      .157 No_date    3:30   52.00  n/a
     {MxStoUsed=.9499E-02}
003:0546---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:ND1ND2     84.93     2.773 No_date    3:32   38.29  n/a
                     + 06:SH2a        4.44      .224 No_date    3:42   50.29  n/a
     [DT= 2.00]  SUM=  03:T2a        89.37     2.948 No_date    3:32   38.88  n/a
003:0547---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T2a        89.37     2.948 No_date    3:32   38.88  n/a
                     + 08:SH3a        5.11      .572 No_date    3:32   40.32  n/a
     {DT= 2.00}  SUM=  04:T2b        94.48     3.520 No_date    3:32   38.96  n/a
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003:0548---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:T2b       94.48    3.520 No_date    3:32   38.96  n/a
                     + 02:ACPND      1.10     .157 No_date    3:30   52.00  n/a
     [DT= 2.00]  SUM=  05:T2c       95.58    3.674 No_date    3:32   39.11  n/a
003:0549---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T2c       95.58    3.674 No_date    3:32   39.11  n/a
                     + 09:CA3b       2.82     .385 No_date    3:30   47.23  n/a
     [DT= 2.00]  SUM=  03:TND2      98.40    4.014 No_date    3:32   39.34  n/a
003:0550---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    03:TND2      98.40    4.014 No_date    3:32   39.34  n/a
       Major System /  04:CHAN       2.30     .994 No_date    3:32   39.34  n/a
       Minor System \  05:PIPE      96.09    3.020 No_date    3:18   39.34  n/a
003:0551---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:PIPE      96.09    3.020 No_date    3:18   39.34  n/a
     [RDT= 2.00] out<- 06:N3N4P     96.09    3.020 No_date    3:48   39.34  n/a
     [L/S/n=  640./ .600/.013]
     [Vmax= 3.043:Dmax=  .985]
     [Din= 1.20:Dused= 1.20]
003:0552---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:CHAN       2.30     .994 No_date    3:32   39.34  n/a
 *   [RDT= 2.00] out<- 07:N2N3C      2.30     .855 No_date    3:34   39.34  n/a
     [L/S/n=  240./ .650/.035]
     [Vmax=  .903:Dmax=  .283]
003:0553---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA1COM     5.30     .778 No_date    3:30   50.29 .903
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI= 146.:MNI=.013:SCI=   .0]
003:0554---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA1IND    10.99    1.425 No_date    3:30   45.18 .811
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.10:LGI= 234.:MNI=.013:SCI=   .0]
003:0555---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:CA1COM     5.30     .778 No_date    3:30   50.29  n/a
                     + 05:CA1IND    10.99    1.425 No_date    3:30   45.18  n/a
     [DT= 2.00]  SUM=  09:TOT1      16.29    2.203 No_date    3:30   46.85  n/a
003:0556---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 09:TOT1      16.29    2.203 No_date    3:30   46.85  n/a
     [RDT= 2.00] out<- 08:C1PND     16.29     .198 No_date    4:44   46.84  n/a
    [MxStoUsed=.5892E+00]
003:0557---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:C1PND     16.29     .198 No_date    4:44   46.84  n/a
     [LAG= 34.4 min]<- 09:SH1       16.29     .198 No_date    5:18   46.84  n/a
003:0558---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:N2N3C      2.30     .855 No_date    3:34   39.34  n/a
                     + 09:SH1       16.29     .198 No_date    5:18   46.84  n/a
     [DT= 2.00]  SUM=  02:T3a       18.59     .875 No_date    3:34   45.91  n/a
003:0559---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA2IND     5.15     .671 No_date    3:30   45.18 .811
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.20:LGI= 227.:MNI=.013:SCI=   .0]
003:0560---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA2IND     5.15     .671 No_date    3:30   45.18  n/a
     [RDT= 2.00] out<- 08:C2BPND     5.15     .159 No_date    4:04   45.18  n/a
    [MxStoUsed=.1435E+00]
003:0561---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:C2BPND     5.15     .159 No_date    4:04   45.18  n/a
     [LAG= 37.7 min]<- 03:SH2b       5.15     .159 No_date    4:40   45.18  n/a
003:0562---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA4       14.53     .884 No_date    3:36   31.53 .566
     [XIMP=.25:TIMP=.44]
     [LOSS= 2 :CN= 76.0]
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     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  73.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .30:LGI= 466.:MNI=.013:SCI=   .0]
003:0563---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T3a       18.59     .875 No_date    3:34   45.91  n/a
                     + 03:SH2b       5.15     .159 No_date    4:40   45.18  n/a
     [DT= 2.00]  SUM=  01:T3a       23.74     .892 No_date    3:34   45.75  n/a
003:0564---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:T3a       23.74     .892 No_date    3:34   45.75  n/a
                     + 04:CA4       14.53     .884 No_date    3:36   31.53  n/a
     [DT= 2.00]  SUM=  03:T3b       38.27    1.765 No_date    3:34   40.36  n/a
003:0565---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:MALL      13.24    1.526 No_date    3:32   47.76 .857
     [XIMP=.63:TIMP=.89]
     [LOSS= 2 :CN= 76.0]
     ]Pervious     area: IAper=5.00:SLPP=1.30:LGP= 120.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .20:LGI= 293.:MNI=.013:SCI=   .0]
003:0566---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:MALL      13.24    1.526 No_date    3:32   47.76  n/a
       Major System /  02:CHAN       2.21     .739 No_date    3:32   47.76  n/a
       Minor System \  04:PIPE      11.03     .787 No_date    3:12   47.76  n/a
003:0567---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T3b       38.27    1.765 No_date    3:34   40.36  n/a
                     + 02:CHAN       2.21     .739 No_date    3:32   47.76  n/a
     [DT= 2.00]  SUM=  05:TND3      40.49    2.484 No_date    3:34   40.76  n/a
003:0568---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND3      40.49    2.484 No_date    3:34   40.76  n/a
     [RDT= 2.00] out<- 07:ND3ND4    40.49    2.244 No_date    3:36   40.76  n/a
     [L/S/n=  390./ .650/.035]
     [Vmax= 1.206:Dmax=  .464]
003:0569---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA5       15.85     .978 No_date    3:30   30.15 .541
     [XIMP=.32:TIMP=.47]
     [LOSS= 2 :CN= 69.0]
     [Pervious     area: IAper=5.00:SLPP=1.50:LGP= 103.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.40:LGI= 289.:MNI=.013:SCI=   .0]
003:0570---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA5       15.85     .978 No_date    3:30   30.15  n/a
     [LAG=  5.9 min]<- 09:SH5       15.85     .978 No_date    3:34   30.15  n/a
003:0571---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:CA6       32.10    1.266 No_date    3:34   30.00 .539
     [XIMP=.20:TIMP=.40]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP= .70:LGP= 135.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 539.:MNI=.013:SCI=   .0]
003:0572---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA6       32.10    1.266 No_date    3:34   30.00  n/a
                     + 09:SH5       15.85     .978 No_date    3:34   30.15  n/a
     [DT= 2.00]  SUM=  02:T56ND3    47.95    2.243 No_date    3:34   30.05  n/a
003:0573---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA7        2.90     .161 No_date    3:30   26.53 .476
     [XIMP=.33:TIMP=.38]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper=6.50:SLPP= .60:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 130.:MNI=.013:SCI=   .0]
003:0574---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:CA7        2.90     .161 No_date    3:30   26.53  n/a
     [LAG=  6.6 min]<- 01:SH7        2.90     .161 No_date    3:36   26.53  n/a
003:0575---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA8        8.01    1.063 No_date    3:30   46.69 .838
     [XIMP=.73:TIMP=.84]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  60.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI=  95.:MNI=.013:SCI=   .0]
003:0576---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:CA8        8.01    1.063 No_date    3:30   46.69  n/a
     [LAG= 21.3 min]<- 08:SH8        8.01    1.063 No_date    3:50   46.69  n/a
003:0577---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    CALIB STANDHYD     09:CA11       4.18     .274 No_date    3:32   30.47 .547
     [XIMP=.28:TIMP=.36]
     [LOSS= 2 :CN= 76.0]
     (Pervious     area: IAper=5.00:SLPP=3.00:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 270.:MNI=.013:SCI=   .0]
003:0578--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:SH7        2.90     .161 No_date    3:36   26.53  n/a
                     + 08:SH8        8.01    1.063 No_date    3:50   46.69  n/a
     [DT= 2.00}  SUM=  05:T7811a    10.91    1.142 No_date    3:38   41.33  n/a
003:0579--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T7811a    10.91    1.142 No_date    3:38   41.33  n/a
                     + 09:CA11       4.18     .274 No_date    3:32   30.47  n/a
     [DT= 2.00]  SUM=  03:T7811b    15.09    1.385 No_date    3:34   38.32  n/a
003:0580--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T7811b    15.09    1.385 No_date    3:34   38.32  n/a
                     + 02:T56ND3    47.95    2.243 No_date    3:34   30.05  n/a
     [DT= 2.00]  SUM=  05:T7811     63.04    3.628 No_date    3:34   32.03  n/a
003:0581--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:ND3ND4    40.49    2.244 No_date    3:36   40.76  n/a
                     + 05:T7811     63.04    3.628 No_date    3:34   32.03  n/a
     [DT= 2.00]  SUM=  02:T56781   103.53    5.834 No_date    3:36   35.44  n/a
003:0582--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA3c       1.14     .108 No_date    3:30   35.76 .642
     [XIMP=.45:TIMP=.50]
     [LOSS= 2 :CN= 76.0]
     (Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.50:LGI=  80.:MNI=.013:SCI=   .0]
003:0583--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:CA3c       1.14     .108 No_date    3:30   35.76  n/a
     (RDT= 2.00] out<- 05:3cPIPE     1.14     .104 No_date    3:30   35.76  n/a
     [L/S/n=  240./ .200/.013]
     (Vmax=  .913:Dmax=  .262)
     (Din=  .60:Dused=  .60)
003:0584--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA4a       1.86     .250 No_date    3:30   46.04 .827
     ]XIMP=.75:TIMP=.80]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  24.:MNP=.250:SCP=   .0]
     ]Impervious   area: IAimp=2.00:SLPI= .70:LGI=  69.:MNI=.013:SCI=   .0]
003:0585--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:PIPE      11.03     .787 No_date    3:12   47.76  n/a
                     + 03:CA4a       1.86     .250 No_date    3:30   46.04  n/a
     [DT= 2.00}  SUM=  08:TMLL4a    12.89    1.037 No_date    3:30   47.51  n/a
003:0586--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TMLL4a    12.89    1.037 No_date    3:30   47.51  n/a
                     + 05:3cPIPE     1.14     .104 No_date    3:30   35.76  n/a
     [DT= 2.00]  SUM=  07:TMLL3c    14.03    1.142 No_date    3:30   46.56  n/a
003:0587--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:TMLL3c    14.03    1.142 No_date    3:30   46.56  n/a
     (RDT= 2.00] out<- 09:ML3CN4    14.03    1.137 No_date    3:30   46.56  n/a
     (L/S/n=  405./ .600/.013]
     (Vmax= 2.126:Dmax=  .276)
     (HGTH= 1.22:WDTH= 1.93}
003:0588--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA6IND     3.04     .393 No_date    3:30   45.18 .811
     ]XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     (Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  87.:MNI=.013:SCI=   .0]
003:0589--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA6IND     3.04     .393 No_date    3:30   45.18  n/a
     [RDT= 2.00] out<- 08:C6APND     3.04     .128 No_date    3:46   45.18  n/a
    (MxStoUsed=.7379E-01}
003:0590--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:C6APND     3.04     .128 No_date    3:46   45.18  n/a
                     + 09:ML3CN4    14.03    1.137 No_date    3:30   46.56  n/a
     [DT= 2.00]  SUM=  01:ML436a    17.07    1.234 No_date    3:30   46.32  n/a
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003:0591--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T56781   103.53    5.834 No_date    3:36   35.44  n/a
                     + 01:ML436a    17.07    1.234 No_date    3:30   46.32  n/a
     [DT= 2.00]  SUM=  03:ML436b   120.59    6.964 No_date    3:36   36.98  n/a
003:0592--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:N3N4P      96.09    3.020 No_date    3:48   39.34  n/a
                     + 03:ML436b   120.59    6.964 No_date    3:36   36.98  n/a
     [DT= 2.00}  SUM=  04:TND4     216.69    9.982 No_date    3:36   38.03  n/a
003:0593--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:TND4     216.69    9.982 No_date    3:36   38.03  n/a
     (RDT= 2.00] out<- 02:ND4ND5    216.69    9.673 No_date    3:38   38.03  n/a
     ]L/S/n=  697./ .650/.035]
     (Vmax= 2.386:Dmax= 1.641}
003:0594--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:MLLRE      1.26     .157 No_date    3:30   42.74 .767
     [XIMP=.60:TIMP=.74]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.90:LGP=  26.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  73.:MNI=.013:SCI=   .0]
003:0595--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:MLLRE      1.26     .157 No_date    3:30   42.74  n/a
     [RDT= 2.00] out<- 04:MLLRCE     1.26     .085 No_date    3:36   42.74  n/a
    (MxStoUsed=.1316E-01}
003:0596--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 04:MLLRCE     1.26     .085 No_date    3:36   42.74  n/a
     [LAG= 18.8 min}<- 05:SHMLRE     1.26     .085 No_date    3:54   42.74  n/a
003:0597--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:MLLRW      1.73     .245 No_date    3:30   49.21 .883
     [XIMP=.82:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.35:LGP=  37.:MNP=.250:SCP=   .0}
     [Impervious   area: IAimp=2.00:SLPI= .42:LGI= 120.:MNI=.013:SCI=   .0]
003:0598--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:MLLRW      1.73     .245 No_date    3:30   49.21  n/a
     (RDT= 2.00] out<- 07:MLLRCW     1.73     .171 No_date    3:34   49.21  n/a
    (MxStoUsed=.2116E-01}
003:0599--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:MLLRCW     1.73     .171 No_date    3:34   49.21  n/a
     [LAG= 13.4 min]<- 08:SHMLRW     1.73     .171 No_date    3:46   49.21  n/a
003:0600--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA9        7.85     .604 No_date    3:30   33.72 .605
     [XIMP=.42:TIMP=.43]
     [LOSS= 2 :CN= 75.0]
     (Pervious     area: IAper=5.00:SLPP=1.60:LGP=  96.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.70:LGI= 207.:MNI=.013:SCI=   .0]
003:0601--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TOTMLR     1.73     .171 No_date    3:46   49.21  n/a
                     + 05:SHMLRE     1.26     .085 No_date    3:54   42.74  n/a
     [DT= 2.00]  SUM=  08:TOTMLR     2.99     .253 No_date    3:48   46.48  n/a
003:0602--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:CA9        7.85     .604 No_date    3:30   33.72  n/a
                     + 08:TOTMLR     2.99     .253 No_date    3:48   46.48  n/a
     [DT= 2.00]  SUM=  03:T9MLR     10.84     .794 No_date    3:30   37.24  n/a
003:0603--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:T9MLR     10.84     .794 No_date    3:30   37.24  n/a
     [LAG= 19.3 min]<- 04:CA9       10.84     .794 No_date    3:48   37.24  n/a
003:0604--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:CA10IN     17.87    2.221 No_date    3:30   45.18 .811
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     ]Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.20:LGI= 427.:MNI=.013:SCI=   .0]
003:0605--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:CA10IN     17.87    2.221 No_date    3:30   45.18  n/a
     [RDT= 2.00] out<- 05:10PND      17.87     .892 No_date    3:50   45.18  n/a
    (MxStoUsed=.3987E+00}
003:0606--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    CALIB STANDHYD     06:CA13       7.15      .530 No_date    3:30   34.67 .622
     [XIMP=.44:TIMP=.54]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  80.:MNI=.013:SCI=   .0]
003:0607---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA14       7.52      .407 No_date    3:30   28.96 .520
     [XIMP=.32:TIMP=.35]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 111.:MNI=.013:SCI=   .0]
003:0608---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:10PND     17.87      .892 No_date    3:50   45.18  n/a
                     + 06:CA13       7.15      .530 No_date    3:30   34.67  n/a
     [DT= 2.00]  SUM=  08:T1013     25.02     1.106 No_date    3:52   42.18  n/a
003:0609---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:T1013     25.02     1.106 No_date    3:52   42.18  n/a
                     + 04:CA9       10.84      .794 No_date    3:48   37.24  n/a
     [DT= 2.00]  SUM=  03:T14       35.86     1.895 No_date    3:48   40.69  n/a
003:0610---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T14       35.86     1.895 No_date    3:48   40.69  n/a
                     + 07:CA14       7.52      .407 No_date    3:30   28.96  n/a
     [DT= 2.00]  SUM=  04:T91013    43.38     2.061 No_date    3:48   38.65  n/a
003:0611---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:ND4ND5   216.69     9.673 No_date    3:38   38.03  n/a
                     + 04:T91013    43.38     2.061 No_date    3:48   38.65  n/a
     [DT= 2.00]  SUM=  07:TND5     260.07    11.501 No_date    3:40   38.13  n/a
003:0612---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 07:TND5     260.07    11.501 No_date    3:40   38.13  n/a
     [RDT= 2.00] out<- 08:ND5ND6   260.07    11.310 No_date    3:42   38.13  n/a
     [L/S/n=  578./1.640/.035]
     {Vmax= 1.983:Dmax= 1.632}
003:0613---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       09:15WHZ      1.38      .056 No_date    3:38   16.61 .298
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
003:0614---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:15WRE      12.42     1.184 No_date    3:30   34.64 .622
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 221.:MNI=.013:SCI=   .0]
003:0615---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:15WRE      12.42     1.184 No_date    3:30   34.64  n/a
     [RDT= 2.00] out<- 02:15WPND     12.42      .274 No_date    4:14   34.64  n/a
     {MxStoUsed=.2554E+00}
003:0616---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:15WPND     12.42      .274 No_date    4:14   34.64  n/a
                     + 09:15WHZ       1.38      .056 No_date    3:38   16.61  n/a
     [DT= 2.00]  SUM=  03:T15W      13.80      .302 No_date    4:08   32.84  n/a
003:0617---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       04:15EHZ      3.15      .128 No_date    3:38   16.61 .298
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
003:0618---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:15EIND     4.89      .613 No_date    3:30   45.18 .811
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 500.:MNI=.013:SCI=   .0]
003:0619---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 05:15EIND     4.89      .613 No_date    3:30   45.18  n/a
     [RDT= 2.00] out<- 06:15EPND     4.89      .159 No_date    4:06   45.18  n/a
     {MxStoUsed=.1318E+00}
003:0620---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:15EHZ      3.15      .128 No_date    3:38   16.61  n/a
                     + 06:15EPND     4.89      .159 No_date    4:06   45.18  n/a
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     [DT= 2.00]  SUM=  07:T15E      8.04      .260 No_date    3:44   33.99  n/a
003:0621---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:T15E       8.04      .260 No_date    3:44   33.99  n/a
                     + 03:T15W      13.80      .302 No_date    4:08   32.84  n/a
     [DT= 2.00]  SUM=  09:T15EW     21.84      .538 No_date    4:02   33.26  n/a
003:0622---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:UNGAS       .99      .077 No_date    3:30   26.14 .469
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  15.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.20:LGI=  90.:MNI=.013:SCI=   .0]
003:0623---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:UNGAS       .99      .077 No_date    3:30   26.14  n/a
     [RDT= 2.00] out<- 02:UNGPND      .99      .023 No_date    4:02   26.14  n/a
     {MxStoUsed=.1161E-01}
003:0624---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 02:UNGPND      .99      .023 No_date    4:02   26.14  n/a
     {LAG= 16.3 min]<- 03:SHUNGS      .99      .023 No_date    4:18   26.14  n/a
003:0625---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:T15EW     21.84      .538 No_date    4:02   33.26  n/a
                     + 03:SHUNGS       .99      .023 No_date    4:18   26.14  n/a
     [DT= 2.00]  SUM=  04:T15       22.83      .561 No_date    4:02   32.95  n/a
003:0626---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA16I      26.59     3.224 No_date    3:30   45.18 .811
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 551.:MNI=.013:SCI=   .0]
003:0627---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:CA16I      26.59     3.224 No_date    3:30   45.18  n/a
     [RDT= 2.00] out<- 07:15BPND     26.59      .381 No_date    4:44   45.18  n/a
     {MxStoUsed=.8838E+00}
003:0628---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:15BPND     26.59      .381 No_date    4:44   45.18  n/a
                     + 04:T15       22.83      .561 No_date    4:02   32.95  n/a
     [DT= 2.00]  SUM=  09:T1516     49.42      .898 No_date    4:10   39.53  n/a
003:0629---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:ND5ND6   260.07    11.310 No_date    3:42   38.13  n/a
                     + 09:T1516     49.42      .898 No_date    4:10   39.53  n/a
     [DT= 2.00]  SUM=  03:TND6     309.49    12.068 No_date    3:44   38.36  n/a
003:0630---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 03:TND6     309.49    12.068 No_date    3:44   38.36  n/a
     [RDT= 2.00] out<- 02:ND6ND8   309.49    12.006 No_date    3:46   38.36  n/a
     [L/S/n=  503./1.290/.035]
     {Vmax= 2.740:Dmax= 1.247}
003:0631---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA17RW      6.93      .666 No_date    3:30   34.64 .622
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.80:LGI= 263.:MNI=.013:SCI=   .0]
003:0632---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 05:CA17RW      6.93      .666 No_date    3:30   34.64  n/a
     [RDT= 2.00] out<- 03:17WPND      6.93      .405 No_date    3:42   34.64  n/a
     {MxStoUsed=.7469E-01}
003:0633---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:17WOS      2.11      .125 No_date    3:34   19.75 .355
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
003:0634---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:17WPND      6.93      .405 No_date    3:42   34.64  n/a
                     + 05:17WOS       2.11      .125 No_date    3:34   19.75  n/a
     [DT= 2.00]  SUM=  04:T17W       9.04      .515 No_date    3:38   31.17  n/a
003:0635---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA17RE      3.51      .335 No_date    3:30   34.64 .622
     {XIMP=.30:TIMP=.55}
     [LOSS= 2 :CN= 76.0]
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     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.40:LGI= 246.:MNI=.013:SCI=   .0]
003:0636---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       08:CA17OS     6.57      .390 No_date    3:34   19.75 .355
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
003:0637---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:CA17OS     6.57      .390 No_date    3:34   19.75  n/a
                     + 06:CA17RE     3.51      .335 No_date    3:30   34.64  n/a
     [DT= 2.00]  SUM=  09:T17E      10.08      .710 No_date    3:32   24.93  n/a
003:0638---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 09:T17E      10.08      .710 No_date    3:32   24.93  n/a
     [RDT= 2.00] out<- 01:17EPND    10.08      .603 No_date    3:38   24.93  n/a
     {MxStoUsed=.3821E-01}
003:0639---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:17EPND     10.08      .603 No_date    3:38   24.93  n/a
                     + 04:T17W        9.04      .515 No_date    3:38   31.17  n/a
     [DT= 2.00]  SUM=  09:T17RES     19.12     1.118 No_date    3:38   27.88  n/a
003:0640---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:ND6ND8    309.49    12.006 No_date    3:46   38.36  n/a
                     + 09:T17RES     19.12     1.118 No_date    3:38   27.88  n/a
     [DT= 2.00]  SUM=  05:TND8      328.61    13.013 No_date    3:46   37.75  n/a
003:0641---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND8      328.61    13.013 No_date    3:46   37.75  n/a
     [RDT= 2.00] out<- 06:ND8ND9    328.61    12.950 No_date    3:48   37.75  n/a
     [L/S/n=  405./1.480/.045]
     {Vmax= 2.165:Dmax= 1.030}
003:0642---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:CA18       12.02      .421 No_date    3:50   19.00 .341
     [CN= 78.0: N= 3.00]
     [Tp=  .41:DT= 2.00]
003:0643---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:CA18       12.02      .421 No_date    3:50   19.00  n/a
                     + 06:ND8ND9    328.61    12.950 No_date    3:48   37.75  n/a
     [DT= 2.00]  SUM=  08:TND9      340.63    13.369 No_date    3:48   37.09  n/a
003:0644---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 08:TND9      340.63    13.369 No_date    3:48   37.09  n/a
     [RDT= 2.00] out<- 09:ND9ND1    340.63    13.271 No_date    3:52   37.09  n/a
     [L/S/n=  505./1.900/.045]
     {Vmax= 2.148:Dmax=  .802}
003:0645---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:CA18        1.18      .058 No_date    3:34   16.61 .298
     [CN= 74.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
003:0646---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CA19IN      7.54      .958 No_date    3:30   45.18 .811
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 194.:MNI=.013:SCI=   .0]
003:0647---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA18        1.18      .058 No_date    3:34   16.61  n/a
                     + 02:CA19IN      7.54      .958 No_date    3:30   45.18  n/a
     [DT= 2.00]  SUM=  03:T1819       8.72     1.012 No_date    3:30   41.32  n/a
003:0648---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T1819       8.72     1.012 No_date    3:30   41.32  n/a
                     + 09:ND9ND1    340.63    13.271 No_date    3:52   37.09  n/a
     [DT= 2.00]  SUM=  04:TND10     349.35    13.629 No_date    3:50   37.19  n/a
 ** END OF RUN :   3

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RUN:COMMAND#
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004:0651---------------------------------------------------------------------
    START
     [TZERO =    .00 hrs on        0]
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 ]
     [NRUN  =   4 ]
*$*****************************************************************************
*$  Project Name: [Owen Sound Drainage Study]    Project Number: [MCG 10665]
*$  Date        : 04-12-2007
*$  Modeller    : [T.Lozon]
*$  Company     : R.J. Burnside and Associates
*$  License #   :  3846413
004:0653---------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  = 25-Year SCS Type-II Storm Distribution (6-hour) Owen Sound,
     [SDT=30.00:SDUR=   6.50:PTOT= 65.00]
004:0654---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:TRA7       1.82      .251 No_date    3:30   48.40 .745
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP= .50:LGP=  70.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 170.:MNI=.013:SCI=   .0]
004:0655---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:A8          .28      .038 No_date    3:30   44.75 .688
     {XIMP=.50:TIMP=.50}
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  82.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  82.:MNI=.013:SCI=   .0]
004:0656---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A8          .28      .038 No_date    3:30   44.75  n/a
 *   [RDT= 2.00] out<- 02:Pipe16      .28      .038 No_date    3:30   44.75  n/a
     [L/S/n=   15./2.000/.013]
     {Vmax= 1.548:Dmax=  .088}
     [Din=  .53:Dused=  .53]
004:0657---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe16      .28      .038 No_date    3:30   44.75  n/a
                     + 04:TRA7       1.82      .251 No_date    3:30   48.40  n/a
     [DT= 2.00]  SUM=  03:TRA8       2.10      .289 No_date    3:30   47.91  n/a
004:0658---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A9          .28      .029 No_date    3:30   30.15 .464
     [XIMP=.10:TIMP=.10]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=4.10:LGP= 100.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI=  35.:MNI=.013:SCI=   .0]
004:0659---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:A9          .28      .029 No_date    3:30   30.15  n/a
 *   [RDT= 2.00] out<- 05:Pipe17      .28      .029 No_date    3:30   30.15  n/a
     [L/S/n=   29./2.000/.013]
     {Vmax= 1.411:Dmax=  .077}
     [Din=  .53:Dused=  .53]
004:0660---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe17      .28      .029 No_date    3:30   30.15  n/a
                     + 03:TRA8       2.10      .289 No_date    3:30   47.91  n/a
     [DT= 2.00]  SUM=  06:TRA9       2.38      .318 No_date    3:30   45.80  n/a
004:0661---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:A10         .59      .080 No_date    3:30   44.75 .688
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  73.:MNI=.013:SCI=   .0]
004:0662---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:A10         .59      .080 No_date    3:30   44.75  n/a
 *   [RDT= 2.00] out<- 08:Pipe18      .59      .079 No_date    3:30   44.75  n/a
     [L/S/n=   60./2.000/.013]
     {Vmax= 1.927:Dmax=  .128}
     [Din=  .53:Dused=  .53]
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004:0663---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe18       .59     .079 No_date    3:30   44.75  n/a
                    +   06:TRA9        2.38     .318 No_date    3:30   45.80  n/a
     [DT= 2.00]  SUM=   09:TRA10       2.97     .397 No_date    3:30   45.59  n/a
004:0664---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:A11          .82     .111 No_date    3:30   44.75 .688
     {XIMP=.50:TIMP=.50}
     {LOSS= 2 :CN= 77.0}
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  67.:MNI=.013:SCI=    .0]
004:0665---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A11          .82     .111 No_date    3:30   44.75  n/a
 *   {RDT= 2.00} out<- 02:Pipe19       .82     .111 No_date    3:30   44.75  n/a
     {L/S/n=   59./2.000/.013}
     {Vmax= 2.126:Dmax=  .151}
     {Din=  .53:Dused=  .53}
004:0666---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:TRA10       2.97     .397 No_date    3:30   45.59  n/a
                    +   02:Pipe19       .82     .111 No_date    3:30   44.75  n/a
     [DT= 2.00]  SUM=   03:TRA11       3.80     .508 No_date    3:30   45.41  n/a
004:0667---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      04:A12          .30     .033 No_date    3:30   33.80 .520
     {XIMP=.20:TIMP=.20}
     {LOSS= 2 :CN= 77.0}
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  58.:MNI=.013:SCI=    .0]
004:0668---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A12          .30     .033 No_date    3:30   33.80  n/a
 *   {RDT= 2.00[ out<- 05:Pipe20       .30     .032 No_date    3:30   33.80  n/a
     {L/S/n=   69./2.000/.013}
     {Vmax= 1.493:Dmax=  .082}
     {Din=  .53:Dused=  .53}
004:0669---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe20       .30     .032 No_date    3:30   33.80  n/a
                    +   03:TRA11       3.80     .508 No_date    3:30   45.41  n/a
     [DT= 2.00]  SUM=   06:TRA12       4.10     .540 No_date    3:30   44.56  n/a
004:0670---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      07:A13          .31     .037 No_date    3:30   37.45 .576
     {XIMP=.30:TIMP=.30}
     {LOSS= 2 :CN= 77.0}
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  68.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  68.:MNI=.013:SCI=    .0[
004:0671---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:A13          .31     .037 No_date    3:30   37.45  n/a
 *   {RDT= 2.00} out<- 08:Pipe21       .31     .037 No_date    3:30   37.45  n/a
     {L/S/n=   53./1.900/.013}
     {Vmax= 1.505:Dmax=  .088}
     {Din=  .53:Dused=  .53}
004:0672---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe21       .31     .037 No_date    3:30   37.45  n/a
                    +   06:TRA12       4.10     .540 No_date    3:30   44.56  n/a
     [DT= 2.00]  SUM=   09:TRA13       4.41     .577 No_date    3:30   44.06  n/a
004:0673---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:A14          .22     .027 No_date    3:30   37.45 .576
     {XIMP=.30:TIMP=.30}
     {LOSS= 2 :CN= 77.0}
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=    .0]
004:0674---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A14          .22     .027 No_date    3:30   37.45  n/a
 *   {RDT= 2.00} out<- 02:Pipe22       .22     .027 No_date    3:30   37.45  n/a
     {L/S/n=   52./1.250/.013}
     {Vmax= 1.143:Dmax=  .080}
     {Din=  .60:Dused=  .60}
004:0675---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:Pipe22       .22     .027 No_date    3:30   37.45  n/a
                    +   09:TRA13       4.41     .577 No_date    3:30   44.06  n/a
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     [DT= 2.00]  SUM=   03:TRA14       4.63     .604 No_date    3:30   43.74  n/a
004:0676---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      04:A15          .24     .029 No_date    3:30   37.45 .576
     {XIMP=.30:TIMP=.30}
     {LOSS= 2 :CN= 77.0}
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=    .0]
004:0677---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A15          .24     .029 No_date    3:30   37.45  n/a
 *   {RDT= 2.00} out<- 05:Pipe23       .24     .029 No_date    3:30   37.45  n/a
     {L/S/n=   10./ .500/.013[
     {Vmax=  .817:Dmax=  .096}
     {Din=  .75:Dused=  .75}
004:0678---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe23       .24     .029 No_date    3:30   37.45  n/a
                    +   03:TRA14       4.63     .604 No_date    3:30   43.74  n/a
     [DT= 2.00]  SUM=   06:TRA15       4.87     .632 No_date    3:30   43.43  n/a
004:0679---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:A101         3.00     .453 No_date    3:30   50.65 .779
     {XIMP=.60:TIMP=.60}
     {LOSS= 2 :CN= 83.0}
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 150.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 150.:MNI=.013:SCI=    .0]
004:0680---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A101         3.00     .453 No_date    3:30   50.65  n/a
 *   {RDT= 2.00} out<- 02:Pipe24       3.00     .452 No_date    3:30   50.65  n/a
     {L/S/n=   60./ .750/.013}
     {Vmax= 2.133:Dmax=  .331}
     {Din=  .90:Dused=  .90}
004:0681---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:Pipe24       3.00     .452 No_date    3:30   50.65  n/a
 *   {RDT= 2.00} out<- 03:Pipe25       3.00     .451 No_date    3:30   50.65  n/a
     {L/S/n=   36./ .400/.013}
     {Vmax= 1.693:Dmax=  .437}
     {Din=  .75:Dused=  .75}
004:0682---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             06:TRA15       4.87     .632 No_date    3:30   43.43  n/a
                    +   03:Pipe25       3.00     .451 No_date    3:30   50.65  n/a
     [DT= 2.00]  SUM=   04:TRA101      7.87    1.084 No_date    3:30   46.19  n/a
004:0683---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:TRA101      7.87    1.084 No_date    3:30   46.19  n/a
 *   {RDT= 2.00} out<- 05:Pipe26       7.87    1.081 No_date    3:30   46.19  n/a
     {L/S/n=   51./ .650/.013}
     {Vmax= 2.513:Dmax=  .577}
     {Din=  .90:Dused=  .90}
004:0684---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:A102         .74     .127 No_date    3:30   56.83 .874
     {XIMP=.80:TIMP=.80}
     {LOSS= 2 :CN= 83.0}
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  70.:MNP=.013:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=    .0]
004:0685---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A102         .74     .127 No_date    3:30   56.83  n/a
 *   {RDT= 2.00} out<- 02:Pipe27       .74     .126 No_date    3:30   56.83  n/a
     {L/S/n=   42./1.000/.013}
     {Vmax= 1.729:Dmax=  .236}
     {Din=  .38:Dused=  .38}
004:0686---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe26      7.87    1.081 No_date    3:30   46.19  n/a
                    +   02:Pipe27       .74     .126 No_date    3:30   56.83  n/a
     [DT= 2.00]  SUM=   04:8thSTR      8.61    1.208 No_date    3:30   47.10  n/a
004:0687---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:8thSTR      8.61    1.208 No_date    3:30   47.10  n/a
 *   {RDT= 2.00} out<- 05:Pipe28       8.61    1.206 No_date    3:30   47.10  n/a
     {L/S/n=   88./3.260/.013}
     {Vmax= 4.755:Dmax=  .419}
     {Din=  .75:Dused=  .75}
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004:0688---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     06:A103       2.55     .401 No_date    3:30   50.65 .779
    [XIMP=.60:TIMP=.60]
    [LOSS= 2 :CN= 83.0]
    [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.013:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
004:0689---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:A103       2.55     .401 No_date    3:30   50.65  n/a
 *  [RDT= 2.00] out<- 07:Pipe29      2.55     .400 No_date    3:30   50.65  n/a
    [L/S/n=   65./2.800/.013]
    {Vmax= 3.361:Dmax=  .236}
    [Din=  .75:Dused=  .75]
004:0690---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe28     8.61    1.206 No_date    3:30   47.10  n/a
                  +  07:Pipe29      2.55     .400 No_date    3:30   50.65  n/a
    [DT= 2.00]  SUM=  08:OSCVIb    11.16    1.606 No_date    3:30   47.91  n/a
004:0691---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:AREAB      6.03     .918 No_date    3:30   50.65 .779
    [XIMP=.60:TIMP=.60]
    [LOSS= 2 :CN= 83.0]
    [Pervious     area: IAper=5.00:SLPP=3.50:LGP=  55.:MNP=.030:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=3.00:LGI= 320.:MNI=.013:SCI=   .0]
004:0692---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:AREAB      6.03     .918 No_date    3:30   50.65  n/a
                  +  08:OSCVIb    11.16    1.606 No_date    3:30   47.91  n/a
    [DT= 2.00]  SUM=  01:OSCVI     17.19    2.524 No_date    3:30   48.87  n/a
004:0693---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:OSCVI     17.19    2.524 No_date    3:30   48.87  n/a
 *  [RDT= 2.00] out<- 02:Pipe30     17.19    2.518 No_date    3:30   48.87  n/a
    [L/S/n=  150./2.600/.013]
    {Vmax= 5.164:Dmax=  .646}
    [Din=  .90:Dused=  .90]
004:0694---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:HOSP       4.59     .512 No_date    3:30   38.31 .589
    [XIMP=.20:TIMP=.20]
    [LOSS= 2 :CN= 83.0]
    [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 130.:MNP=.013:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 300.:MNI=.013:SCI=   .0]
004:0695---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:HOSP       4.59     .512 No_date    3:30   38.31  n/a
 *  [RDT= 2.00] out<- 04:Pipe31      4.59     .513 No_date    3:32   38.31  n/a
    [L/S/n=  118./6.000/.013]
    {Vmax= 4.630:Dmax=  .329}
    [Din=  .38:Dused=  .40]
004:0696---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:Pipe31      4.59     .513 No_date    3:32   38.31  n/a
 *  [RDT= 2.00] out<- 05:Pipe32      4.59     .514 No_date    3:32   38.31  n/a
    [L/S/n=   70./1.100/.013]
    {Vmax= 2.529:Dmax=  .405}
    [Din=  .60:Dused=  .60]
004:0697---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe30     17.19    2.518 No_date    3:30   48.87  n/a
                  +  05:Pipe32      4.59     .514 No_date    3:32   38.31  n/a
    [DT= 2.00]  SUM=  06:TOTHSP     21.78    3.022 No_date    3:30   46.65  n/a
004:0698---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:TOTHSP     21.78    3.022 No_date    3:30   46.65  n/a
 *  [RDT= 2.00] out<- 07:Pipe33      21.78    3.019 No_date    3:30   46.65  n/a
    [L/S/n=   60./4.300/.013]
    {Vmax= 6.566:Dmax=  .612}
    [Din=  .90:Dused=  .90]
004:0699---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:104        4.20     .637 No_date    3:30   50.65 .779
    [XIMP=.60:TIMP=.60]
    [LOSS= 2 :CN= 83.0]
    [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.013:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 300.:MNI=.013:SCI=   .0]
004:0700---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            07:Pipe33     21.78    3.019 No_date    3:30   46.65  n/a
                  +  08:104         4.20     .637 No_date    3:30   50.65  n/a
    [DT= 2.00]  SUM=  09:TOT104     25.98    3.656 No_date    3:30   47.30  n/a
004:0701---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 09:TOT104     25.98    3.656 No_date    3:30   47.30  n/a
 *  [RDT= 2.00] out<- 01:Pipe34      25.98    3.651 No_date    3:30   47.30  n/a
    [L/S/n=   59./1.300/.013]
    {Vmax= 4.389:Dmax=  .829}
    [Din= 1.20:Dused= 1.20]
004:0702---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:105        3.59     .459 No_date    3:30   39.85 .613
    [XIMP=.25:TIMP=.25]
    [LOSS= 2 :CN= 83.0]
    [Pervious     area: IAper=5.00:SLPP=4.00:LGP= 200.:MNP=.013:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=4.00:LGI= 200.:MNI=.013:SCI=   .0]
004:0703---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:105        3.59     .459 No_date    3:30   39.85  n/a
 *  [RDT= 2.00] out<- 03:Pipe35      3.59     .456 No_date    3:30   39.85  n/a
    [L/S/n=   70./ .750/.013]
    {Vmax= 2.116:Dmax=  .430}
    [Din=  .60:Dused=  .60]
004:0704---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe35      3.59     .456 No_date    3:30   39.85  n/a
 *  [RDT= 2.00] out<- 04:Pipe36      3.59     .452 No_date    3:30   39.85  n/a
    [L/S/n=  120./1.050/.013]
    {Vmax= 2.427:Dmax=  .379}
    [Din=  .60:Dused=  .60]
004:0705---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:105.2      2.44     .310 No_date    3:30   41.40 .637
    [XIMP=.30:TIMP=.30]
    [LOSS= 2 :CN= 83.0]
    [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 300.:MNP=.013:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 300.:MNI=.013:SCI=   .0]
004:0706---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:Pipe36     3.59     .452 No_date    3:30   39.85  n/a
                  +  05:105.2       2.44     .310 No_date    3:30   41.40  n/a
    [DT= 2.00]  SUM=  06:T105.2      6.03     .763 No_date    3:30   40.48  n/a
004:0707---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:T105.2      6.03     .763 No_date    3:30   40.48  n/a
 *  [RDT= 2.00] out<- 07:Pipe37      6.03     .760 No_date    3:30   40.48  n/a
    [L/S/n=   75./2.800/.013]
    {Vmax= 3.980:Dmax=  .385}
    [Din=  .60:Dused=  .60]
004:0708---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:Pipe37      6.03     .760 No_date    3:30   40.48  n/a
 *  [RDT= 2.00] out<- 08:Pipe38      6.03     .758 No_date    3:30   40.48  n/a
    [L/S/n=   69./2.200/.013]
    {Vmax= 3.605:Dmax=  .419}
    [Din=  .60:Dused=  .60]
004:0709---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     09:AREA A     2.34     .284 No_date    3:30   34.21 .526
    [XIMP=.01:TIMP=.10]
    [LOSS= 2 :CN= 83.0]
    [Pervious     area: IAper=5.00:SLPP=8.00:LGP= 190.:MNP=.030:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  10.:MNI=.013:SCI=   .0]
004:0710---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:AREA A     2.34     .284 No_date    3:30   34.21  n/a
                  +  08:Pipe38      6.03     .758 No_date    3:30   40.48  n/a
    [DT= 2.00]  SUM=  02:OSCVIA     8.37    1.042 No_date    3:30   38.72  n/a
004:0711---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:OSCVIA      8.37    1.042 No_date    3:30   38.72  n/a
 *  [RDT= 2.00] out<- 03:Pipe39      8.37    1.040 No_date    3:30   38.72  n/a
    [L/S/n=   50./3.000/.013]
    {Vmax= 4.287:Dmax=  .482}
    [Din=  .60:Dused=  .60]
004:0712---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe39      8.37    1.040 No_date    3:30   38.72  n/a
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 *   [RDT= 2.00] out<- 04:Pipe40      8.37     1.038 No_date    3:30   38.72  n/a
     [L/S/n=   30./1.000/.013]
     {Vmax= 2.863:Dmax=  .575}
     [Din=  .75:Dused=  .75}
004:0713--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:Pipe34     25.98     3.651 No_date    3:30   47.30  n/a
                      + 04:Pipe40      8.37     1.038 No_date    3:30   38.72  n/a
     [DT= 2.00]  SUM=  05:16&10      34.35     4.688 No_date    3:30   45.21  n/a
004:0714--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:16&10     34.35     4.688 No_date    3:30   45.21  n/a
 *   [RDT= 2.00] out<- 06:Pipe41     34.35     4.674 No_date    3:30   45.21  n/a
     [L/S/n=   80./ .600/.013]
     [Vmax= 3.482:Dmax= 1.069}
     [Din= 1.50:Dused= 1.50}
004:0715--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      07:999        4.20      .324 No_date    3:30   38.31 .589
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP= 350.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI=  60.:MNI=.013:SCI=   .0]
004:0716--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:999        4.20      .324 No_date    3:30   38.31  n/a
 *   [RDT= 2.00] out<- 08:Pipe42      4.20      .321 No_date    3:30   38.31  n/a
     [L/S/n=  100./3.000/.013]
     [Vmax= 3.312:Dmax=  .266}
     [Din=  .45:Dused=  .45}
004:0717--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe42      4.20      .321 No_date    3:30   38.31  n/a
                      + 06:Pipe41     34.35     4.674 No_date    3:30   45.21  n/a
     [DT= 2.00]  SUM=  09:TRA999      38.55     4.994 No_date    3:30   44.46  n/a
004:0718--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:106        1.95      .218 No_date    3:30   38.31 .589
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  50.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI=  50.:MNI=.013:SCI=   .0]
004:0719--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:TRA999     38.55     4.994 No_date    3:30   44.46  n/a
                      + 01:106         1.95      .218 No_date    3:30   38.31  n/a
     [DT= 2.00]  SUM=  02:TRA106      40.50     5.212 No_date    3:30   44.16  n/a
004:0720--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 02:TRA106     40.50     5.212 No_date    3:30   44.16  n/a
     [RDT= 2.00] out<- 03:CHAN-1     40.50     5.165 No_date    3:30   44.16  n/a
     [L/S/n=  150./2.000/.035]
     [Vmax= 2.324:Dmax=  .592}
004:0721--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:CHAN-1     40.50     5.165 No_date    3:30   44.16  n/a
     [RDT= 2.00] out<- 04:POND1      40.50      .957 No_date    4:16   44.16  n/a
    {MxStoUsed=.1174E+01}
004:0722--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      05:107.1       .96      .126 No_date    3:30   44.48 .684
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
004:0723--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:107.1       .96      .126 No_date    3:30   44.48  n/a
 *   [RDT= 2.00] out<- 06:Pipe43       .96      .126 No_date    3:30   44.48  n/a
     [L/S/n=   43./2.400/.013]
     [Vmax= 2.375:Dmax=  .211}
     [Din=  .30:Dused=  .30}
004:0724--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      07:107.2       .30      .039 No_date    3:30   44.48 .684
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
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004:0725--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:107.2       .30      .039 No_date    3:30   44.48  n/a
                      + 06:Pipe43       .96      .126 No_date    3:30   44.48  n/a
     [DT= 2.00]  SUM=  08:T107.2      1.26      .165 No_date    3:30   44.48  n/a
004:0726--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 08:T107.2      1.26      .165 No_date    3:30   44.48  n/a
 *   [RDT= 2.00] out<- 09:Pipe44       1.26      .165 No_date    3:30   44.48  n/a
     [L/S/n=   65./2.200/.013]
     {Vmax= 2.495:Dmax=  .217}
     [Din=  .38:Dused=  .38}
004:0727--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:107.3       .30      .039 No_date    3:30   44.48 .684
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
004:0728--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:107.3       .30      .039 No_date    3:30   44.48  n/a
                      + 09:Pipe44      1.26      .165 No_date    3:30   44.48  n/a
     [DT= 2.00]  SUM=  02:T107.3      1.56      .204 No_date    3:30   44.48  n/a
004:0729--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:T107.3      1.56      .204 No_date    3:30   44.48  n/a
 *   [RDT= 2.00] out<- 03:Pipe45      1.56      .203 No_date    3:30   44.48  n/a
     [L/S/n=   55./1.900/.013]
     [Vmax= 2.493:Dmax=  .230}
     [Din=  .45:Dused=  .45}
004:0730--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:Pipe45      1.56      .203 No_date    3:30   44.48  n/a
                      + 04:POND1      40.50      .957 No_date    4:16   44.16  n/a
     [DT= 2.00]  SUM=  05:16+10      42.06      .992 No_date    4:14   44.17  n/a
004:0731--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:16+10      42.06      .992 No_date    4:14   44.17  n/a
 *   [RDT= 2.00] out<- 06:Pipe46      42.06      .992 No_date    4:16   44.17  n/a
     [L/S/n=   94./ .600/.013]
     {Vmax= 2.387:Dmax=  .473}
     [Din= 1.20:Dused= 1.20}
004:0732--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      07:900         7.25     1.078 No_date    3:30   50.65 .779
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 100.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 100.:MNI=.013:SCI=   .0]
004:0733--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:900         7.25     1.078 No_date    3:30   50.65  n/a
     [RDT= 2.00] out<- 08:POND2       7.25      .566 No_date    3:34   50.65  n/a
    {MxStoUsed=.9818E-01}
004:0734--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 08:POND2      7.25      .566 No_date    3:34   50.65  n/a
 *   [RDT= 2.00] out<- 09:Pipe47      7.25      .564 No_date    3:36   50.65  n/a
     [L/S/n=  250./ .400/.013]
     {Vmax= 1.773:Dmax=  .509}
     [Din=  .75:Dused=  .75}
004:0735--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:Pipe47      7.25      .564 No_date    3:36   50.65  n/a
                      + 06:Pipe46     42.06      .992 No_date    4:16   44.17  n/a
     [DT= 2.00]  SUM=  01:TRP2        49.31     1.455 No_date    4:10   45.12  n/a
004:0736--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      02:108         1.10      .145 No_date    3:30   44.48 .684
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
004:0737--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:TRP2        49.31     1.455 No_date    4:10   45.12  n/a
                      + 02:108         1.10      .145 No_date    3:30   44.48  n/a
     [DT= 2.00]  SUM=  03:T108        50.41     1.483 No_date    4:10   45.11  n/a
004:0738--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ROUTE PIPE      -> 03:T108      50.41    1.483 No_date    4:10   45.11  n/a
 *   [RDT= 2.00] out<- 04:Pipe48     50.41    1.483 No_date    4:10   45.11  n/a
     [L/S/n=   60./ .580/.013]
     (Vmax= 2.622:Dmax=  .599)
     [Din= 1.20:Dused= 1.20)
004:0739--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:Pipe48     50.41    1.483 No_date    4:10   45.11  n/a
 *   [RDT= 2.00] out<- 05:Pipe49     50.41    1.483 No_date    4:10   45.11  n/a
     [L/S/n=   59./ .630/.013]
     (Vmax= 2.705:Dmax=  .585)
     [Din= 1.20:Dused= 1.20)
004:0740--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:ANDPET      7.70     .768 No_date    3:30   40.65 .625
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.300:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 100.:MNI=.013:SCI=   .0]
004:0741--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:ANDPET     7.70     .768 No_date    3:30   40.65  n/a
     [RDT= 2.00] out<- 07:ANDPND     7.70     .503 No_date    3:32   40.65  n/a
     (MxStoUsed=.6808E-01)
004:0742--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:ANDPND     7.70     .503 No_date    3:32   40.65  n/a
 *   [RDT= 2.00] out<- 08:Pipe50     7.70     .503 No_date    3:32   40.65  n/a
     [L/S/n=   59./ .200/.013]
     [Vmax= 1.288:Dmax=  .618)
     [Din=  .75:Dused=  .75)
004:0743--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe49    50.41    1.483 No_date    4:10   45.11  n/a
                      + 08:Pipe50     7.70     .503 No_date    3:32   40.65  n/a
     [DT= 2.00]  SUM=  09:TOTAND    58.11    1.837 No_date    4:08   44.52  n/a
004:0744--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:RETRES       .90     .118 No_date    3:30   46.46 .715
     [XIMP=.63:TIMP=.63]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  20.:MNP=.300:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI=  65.:MNI=.013:SCI=   .0]
004:0745--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:RETRES       .90     .118 No_date    3:30   46.46  n/a
     [RDT= 2.00] out<- 02:POND3        .90     .117 No_date    3:30   46.46  n/a
     (MxStoUsed=.9169E-02)
004:0746--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:TOTAND    58.11    1.837 No_date    4:08   44.52  n/a
                      + 02:POND3        .90     .117 No_date    3:30   46.46  n/a
     [DT= 2.00]  SUM=  05:TOT16     59.01    1.875 No_date    4:08   44.55  n/a
004:0747--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:WLMRT     20.72    2.665 No_date    3:30   49.94 .768
     [XIMP=.65:TIMP=.65]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=4.20:LGP= 130.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 371.:MNI=.013:SCI=   .0]
004:0748--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        07:WEXT       1.58     .146 No_date    3:30   27.21 .419
     [CN= 78.0: N= 3.00]
     [Tp=  .11:DT= 2.00]
004:0749--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             06:WLMRT     20.72    2.665 No_date    3:30   49.94  n/a
                      + 07:WEXT       1.58     .146 No_date    3:30   27.21  n/a
     [DT= 2.00]  SUM=  08:TWLMRT    22.30    2.811 No_date    3:30   48.33  n/a
004:0750--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 08:TWLMRT     22.30    2.811 No_date    3:30   48.33  n/a
     [RDT= 2.00] out<- 09:WMRTPD     22.30    1.051 No_date    3:56   48.33  n/a
     (MxStoUsed=.4588E+00)
004:0751--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 09:WMRTPD     22.30    1.051 No_date    3:56   48.33  n/a
     [RDT= 2.00] out<- 01:16thST     22.30    1.051 No_date    3:58   48.33  n/a
     [L/S/n=  180./ .580/.013]
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     (Vmax= 2.406:Dmax=  .528)
     [Din= 1.05:Dused= 1.05]
004:0752--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:CDNT       3.62     .642 No_date    3:30   61.13 .941
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  33.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.30:LGI= 273.:MNI=.013:SCI=   .0]
004:0753--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:TOT16     59.01    1.875 No_date    4:08   44.55  n/a
                      + 01:16thST    22.30    1.051 No_date    3:58   48.33  n/a
     [DT= 2.00]  SUM=  04:TN1       81.31    2.916 No_date    4:06   45.58  n/a
004:0754--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:CDNT       3.62     .642 No_date    3:30   61.13  n/a
                      + 04:TN1       81.31    2.916 No_date    4:06   45.58  n/a
     [DT= 2.00]  SUM=  03:TND1      84.93    3.209 No_date    3:32   46.25  n/a
004:0755--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:TND1      84.93    3.209 No_date    3:32   46.25  n/a
     [RDT= 2.00] out<- 04:ND1ND2     84.93    3.219 No_date    3:32   46.25  n/a
     [L/S/n=  150./ .730/.013]
     (Vmax= 3.189:Dmax=  .521)
     (HGTH= 1.22:WDTH= 1.93)
004:0756--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:CA2COM      4.44     .771 No_date    3:30   59.27 .912
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=6.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.40:LGI= 149.:MNI=.013:SCI=   .0]
004:0757--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA2COM      4.44     .771 No_date    3:30   59.27  n/a
     [RDT= 2.00] out<- 05:C2APND      4.44     .303 No_date    3:36   59.27  n/a
     (MxStoUsed=.1412E+00)
004:0758--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:C2APND      4.44     .303 No_date    3:36   59.27  n/a
     [LAG=  5.7 min]<- 06:SH2a        4.44     .303 No_date    3:40   59.27  n/a
004:0759--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:CA3a        5.11     .696 No_date    3:30   48.49 .746
     [XIMP=.55:TIMP=.66]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=7.10:LGP=  28.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 248.:MNI=.013:SCI=   .0]
004:0760--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:CA3a        5.11     .696 No_date    3:30   48.49  n/a
     [LAG=  2.5 min]<- 08:SH3a        5.11     .696 No_date    3:32   48.49  n/a
004:0761--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      09:CA3b        2.82     .456 No_date    3:30   55.91 .860
     [XIMP=.81:TIMP=.81]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  40.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .80:LGI= 118.:MNI=.013:SCI=   .0]
004:0762--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:ANDCOM      1.10     .197 No_date    3:30   61.13 .941
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  10.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 115.:MNI=.013:SCI=   .0]
004:0763--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:ANDCOM      1.10     .197 No_date    3:30   61.13  n/a
     [RDT= 2.00] out<- 02:ACPND       1.10     .184 No_date    3:30   61.13  n/a
     (MxStoUsed=.1114E-01)
004:0764--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:ND1ND2     84.93    3.219 No_date    3:32   46.25  n/a
                      + 06:SH2a        4.44     .303 No_date    3:40   59.27  n/a
     [DT= 2.00]  SUM=  03:T2a       89.37    3.471 No_date    3:32   46.89  n/a
004:0765--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T2a       89.37    3.471 No_date    3:32   46.89  n/a
                      + 08:SH3a        5.11     .696 No_date    3:32   48.49  n/a
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     [DT= 2.00)  SUM=  04:T2b       94.48    4.167 No_date    3:32   46.98  n/a
004:0766--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:T2b       94.48    4.167 No_date    3:32   46.98  n/a
                     + 02:ACPND      1.10     .184 No_date    3:30   61.13  n/a
     [DT= 2.00)  SUM=  05:T2c       95.58    4.346 No_date    3:32   47.14  n/a
004:0767--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T2c       95.58    4.346 No_date    3:32   47.14  n/a
                     + 09:CA3b       2.82     .456 No_date    3:30   55.91  n/a
     [DT= 2.00)  SUM=  03:TND2      98.40    4.748 No_date    3:32   47.39  n/a
004:0768--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    03:TND2      98.40    4.748 No_date    3:32   47.39  n/a
      Major System /   04:CHAN       7.03    1.728 No_date    3:32   47.39  n/a
      Minor System \   05:PIPE      91.36    3.020 No_date    3:14   47.39  n/a
004:0769--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:PIPE      91.36    3.020 No_date    3:14   47.39  n/a
     [RDT= 2.00) out<- 06:N3N4P     91.36    3.020 No_date    4:02   47.39  n/a
     {L/S/n=  640./ .600/.013}
     {Vmax= 3.043:Dmax=  .985}
     [Din= 1.20:Dused= 1.20}
004:0770--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:CHAN       7.03    1.728 No_date    3:32   47.39  n/a
 *   [RDT= 2.00) out<- 07:N2N3C      7.03    1.604 No_date    3:34   47.39  n/a
     [L/S/n=  240./ .650/.035}
     {Vmax= 1.083:Dmax=  .384}
004:0771--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA1COM     5.30     .914 No_date    3:30   59.27 .912
     {XIMP=.90:TIMP=.90}
     [LOSS= 2 :CN= 76.0}
     {Pervious     area: IAper=5.00:SLPP=2.10:LGP=  30.:MNP=.250:SCP=   .0}
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI= 146.:MNI=.013:SCI=   .0}
004:0772--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA1IND    10.99    1.698 No_date    3:30   53.67 .826
     {XIMP=.75:TIMP=.75}
     [LOSS= 2 :CN= 76.0}
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0}
     [Impervious   area: IAimp=2.00:SLPI=2.10:LGI= 234.:MNI=.013:SCI=   .0}
004:0773--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:CA1COM     5.30     .914 No_date    3:30   59.27  n/a
                     + 05:CA1IND    10.99    1.698 No_date    3:30   53.67  n/a
     [DT= 2.00)  SUM=  09:TOT1      16.29    2.612 No_date    3:30   55.49  n/a
004:0774--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 09:TOT1      16.29    2.612 No_date    3:30   55.49  n/a
     [RDT= 2.00) out<- 08:C1PND     16.29     .270 No_date    4:34   55.49  n/a
    [MxStoUsed=.6820E+00]
004:0775--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:C1PND     16.29     .270 No_date    4:34   55.49  n/a
     [LAG= 34.4 min]<- 09:SH1       16.29     .270 No_date    5:08   55.49  n/a
004:0776--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:N2N3C      7.03    1.604 No_date    3:34   47.39  n/a
                     + 09:SH1       16.29     .270 No_date    5:08   55.49  n/a
     [DT= 2.00)  SUM=  02:T3a       23.32    1.628 No_date    3:34   53.05  n/a
004:0777--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA2IND     5.15     .796 No_date    3:30   53.67 .826
     {XIMP=.75:TIMP=.75}
     [LOSS= 2 :CN= 76.0}
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0}
     [Impervious   area: IAimp=2.00:SLPI=2.20:LGI= 227.:MNI=.013:SCI=   .0}
004:0778--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA2IND     5.15     .796 No_date    3:30   53.67  n/a
     [RDT= 2.00) out<- 08:C2BPND     5.15     .218 No_date    4:00   53.67  n/a
    [MxStoUsed=.1625E+00]
004:0779--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:C2BPND     5.15     .218 No_date    4:00   53.67  n/a
     [LAG= 37.7 min]<- 03:SH2b       5.15     .218 No_date    4:36   53.67  n/a
004:0780--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:CA4       14.53    1.136 No_date    3:36   38.99 .600
     [XIMP=.25:TIMP=.44]
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     [LOSS= 2 :CN= 76.0}
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  73.:MNP=.250:SCP=   .0{
     [Impervious   area: IAimp=2.00:SLPI= .30:LGI= 466.:MNI=.013:SCI=   .0}
004:0781--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T3a       23.32    1.628 No_date    3:34   53.05  n/a
                     + 03:SH2b       5.15     .218 No_date    4:36   53.67  n/a
     [DT= 2.00)  SUM=  01:T3a       28.47    1.648 No_date    3:34   53.16  n/a
004:0782--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:T3a       28.47    1.648 No_date    3:34   53.16  n/a
                     + 04:CA4       14.53    1.136 No_date    3:36   38.99  n/a
     [DT= 2.00)  SUM=  03:T3b       43.00    2.780 No_date    3:34   48.37  n/a
004:0783--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:MALL      13.24    1.851 No_date    3:32   56.78 .873
     [XIMP=.63:TIMP=.89}
     {LOSS= 2 :CN= 76.0}
     {Pervious     area: IAper=5.00:SLPP=1.30:LGP= 120.:MNP=.250:SCP=   .0}
     [Impervious   area: IAimp=2.00:SLPI= .20:LGI= 293.:MNI=.013:SCI=   .0}
004:0784--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:MALL      13.24    1.851 No_date    3:32   56.78  n/a
      Major System /   02:CHAN       3.05    1.064 No_date    3:32   56.78  n/a
      Minor System \   04:PIPE      10.19     .787 No_date    3:10   56.78  n/a
004:0785--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T3b       43.00    2.780 No_date    3:34   48.37  n/a
                     + 02:CHAN       3.05    1.064 No_date    3:32   56.78  n/a
     [DT= 2.00)  SUM=  05:TND3      46.06    3.817 No_date    3:32   48.93  n/a
004:0786--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND3      46.06    3.817 No_date    3:32   48.93  n/a
     [RDT= 2.00) out<- 07:ND3ND4    46.06    3.588 No_date    3:36   48.93  n/a
     [L/S/n=  390./ .650/.035}
     {Vmax= 1.375:Dmax=  .583}
004:0787--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:CA5       15.85    1.238 No_date    3:30   37.08 .570
     {XIMP=.32:TIMP=.47}
     [LOSS= 2 :CN= 69.0}
     [Pervious     area: IAper=5.00:SLPP=1.50:LGP= 103.:MNP=.250:SCP=   .0}
     [Impervious   area: IAimp=2.00:SLPI=1.40:LGI= 289.:MNI=.013:SCI=   .0}
004:0788--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA5       15.85    1.238 No_date    3:30   37.08  n/a
     [LAG=  5.9 min]<- 09:SH5       15.85    1.238 No_date    3:34   37.08  n/a
004:0789--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:CA6       32.10    1.639 No_date    3:34   37.32 .574
     [XIMP=.20:TIMP=.40}
     [LOSS= 2 :CN= 76.0}
     [Pervious     area: IAper=5.00:SLPP= .70:LGP= 135.:MNP=.250:SCP=   .0}
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 539.:MNI=.013:SCI=   .0}
004:0790--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA6       32.10    1.639 No_date    3:34   37.32  n/a
                     + 09:SH5       15.85    1.238 No_date    3:34   37.08  n/a
     [DT= 2.00)  SUM=  02:T56ND3    47.95    2.877 No_date    3:34   37.24  n/a
004:0791--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA7        2.90     .195 No_date    3:30   32.62 .502
     {XIMP=.33:TIMP=.38}
     [LOSS= 2 :CN= 63.0}
     [Pervious     area: IAper=6.50:SLPP= .60:LGP=  82.:MNP=.250:SCP=   .0}
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 130.:MNI=.013:SCI=   .0}
004:0792--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:CA7        2.90     .195 No_date    3:30   32.62  n/a
     [LAG=  6.6 min]<- 01:SH7        2.90     .195 No_date    3:36   32.62  n/a
004:0793--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA8        8.01    1.263 No_date    3:30   55.47 .853
     {XIMP=.73:TIMP=.84}
     [LOSS= 2 :CN= 76.0}
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  60.:MNP=.250:SCP=   .0}
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI=  95.:MNI=.013:SCI=   .0}
004:0794--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:CA8        8.01    1.263 No_date    3:30   55.47  n/a
     [LAG= 21.3 min]<- 08:SH8        8.01    1.263 No_date    3:50   55.47  n/a
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004:0795----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      09:CA11        4.18      .352 No_date    3:32   37.66 .579
     [XIMP=.28:TIMP=.36]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=3.00:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .70:LGI= 270.:MNI=.013:SCI=   .0]
004:0796----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:SH7         2.90      .195 No_date    3:36   32.62  n/a
                      + 08:SH8         8.01    1.263 No_date    3:50   55.47  n/a
     [DT= 2.00]  SUM=   05:T7811a     10.91    1.358 No_date    3:38   49.40  n/a
004:0797----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:T7811a     10.91    1.358 No_date    3:38   49.40  n/a
                      + 09:CA11        4.18      .352 No_date    3:32   37.66  n/a
     [DT= 2.00]  SUM=   03:T7811b     15.09    1.674 No_date    3:34   46.15  n/a
004:0798----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T7811b     15.09    1.674 No_date    3:34   46.15  n/a
                      + 02:T56ND3     47.95    2.877 No_date    3:34   37.24  n/a
     [DT= 2.00]  SUM=   05:T7811     63.04    4.552 No_date    3:34   39.37  n/a
004:0799----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:ND3ND4     46.06    3.588 No_date    3:36   48.93  n/a
                      + 05:T7811      63.04    4.552 No_date    3:34   39.37  n/a
     [DT= 2.00]  SUM=   02:T56781    109.10    8.109 No_date    3:36   43.41  n/a
004:0800----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:CA3c        1.14      .135 No_date    3:30   43.42 .668
     [XIMP=.45:TIMP=.50]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=2.50:LGI=  80.:MNI=.013:SCI=   .0]
004:0801----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:CA3c        1.14      .135 No_date    3:30   43.42  n/a
     [RDT= 2.00] out<- 05:3cPIPE      1.14      .130 No_date    3:30   43.42  n/a
     [L/S/n=  240./ .200/.013]
     {Vmax=  .965:Dmax=  .296}
     [Din=  .60:Dused=  .60]
004:0802----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:CA4a        1.86      .297 No_date    3:30   54.68 .841
     [XIMP=.75:TIMP=.80]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=2.10:LGP=  24.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .70:LGI=  69.:MNI=.013:SCI=   .0]
004:0803----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:PIPE       10.19      .787 No_date    3:10   56.78  n/a
                      + 03:CA4a        1.86      .297 No_date    3:30   54.68  n/a
     [DT= 2.00]  SUM=   08:TMLL4a     12.05    1.084 No_date    3:30   56.45  n/a
004:0804----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:TMLL4a     12.05    1.084 No_date    3:30   56.45  n/a
                      + 05:3cPIPE      1.14      .130 No_date    3:30   43.42  n/a
     [DT= 2.00]  SUM=   07:TMLL3c     13.19    1.214 No_date    3:30   55.33  n/a
004:0805----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:TMLL3c     13.19    1.214 No_date    3:30   55.33  n/a
     [RDT= 2.00] out<- 09:ML3CN4      13.19    1.208 No_date    3:30   55.33  n/a
     [L/S/n=  405./ .600/.013]
     {Vmax= 2.168:Dmax=  .287}
     {HGTH= 1.22:WDTH= 1.93}
004:0806----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:CA6IND      3.04      .468 No_date    3:30   53.67 .826
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .60:LGI=  87.:MNI=.013:SCI=   .0]
004:0807----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA6IND      3.04      .468 No_date    3:30   53.67  n/a
     [RDT= 2.00] out<- 08:C6APND      3.04      .174 No_date    3:40   53.67  n/a
    {MxStoUsed=.8477E-01}
004:0808----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:C6APND      3.04      .174 No_date    3:40   53.67  n/a
                      + 09:ML3CN4     13.19    1.208 No_date    3:30   55.33  n/a
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     [DT= 2.00]  SUM=   01:ML436a     16.23    1.350 No_date    3:30   55.02  n/a
004:0809----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:T56781    109.10    8.109 No_date    3:36   43.41  n/a
                      + 01:ML436a     16.23    1.350 No_date    3:30   55.02  n/a
     [DT= 2.00]  SUM=   03:ML436b    125.32    9.345 No_date    3:34   44.91  n/a
004:0810----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             06:N3N4P      91.36    3.020 No_date    4:02   47.39  n/a
                      + 03:ML436b    125.32    9.345 No_date    3:34   44.91  n/a
     [DT= 2.00]  SUM=   04:TND4     216.69   12.364 No_date    3:34   45.96  n/a
004:0811----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 04:TND4     216.69   12.364 No_date    3:34   45.96  n/a
     [RDT= 2.00] out<- 02:ND4ND5    216.69   11.995 No_date    3:38   45.96  n/a
     [L/S/n=  697./ .650/.035]
     {Vmax= 2.517:Dmax= 1.813}
004:0812----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:MLLRE       1.26      .189 No_date    3:30   51.19 .788
     [XIMP=.60:TIMP=.74]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.90:LGP=  26.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .70:LGI=  73.:MNI=.013:SCI=   .0]
004:0813----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:MLLRE       1.26      .189 No_date    3:30   51.19  n/a
     [RDT= 2.00] out<- 04:MLLRCE      1.26      .095 No_date    3:36   51.19  n/a
    {MxStoUsed=.1730E-01}
004:0814----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 04:MLLRCE      1.26      .095 No_date    3:36   51.19  n/a
     [LAG= 18.8 min]<- 05:SHMLRE      1.26      .095 No_date    3:54   51.19  n/a
004:0815----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:MLLRW       1.73      .291 No_date    3:30   58.19 .895
     [XIMP=.82:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.35:LGP=  37.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .42:LGI= 120.:MNI=.013:SCI=   .0]
004:0816----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:MLLRW       1.73      .291 No_date    3:30   58.19  n/a
     [RDT= 2.00] out<- 07:MLLRCW      1.73      .198 No_date    3:34   58.19  n/a
    {MxStoUsed=.2594E-01}
004:0817----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 07:MLLRCW      1.73      .198 No_date    3:34   58.19  n/a
     [LAG= 13.4 min]<- 08:SHMLRW      1.73      .198 No_date    3:46   58.19  n/a
004:0818----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      09:CA9         7.85      .739 No_date    3:30   41.07 .632
     [XIMP=.42:TIMP=.43]
     [LOSS= 2 :CN= 75.0]
     [Pervious      area: IAper=5.00:SLPP=1.60:LGP=  96.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=1.70:LGI= 207.:MNI=.013:SCI=   .0]
004:0819----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:TOTMLR      1.73      .198 No_date    3:46   58.19  n/a
                      + 05:SHMLRE      1.26      .095 No_date    3:54   51.19  n/a
     [DT= 2.00[  SUM=   08:TOTMLR      2.99      .289 No_date    3:48   55.24  n/a
004:0820----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:CA9         7.85      .739 No_date    3:30   41.07  n/a
                      + 08:TOTMLR      2.99      .289 No_date    3:48   55.24  n/a
     [DT= 2.00]  SUM=   03:T9MLR      10.84      .949 No_date    3:30   44.98  n/a
004:0821----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 03:T9MLR      10.84      .949 No_date    3:30   44.98  n/a
     [LAG= 19.3 min]<- 04:CA9        10.84      .949 No_date    3:48   44.98  n/a
004:0822----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:CA10IN      17.87    2.662 No_date    3:30   53.67 .826
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=1.20:LGI= 427.:MNI=.013:SCI=   .0]
004:0823----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:CA10IN      17.87    2.662 No_date    3:30   53.67  n/a
     [RDT= 2.00] out<- 05:10PND       17.87    1.214 No_date    3:44   53.67  n/a
    {MxStoUsed=.4513E+00}
```

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004:0824----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:CA13        7.15      .638 No_date    3:30   42.23 .650
     [XIMP=.44:TIMP=.54]
     [LOSS= 2 :CN= 74.0]
     [Pervious      area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI= .60:LGI=  80.:MNI=.013:SCI=    .0]
004:0825----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:CA14        7.52      .494 No_date    3:30   35.84 .551
     [XIMP=.32:TIMP=.35]
     [LOSS= 2 :CN= 74.0]
     [Pervious      area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=1.80:LGI= 111.:MNI=.013:SCI=    .0]
004:0826----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:10PND      17.87     1.214 No_date    3:44   53.67  n/a
                      + 06:CA13        7.15      .638 No_date    3:30   42.23  n/a
     [DT= 2.00]  SUM=  08:T1013       25.02     1.486 No_date    3:46   50.40  n/a
004:0827----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:T1013      25.02     1.486 No_date    3:46   50.40  n/a
                      + 04:CA9        10.84      .949 No_date    3:48   44.98  n/a
     [DT= 2.00]  SUM=  03:T14        35.86     2.431 No_date    3:48   48.76  n/a
004:0828----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T14        35.86     2.431 No_date    3:48   48.76  n/a
                      + 07:CA14        7.52      .494 No_date    3:30   35.84  n/a
     [DT= 2.00]  SUM=  04:T91013      43.38     2.667 No_date    3:48   46.52  n/a
004:0829----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:ND4ND5    216.69    11.995 No_date    3:38   45.96  n/a
                      + 04:T91013     43.38     2.667 No_date    3:48   46.52  n/a
     [DT= 2.00]  SUM=  07:TND5       260.07    14.424 No_date    3:38   46.05  n/a
004:0830----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 07:TND5      260.07    14.424 No_date    3:38   46.05  n/a
     [RDT= 2.00] out<- 08:ND5ND6    260.07    14.208 No_date    3:42   46.05  n/a
     [L/S/n=  578./1.640/.035]
     {Vmax= 2.137:Dmax= 1.755}
004:0831----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        09:15WHZ       1.38      .076 No_date    3:38   22.22 .342
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
004:0832----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:15WRE      12.42     1.475 No_date    3:30   42.48 .653
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=1.80:LGI= 221.:MNI=.013:SCI=    .0]
004:0833----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:15WRE      12.42     1.475 No_date    3:30   42.48  n/a
     [RDT= 2.00] out<- 02:15WPND     12.42      .371 No_date    4:10   42.47  n/a
     {MxStoUsed=.3050E+00}
004:0834----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:15WPND     12.42      .371 No_date    4:10   42.47  n/a
                      + 09:15WHZ       1.38      .076 No_date    3:38   22.22  n/a
     [DT= 2.00]  SUM=  03:T15W       13.80      .412 No_date    4:04   40.45  n/a
004:0835----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        04:15EHZ       3.15      .174 No_date    3:38   22.22 .342
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
004:0836----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:15EIND      4.89      .731 No_date    3:30   53.67 .826
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=2.00:LGI= 500.:MNI=.013:SCI=    .0]
004:0837----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 05:15EIND      4.89      .731 No_date    3:30   53.67  n/a
     [RDT= 2.00] out<- 06:15EPND     4.89      .216 No_date    4:02   53.67  n/a
     {MxStoUsed=.1498E+00}
004:0838----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:15EHZ       3.15      .174 No_date    3:38   22.22  n/a
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                      + 06:15EPND     4.89      .216 No_date    4:02   53.67  n/a
     [DT= 2.00]  SUM=  07:T15E        8.04      .364 No_date    3:42   41.34  n/a
004:0839----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:T15E        8.04      .364 No_date    3:42   41.34  n/a
                      + 03:T15W       13.80      .412 No_date    4:04   40.45  n/a
     [DT= 2.00]  SUM=  09:T15EW      21.84      .745 No_date    3:48   40.78  n/a
004:0840----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:UNGAS        .99      .098 No_date    3:30   32.67 .503
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 74.0]
     [Pervious      area: IAper=5.00:SLPP=3.30:LGP=  15.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=1.20:LGI=  90.:MNI=.013:SCI=    .0]
004:0841----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:UNGAS        .99      .098 No_date    3:30   32.67  n/a
     [RDT= 2.00] out<- 02:UNGPND       .99      .027 No_date    4:04   32.67  n/a
     {MxStoUsed=.1513E-01}
004:0842----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 02:UNGPND       .99      .027 No_date    4:04   32.67  n/a
     [LAG= 16.3 min]<- 03:SHUNGS       .99      .027 No_date    4:20   32.67  n/a
004:0843----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:T15EW      21.84      .745 No_date    3:48   40.78  n/a
                      + 03:SHUNGS       .99      .027 No_date    4:20   32.67  n/a
     [DT= 2.00]  SUM=  04:T15        22.83      .769 No_date    3:50   40.43  n/a
004:0844----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:CA16I      26.59     3.859 No_date    3:30   53.67 .826
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=1.10:LGI= 551.:MNI=.013:SCI=    .0]
004:0845----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:CA16I      26.59     3.859 No_date    3:30   53.67  n/a
     [RDT= 2.00] out<- 07:15BPND     26.59      .520 No_date    4:36   53.67  n/a
     {MxStoUsed=.1023E+01}
004:0846----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:15BPND     26.59      .520 No_date    4:36   53.67  n/a
                      + 04:T15        22.83      .769 No_date    3:50   40.43  n/a
     [DT= 2.00]  SUM=  09:T1516       49.42     1.232 No_date    4:06   47.55  n/a
004:0847----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:ND5ND6    260.07    14.208 No_date    3:42   46.05  n/a
                      + 09:T1516       49.42     1.232 No_date    4:06   47.55  n/a
     [DT= 2.00]  SUM=  03:TND6       309.49    15.284 No_date    3:42   46.29  n/a
004:0848----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 03:TND6      309.49    15.284 No_date    3:42   46.29  n/a
     [RDT= 2.00] out<- 02:ND6ND8     309.49    15.180 No_date    3:46   46.29  n/a
     [L/S/n=  503./1.290/.035]
     {Vmax= 2.893:Dmax= 1.401}
004:0849----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:CA17RW      6.93      .845 No_date    3:30   42.48 .653
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious    area: IAimp=2.00:SLPI=3.80:LGI= 263.:MNI=.013:SCI=    .0]
004:0850----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 05:CA17RW      6.93      .845 No_date    3:30   42.48  n/a
     [RDT= 2.00] out<- 03:17WPND     6.93      .544 No_date    3:38   42.47  n/a
     {MxStoUsed=.8930E-01}
004:0851----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        05:17WOS       2.11      .167 No_date    3:34   26.09 .401
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
004:0852----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:17WPND     6.93      .544 No_date    3:38   42.47  n/a
                      + 05:17WOS       2.11      .167 No_date    3:34   26.09  n/a
     [DT= 2.00]  SUM=  04:T17W        9.04      .699 No_date    3:36   38.65  n/a
004:0853----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:CA17RE      3.51      .418 No_date    3:30   42.48 .653
     [XIMP=.30:TIMP=.55]
```

```
     {LOSS= 2 :CN= 76.0}
     |Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0|
     |Impervious   area: IAimp=2.00:SLPI=2.40:LGI= 246.:MNI=.013:SCI=   .0|
004:0854--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       08:CA17OS     6.57     .519 No_date    3:34   26.09 .401
     {CN= 79.0: N= 3.00}
     {Tp=  .17:DT= 2.00}
004:0855--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:CA17OS     6.57     .519 No_date    3:34   26.09  n/a
                     + 06:CA17RE     3.51     .418 No_date    3:30   42.48  n/a
     |DT= 2.00|  SUM=  09:T17E      10.08     .919 No_date    3:32   31.80  n/a
004:0856--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 09:T17E      10.08     .919 No_date    3:32   31.80  n/a
     |RDT= 2.00| out<- 01:17EPND   10.08     .797 No_date    3:38   31.80  n/a
     {MxStoUsed=.4673E-01}
004:0857--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:17EPND   10.08     .797 No_date    3:38   31.80  n/a
                     + 04:T17W      9.04     .699 No_date    3:36   38.65  n/a
     |DT= 2.00|  SUM=  09:T17RES   19.12    1.496 No_date    3:36   35.04  n/a
004:0858--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:ND6ND8   309.49   15.180 No_date    3:46   46.29  n/a
                     + 09:T17RES    19.12    1.496 No_date    3:36   35.04  n/a
     |DT= 2.00|  SUM=  05:TND8     328.61   16.538 No_date    3:44   45.64  n/a
004:0859--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND8     328.61   16.538 No_date    3:44   45.64  n/a
     |RDT= 2.00| out<- 06:ND8ND9   328.61   16.434 No_date    3:46   45.64  n/a
     {L/S/n=  405./1.480/.045}
     {Vmax= 2.310:Dmax= 1.156}
004:0860--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:CA18      12.02     .567 No_date    3:50   25.19 .387
     {CN= 78.0: N= 3.00}
     {Tp=  .41:DT= 2.00}
004:0861--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:CA18      12.02     .567 No_date    3:50   25.19  n/a
                     + 06:ND8ND9    328.61   16.434 No_date    3:46   45.64  n/a
     |DT= 2.00|  SUM=  08:TND9     340.63   16.995 No_date    3:46   44.91  n/a
004:0862--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 08:TND9     340.63   16.995 No_date    3:46   44.91  n/a
     |RDT= 2.00| out<- 09:ND9ND1   340.63   16.893 No_date    3:50   44.91  n/a
     {L/S/n=  505./1.900/.045}
     {Vmax= 2.338:Dmax=  .895}
004:0863--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:CA18       1.18     .078 No_date    3:34   22.22 .342
     {CN= 74.0: N= 3.00}
     {Tp=  .17:DT= 2.00}
004:0864--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CA19IN      7.54    1.137 No_date    3:30   53.67 .826
     {XIMP=.75:TIMP=.75}
     {LOSS= 2 :CN= 76.0}
     {Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0}
     {Impervious   area: IAimp=2.00:SLPI= .50:LGI= 194.:MNI=.013:SCI=   .0}
004:0865--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA18       1.18     .078 No_date    3:34   22.22  n/a
                     + 02:CA19IN      7.54    1.137 No_date    3:30   53.67  n/a
     |DT= 2.00|  SUM=  03:T1819      8.72    1.211 No_date    3:30   49.41  n/a
004:0866--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T1819      8.72    1.211 No_date    3:30   49.41  n/a
                     + 09:ND9ND1    340.63   16.893 No_date    3:50   44.91  n/a
     |DT= 2.00|  SUM=  04:TND10     349.35   17.325 No_date    3:50   45.03  n/a
 ** END OF RUN :   4
```

****


```
 RUN:COMMAND#
 005:0870-------------------------------------------------------------------------
     START
      [TZERO =     .00 hrs on        0]
      |METOUT=    2    (1=imperial, 2=metric output)|
      |NSTORM=    1 |
      |NRUN   =    5 |
*#*************************************************************************
*#  Project Name: [Owen Sound Drainage Study]    Project Number: [MCG 10665]
*#  Date         : 04-12-2007
*#  Modeller     : [T.Lozon]
*#  Company      : R.J. Burnside and Associates
*#  License #    :  3846413
 005:0872-------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  = 50-Year SCS Type-II Storm Distribution (6-hour) Owen Sound,
      [SDT=30.00:SDUR=   6.50:PTOT= 71.90]
 005:0873--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:TRA7       1.82     .286 No_date    3:30   54.48 .758
      {XIMP=.60:TIMP=.60}
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP= .50:LGP=  70.:MNP=.030:SCP=   .0]
      [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 170.:MNI=.013:SCI=   .0]
 005:0874--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:A8         .28     .043 No_date    3:30   50.62 .704
      {XIMP=.50:TIMP=.50}
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  82.:MNP=.030:SCP=   .0]
      [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  82.:MNI=.013:SCI=   .0]
 005:0875--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 01:A8         .28     .043 No_date    3:30   50.62  n/a
 *   |RDT= 2.00| out<- 02:Pipe16     .28     .043 No_date    3:30   50.62  n/a
      [L/S/n=   15./2.000/.013]
      [Vmax= 1.599:Dmax=  .094)
      [Din=  .53:Dused=  .53)
 005:0876--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:Pipe16     .28     .043 No_date    3:30   50.62  n/a
                      + 04:TRA7      1.82     .286 No_date    3:30   54.48  n/a
      |DT= 2.00|  SUM=  03:TRA8      2.10     .329 No_date    3:30   53.97  n/a
 005:0877--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *   CALIB STANDHYD     04:A9         .28     .034 No_date    3:30   35.20 .490
      |XIMP=.10:TIMP=.10|
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=4.10:LGP= 100.:MNP=.030:SCP=   .0]
      [Impervious   area: IAimp=2.00:SLPI=4.10:LGI=  35.:MNI=.013:SCI=   .0]
 005:0878--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 04:A9         .28     .034 No_date    3:30   35.20  n/a
 *   |RDT= 2.00| out<- 05:Pipe17     .28     .034 No_date    3:30   35.20  n/a
      [L/S/n=   29./2.000/.013]
      [Vmax= 1.514:Dmax=  .085)
      [Din=  .53:Dused=  .53)
 005:0879--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            05:Pipe17     .28     .034 No_date    3:30   35.20  n/a
                      + 03:TRA8      2.10     .329 No_date    3:30   53.97  n/a
      |DT= 2.00|  SUM=  06:TRA9      2.38     .363 No_date    3:30   51.73  n/a
 005:0880--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *   CALIB STANDHYD     07:A10        .59     .091 No_date    3:30   50.62 .704
      {XIMP=.50:TIMP=.50}
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
      [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  73.:MNI=.013:SCI=   .0]
 005:0881--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 07:A10        .59     .091 No_date    3:30   50.62  n/a
 *   |RDT= 2.00| out<- 08:Pipe18     .59     .091 No_date    3:30   50.62  n/a
      [L/S/n=   60./2.000/.013|
      [Vmax= 2.019:Dmax=  .137)
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     [Din=  .53:Dused=  .53]
005:0882----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe18      .59     .091 No_date    3:30   50.62  n/a
                   +   06:TRA9       2.38     .363 No_date    3:30   51.73  n/a
     [DT= 2.00]  SUM=  09:TRA10      2.97     .454 No_date    3:30   51.51  n/a
005:0883----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A11         .82     .127 No_date    3:30   50.62 .704
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious      area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=3.60:LGI=  67.:MNI=.013:SCI=   .0]
005:0884----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A11         .82     .127 No_date    3:30   50.62  n/a
 *   [RDT= 2.00] out<- 02:Pipe19      .82     .127 No_date    3:30   50.62  n/a
     [L/S/n=   59./2.000/.013]
     [Vmax= 2.219:Dmax=  .163]
     [Din=  .53:Dused=  .53]
005:0885----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TRA10      2.97     .454 No_date    3:30   51.51  n/a
                   +   02:Pipe19      .82     .127 No_date    3:30   50.62  n/a
     [DT= 2.00]  SUM=  03:TRA11      3.80     .581 No_date    3:30   51.32  n/a
005:0886----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A12         .30     .038 No_date    3:30   39.06 .543
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 77.0]
     [Pervious      area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=5.00:LGI=  58.:MNI=.013:SCI=   .0]
005:0887----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A12         .30     .038 No_date    3:30   39.06  n/a
 *   [RDT= 2.00] out<- 05:Pipe20      .30     .038 No_date    3:30   39.06  n/a
     [L/S/n=   69./2.000/.013]
     [Vmax= 1.546:Dmax=  .088]
     [Din=  .53:Dused=  .53]
005:0888----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe20      .30     .038 No_date    3:30   39.06  n/a
                   +   03:TRA11      3.80     .581 No_date    3:30   51.32  n/a
     [DT= 2.00]  SUM=  06:TRA12      4.10     .619 No_date    3:30   50.42  n/a
005:0889----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:A13         .31     .042 No_date    3:30   42.91 .597
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious      area: IAper=5.00:SLPP=2.00:LGP=  68.:MNP=.030:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=2.00:LGI=  68.:MNI=.013:SCI=   .0]
005:0890----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:A13         .31     .042 No_date    3:30   42.91  n/a
 *   [RDT= 2.00] out<- 08:Pipe21      .31     .042 No_date    3:30   42.91  n/a
     [L/S/n=   53./1.900/.013]
     [Vmax= 1.561:Dmax=  .094]
     [Din=  .53:Dused=  .53]
005:0891----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe21      .31     .042 No_date    3:30   42.91  n/a
                   +   06:TRA12      4.10     .619 No_date    3:30   50.42  n/a
     [DT= 2.00]  SUM=  09:TRA13      4.41     .661 No_date    3:30   49.89  n/a
005:0892----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A14         .22     .031 No_date    3:30   42.91 .597
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious      area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
005:0893----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A14         .22     .031 No_date    3:30   42.91  n/a
 *   [RDT= 2.00] out<- 02:Pipe22      .22     .031 No_date    3:30   42.91  n/a
     [L/S/n=   52./1.250/.013]
     [Vmax= 1.201:Dmax=  .086]
     [Din=  .60:Dused=  .60]
005:0894----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe22      .22     .031 No_date    3:30   42.91  n/a
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                   +   09:TRA13      4.41     .661 No_date    3:30   49.89  n/a
     [DT= 2.00]  SUM=  03:TRA14      4.63     .692 No_date    3:30   49.56  n/a
005:0895----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A15         .24     .033 No_date    3:30   42.91 .597
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious      area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
005:0896----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A15         .24     .033 No_date    3:30   42.91  n/a
 *   [RDT= 2.00] out<- 05:Pipe23      .24     .033 No_date    3:30   42.91  n/a
     [L/S/n=   10./ .500/.013]
     [Vmax=  .854:Dmax=  .103]
     [Din=  .75:Dused=  .75]
005:0897----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe23      .24     .033 No_date    3:30   42.91  n/a
                   +   03:TRA14      4.63     .692 No_date    3:30   49.56  n/a
     [DT= 2.00]  SUM=  06:TRA15      4.87     .725 No_date    3:30   49.23  n/a
005:0898----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:A101        3.00     .511 No_date    3:30   56.99 .793
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious      area: IAper=5.00:SLPP=1.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=1.00:LGI= 150.:MNI=.013:SCI=   .0]
005:0899----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A101        3.00     .511 No_date    3:30   56.99  n/a
 *   [RDT= 2.00] out<- 02:Pipe24      3.00     .510 No_date    3:30   56.99  n/a
     [L/S/n=   60./ .750/.013]
     [Vmax= 2.198:Dmax=  .353]
     [Din=  .90:Dused=  .90]
005:0900----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:Pipe24      3.00     .510 No_date    3:30   56.99  n/a
 *   [RDT= 2.00] out<- 03:Pipe25      3.00     .509 No_date    3:30   56.99  n/a
     [L/S/n=   36./ .400/.013]
     [Vmax= 1.737:Dmax=  .473]
     [Din=  .75:Dused=  .75]
005:0901----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:TRA15      4.87     .725 No_date    3:30   49.23  n/a
                   +   03:Pipe25      3.00     .509 No_date    3:30   56.99  n/a
     [DT= 2.00]  SUM=  04:TRA101     7.87    1.234 No_date    3:30   52.19  n/a
005:0902----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:TRA101      7.87    1.234 No_date    3:30   52.19  n/a
 *   [RDT= 2.00] out<- 05:Pipe26      7.87    1.232 No_date    3:30   52.19  n/a
     [L/S/n=   51./ .650/.013]
     [Vmax= 2.573:Dmax=  .635]
     [Din=  .90:Dused=  .90]
005:0903----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A102        .74     .141 No_date    3:30   63.45 .882
     [XIMP=.80:TIMP=.80]
     [LOSS= 2 :CN= 83.0]
     [Pervious      area: IAper=5.00:SLPP=5.00:LGP=  70.:MNP=.013:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
005:0904----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A102        .74     .141 No_date    3:30   63.45  n/a
 *   [RDT= 2.00] out<- 02:Pipe27      .74     .141 No_date    3:30   63.45  n/a
     [L/S/n=   42./1.000/.013]
     [Vmax= 1.766:Dmax=  .255]
     [Din=  .38:Dused=  .38]
005:0905----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe26      7.87    1.232 No_date    3:30   52.19  n/a
                   +   02:Pipe27      .74     .141 No_date    3:30   63.45  n/a
     [DT= 2.00]  SUM=  04:8thSTR     8.61    1.372 No_date    3:30   53.16  n/a
005:0906----------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:8thSTR     8.61    1.372 No_date    3:30   53.16  n/a
 *   [RDT= 2.00] out<- 05:Pipe28      8.61    1.370 No_date    3:30   53.16  n/a
     [L/S/n=   88./3.260/.013]
     [Vmax= 4.895:Dmax=  .455]
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     [Din=  .75:Dused=  .75]
005:0907--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *   CALIB STANDHYD     06:A103       2.55     .451 No_date    3:30   56.99 .793
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
005:0908--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 06:A103       2.55     .451 No_date    3:30   56.99  n/a
 *   [RDT= 2.00] out<- 07:Pipe29      2.55     .450 No_date    3:30   56.99  n/a
     [L/S/n=   65./2.800/.013]
     {Vmax= 3.462:Dmax=  .251}
     [Din=  .75:Dused=  .75]
005:0909--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           05:Pipe28      8.61    1.370 No_date    3:30   53.16  n/a
                   +   07:Pipe29      2.55     .450 No_date    3:30   56.99  n/a
     [DT= 2.00]  SUM=  08:OSCVIb     11.16    1.820 No_date    3:30   54.04  n/a
005:0910--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     09:AREAB       6.03    1.042 No_date    3:30   56.99 .793
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.50:LGP=  55.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI= 320.:MNI=.013:SCI=   .0]
005:0911--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           09:AREAB       6.03    1.042 No_date    3:30   56.99  n/a
                   +   08:OSCVIb     11.16    1.820 No_date    3:30   54.04  n/a
     [DT= 2.00]  SUM=  01:OSCVI      17.19    2.862 No_date    3:30   55.07  n/a
005:0912--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 01:OSCVI      17.19    2.862 No_date    3:30   55.07  n/a
 *   [RDT= 2.00] out<- 02:Pipe30      17.19    2.854 No_date    3:30   55.07  n/a
     [L/S/n=  150./2.600/.013]
     {Vmax= 5.230:Dmax=  .723}
     [Din=  .90:Dused=  .90]
005:0913--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:HOSP        4.59     .596 No_date    3:30   44.09 .613
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 130.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 300.:MNI=.013:SCI=   .0]
005:0914--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 03:HOSP       4.59     .596 No_date    3:30   44.09  n/a
 *   [RDT= 2.00] out<- 04:Pipe31      4.59     .596 No_date    3:32   44.09  n/a
     [L/S/n=  118./6.000/.013]
     {Vmax= 4.810:Dmax=  .348}
     [Din=  .38:Dused=  .42]
005:0915--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 04:Pipe31     4.59     .596 No_date    3:32   44.09  n/a
 *   [RDT= 2.00] out<- 05:Pipe32      4.59     .597 No_date    3:32   44.09  n/a
     [L/S/n=   70./1.100/.013]
     {Vmax= 2.586:Dmax=  .456}
     [Din=  .60:Dused=  .60]
005:0916--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           02:Pipe30     17.19    2.854 No_date    3:30   55.07  n/a
                   +   05:Pipe32      4.59     .597 No_date    3:32   44.09  n/a
     [DT= 2.00]  SUM=  06:TOTHSP     21.78    3.442 No_date    3:30   52.76  n/a
005:0917--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 06:TOTHSP     21.78    3.442 No_date    3:30   52.76  n/a
 *   [RDT= 2.00] out<- 07:Pipe33      21.78    3.438 No_date    3:30   52.76  n/a
     [L/S/n=   60./4.300/.013]
     {Vmax= 6.692:Dmax=  .678}
     [Din=  .90:Dused=  .90]
005:0918--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     08:104         4.20     .718 No_date    3:30   56.99 .793
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 300.:MNI=.013:SCI=   .0]
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005:0919--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           07:Pipe33     21.78    3.438 No_date    3:30   52.76  n/a
                   +   08:104         4.20     .718 No_date    3:30   56.99  n/a
     [DT= 2.00]  SUM=  09:TOT104     25.98    4.156 No_date    3:30   53.44  n/a
005:0920--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 09:TOT104     25.98    4.156 No_date    3:30   53.44  n/a
 *   [RDT= 2.00] out<- 01:Pipe34      25.98    4.150 No_date    3:30   53.44  n/a
     [L/S/n=   59./1.300/.013]
     {Vmax= 4.466:Dmax=  .921}
     [Din= 1.20:Dused= 1.20]
005:0921--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     02:105         3.59     .528 No_date    3:30   45.70 .636
     [XIMP=.25:TIMP=.25]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=4.00:LGP= 200.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.00:LGI= 200.:MNI=.013:SCI=   .0]
005:0922--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 02:105        3.59     .528 No_date    3:30   45.70  n/a
 *   [RDT= 2.00] out<- 03:Pipe35      3.59     .525 No_date    3:30   45.70  n/a
     [L/S/n=   70./ .750/.013]
     {Vmax= 2.143:Dmax=  .489}
     [Din=  .60:Dused=  .60]
005:0923--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 03:Pipe35     3.59     .525 No_date    3:30   45.70  n/a
 *   [RDT= 2.00] out<- 04:Pipe36      3.59     .521 No_date    3:30   45.70  n/a
     [L/S/n=  120./1.050/.013]
     {Vmax= 2.490:Dmax=  .419}
     [Din=  .60:Dused=  .60]
005:0924--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     05:105.2       2.44     .357 No_date    3:30   47.31 .658
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 300.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 300.:MNI=.013:SCI=   .0]
005:0925--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           04:Pipe36      3.59     .521 No_date    3:30   45.70  n/a
                   +   05:105.2       2.44     .357 No_date    3:30   47.31  n/a
     [DT= 2.00]  SUM=  06:T105.2      6.03     .878 No_date    3:30   46.35  n/a
005:0926--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 06:T105.2     6.03     .878 No_date    3:30   46.35  n/a
 *   [RDT= 2.00] out<- 07:Pipe37      6.03     .875 No_date    3:30   46.35  n/a
     [L/S/n=   75./2.800/.013]
     {Vmax= 4.082:Dmax=  .427}
     [Din=  .60:Dused=  .60]
005:0927--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 07:Pipe37     6.03     .875 No_date    3:30   46.35  n/a
 *   [RDT= 2.00] out<- 08:Pipe38      6.03     .872 No_date    3:30   46.35  n/a
     [L/S/n=   69./2.200/.013]
     {Vmax= 3.670:Dmax=  .472}
     [Din=  .60:Dused=  .60]
005:0928--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *   CALIB STANDHYD     09:AREA A      2.34     .331 No_date    3:30   39.87 .555
     [XIMP=.01:TIMP=.10]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=8.00:LGP= 190.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  10.:MNI=.013:SCI=   .0]
005:0929--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           09:AREA A      2.34     .331 No_date    3:30   39.87  n/a
                   +   08:Pipe38      6.03     .872 No_date    3:30   46.35  n/a
     [DT= 2.00]  SUM=  02:OSCVIA      8.37    1.203 No_date    3:30   44.54  n/a
005:0930--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 02:OSCVIA     8.37    1.203 No_date    3:30   44.54  n/a
 *   [RDT= 2.00] out<- 03:Pipe39      8.37    1.200 No_date    3:30   44.54  n/a
     [L/S/n=   50./3.000/.013]
     {Vmax= 4.420:Dmax=  .516}
     [Din=  .60:Dused=  .63]
005:0931--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ROUTE PIPE      -> 03:Pipe39     8.37    1.200 No_date    3:30   44.54  n/a
 *   [RDT= 2.00] out<- 04:Pipe40     8.37    1.198 No_date    3:30   44.54  n/a
     [L/S/n=   30./1.000/.013]
     {Vmax= 2.926:Dmax=  .633}
     [Din=  .75:Dused=  .77}
005:0932---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:Pipe34    25.98    4.150 No_date    3:30   53.44  n/a
                    +   04:Pipe40     8.37    1.198 No_date    3:30   44.54  n/a
     [DT= 2.00]  SUM=   05:16&10     34.35    5.347 No_date    3:30   51.27  n/a
005:0933---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16&10     34.35    5.347 No_date    3:30   51.27  n/a
 *   [RDT= 2.00] out<- 06:Pipe41    34.35    5.330 No_date    3:30   51.27  n/a
     [L/S/n=   80./ .600/.013]
     {Vmax= 3.532:Dmax= 1.199}
     [Din= 1.50:Dused= 1.50}
005:0934---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      07:999        4.20     .394 No_date    3:30   44.09 .613
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious      area: IAper=5.00:SLPP=3.00:LGP= 350.:MNP=.100:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=3.00:LGI=  60.:MNI=.013:SCI=   .0]
005:0935---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:999        4.20     .394 No_date    3:30   44.09  n/a
 *   [RDT= 2.00] out<- 08:Pipe42     4.20     .390 No_date    3:30   44.09  n/a
     [L/S/n=  100./3.000/.013[
     {Vmax= 3.448:Dmax=  .304}
     [Din=  .45:Dused=  .45}
005:0936---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe42     4.20     .390 No_date    3:30   44.09  n/a
                    +   06:Pipe41    34.35    5.330 No_date    3:30   51.27  n/a
     [DT= 2.00]  SUM=   09:TRA999    38.55    5.720 No_date    3:30   50.49  n/a
005:0937---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:106        1.95     .254 No_date    3:30   44.09 .613
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious      area: IAper=5.00:SLPP=1.00:LGP=  50.:MNP=.100:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=1.00:LGI=  50.:MNI=.013:SCI=   .0]
005:0938---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:TRA999    38.55    5.720 No_date    3:30   50.49  n/a
                    +   01:106        1.95     .254 No_date    3:30   44.09  n/a
     [DT= 2.00]  SUM=   02:TRA106    40.50    5.974 No_date    3:30   50.18  n/a
005:0939---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 02:TRA106    40.50    5.974 No_date    3:30   50.18  n/a
     [RDT= 2.00[ out<- 03:CHAN-1    40.50    5.927 No_date    3:30   50.18  n/a
     [L/S/n=  150./2.000/.035]
     {Vmax= 2.413:Dmax=  .634}
005:0940---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:CHAN-1    40.50    5.927 No_date    3:30   50.18  n/a
     [RDT= 2.00] out<- 04:POND1     40.50    1.526 No_date    4:06   50.18  n/a
    {MxStoUsed=.1262E+01}
005:0941---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      05:107.1       .96     .146 No_date    3:30   50.54 .703
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious      area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
005:0942---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:107.1       .96     .146 No_date    3:30   50.54  n/a
 *   [RDT= 2.00] out<- 06:Pipe43      .96     .146 No_date    3:30   50.54  n/a
     [L/S/n=   43./2.400/.013]
     [Vmax= 2.416:Dmax=  .240}
     [Din=  .30:Dused=  .30}
005:0943---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      07:107.2       .30     .046 No_date    3:30   50.54 .703
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious      area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
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     [Impervious    area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
005:0944---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:107.2       .30     .046 No_date    3:30   50.54  n/a
                    +   06:Pipe43      .96     .146 No_date    3:30   50.54  n/a
     [DT= 2.00]  SUM=   08:T107.2      1.26     .192 No_date    3:30   50.54  n/a
005:0945---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 08:T107.2      1.26     .192 No_date    3:30   50.54  n/a
 *   [RDT= 2.00] out<- 09:Pipe44      1.26     .191 No_date    3:30   50.54  n/a
     [L/S/n=   65./2.200/.013]
     {Vmax= 2.575:Dmax=  .239}
     [Din=  .38:Dused=  .38}
005:0946---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:107.3       .30     .046 No_date    3:30   50.54 .703
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious      area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
005:0947---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:107.3       .30     .046 No_date    3:30   50.54  n/a
                    +   09:Pipe44      1.26     .191 No_date    3:30   50.54  n/a
     [DT= 2.00]  SUM=   02:T107.3      1.56     .237 No_date    3:30   50.54  n/a
005:0948---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:T107.3      1.56     .237 No_date    3:30   50.54  n/a
 *   [RDT= 2.00] out<- 03:Pipe45      1.56     .236 No_date    3:30   50.54  n/a
     [L/S/n=   55./1.900/.013]
     {Vmax= 2.584:Dmax=  .252}
     [Din=  .45:Dused=  .45}
005:0949---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:Pipe45      1.56     .236 No_date    3:30   50.54  n/a
                    +   04:POND1      40.50    1.526 No_date    4:06   50.18  n/a
     [DT= 2.00]  SUM=   05:16+10      42.06    1.576 No_date    4:06   50.20  n/a
005:0950---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16+10      42.06    1.576 No_date    4:06   50.20  n/a
 *   [RDT= 2.00] out<- 06:Pipe46     42.06    1.574 No_date    4:06   50.20  n/a
     [L/S/n=   94./ .600/.013]
     {Vmax= 2.697:Dmax=  .615}
     [Din= 1.20:Dused= 1.20}
005:0951---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      07:900         7.25    1.226 No_date    3:30   56.99 .793
     {XIMP=.60:TIMP=.60}
     [LOSS= 2 :CN= 83.0]
     [Pervious      area: IAper=5.00:SLPP=5.00:LGP= 100.:MNP=.100:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=5.00:LGI= 100.:MNI=.013:SCI=   .0]
005:0952---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:900         7.25    1.226 No_date    3:30   56.99  n/a
     [RDT= 2.00] out<- 08:POND2       7.25     .602 No_date    3:34   56.99  n/a
    {MxStoUsed=.1182E+00}
005:0953---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 08:POND2       7.25     .602 No_date    3:34   56.99  n/a
 *   [RDT= 2.00] out<- 09:Pipe47      7.25     .600 No_date    3:38   56.99  n/a
     [L/S/n=  250./ .400/.013]
     {Vmax= 1.790:Dmax=  .534}
     [Din=  .75:Dused=  .75}
005:0954---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:Pipe47      7.25     .600 No_date    3:38   56.99  n/a
                    +   06:Pipe46     42.06    1.574 No_date    4:06   50.20  n/a
     [DT= 2.00]  SUM=   01:TRP2       49.31    2.113 No_date    4:06   51.20  n/a
005:0955---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      02:108         1.10     .168 No_date    3:30   50.54 .703
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious      area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
005:0956---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:TRP2       49.31    2.113 No_date    4:06   51.20  n/a
                    +   02:108         1.10     .168 No_date    3:30   50.54  n/a
     [DT= 2.00]  SUM=   03:T108       50.41    2.148 No_date    4:06   51.18  n/a
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005:0957---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:T108      50.41    2.148 No_date    4:06   51.18  n/a
 *   [RDT= 2.00] out<- 04:Pipe48     50.41    2.149 No_date    4:06   51.18  n/a
     [L/S/n=   60./ .580/.013]
     {Vmax= 2.862:Dmax=  .756}
     [Din= 1.20:Dused= 1.20}
005:0958---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:Pipe48     50.41    2.149 No_date    4:06   51.18  n/a
 *   [RDT= 2.00] out<- 05:Pipe49     50.41    2.149 No_date    4:06   51.18  n/a
     [L/S/n=   59./ .630/.013]
     {Vmax= 2.955:Dmax=  .736}
     [Din= 1.20:Dused= 1.20}
005:0959---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:ANDPET      7.70     .875 No_date    3:30   45.94 .639
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.300:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 100.:MNI=.013:SCI=    .0]
005:0960---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:ANDPET      7.70     .875 No_date    3:30   45.94  n/a
     [RDT= 2.00] out<- 07:ANDPND      7.70     .544 No_date    3:32   45.94  n/a
    {MxStoUsed=.7925E-01}
005:0961---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:ANDPND     7.70     .544 No_date    3:32   45.94  n/a
 *   [RDT= 2.00] out<- 08:Pipe50      7.70     .541 No_date    3:34   45.94  n/a
     [L/S/n=   59./ .200/.013]
     {Vmax= 1.313:Dmax=  .636}
     [Din=  .75:Dused=  .78}
005:0962---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe49     50.41    2.149 No_date    4:06   51.18  n/a
                      + 08:Pipe50      7.70     .541 No_date    3:34   45.94  n/a
     [DT= 2.00]  SUM=  09:TOTAND     58.11    2.570 No_date    4:06   50.49  n/a
005:0963---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:RETRES       .90     .132 No_date    3:30   52.17 .726
     [XIMP=.63:TIMP=.63]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  20.:MNP=.300:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI=  65.:MNI=.013:SCI=    .0]
005:0964---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:RETRES       .90     .132 No_date    3:30   52.17  n/a
     [RDT= 2.00[ out<- 02:POND3        .90     .132 No_date    3:30   52.17  n/a
    {MxStoUsed=.9190E-02}
005:0965---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:TOTAND     58.11    2.570 No_date    4:06   50.49  n/a
                      + 02:POND3        .90     .132 No_date    3:30   52.17  n/a
     [DT= 2.00]  SUM=  05:TOT16      59.01    2.611 No_date    4:06   50.51  n/a
005:0966---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:WLMRT      20.72    3.008 No_date    3:30   56.08 .780
     [XIMP=.65:TIMP=.65[
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=4.20:LGP= 130.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 371.:MNI=.013:SCI=    .0]
005:0967---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        07:WEXT        1.58     .172 No_date    3:30   32.16 .447
     [CN= 78.0: N= 3.00]
     [Tp=  .11:DT= 2.00]
005:0968---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             06:WLMRT      20.72    3.008 No_date    3:30   56.08  n/a
                      + 07:WEXT        1.58     .172 No_date    3:30   32.16  n/a
     [DT= 2.00]  SUM=  08:TWLMRT     22.30    3.180 No_date    3:30   54.39  n/a
005:0969---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 08:TWLMRT     22.30    3.180 No_date    3:30   54.39  n/a
     [RDT= 2.00] out<- 09:WMRTPD     22.30    1.188 No_date    3:56   54.39  n/a
    {MxStoUsed=.5184E+00}
005:0970---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 09:WMRTPD     22.30    1.188 No_date    3:56   54.39  n/a
     [RDT= 2.00] out<- 01:16thST     22.30    1.188 No_date    3:56   54.39  n/a
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     [L/S/n=  180./ .580/.013]
     {Vmax= 2.480:Dmax=  .568}
     [Din= 1.05:Dused= 1.05]
005:0971---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:CDNT        3.62     .713 No_date    3:30   67.93 .945
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  33.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.30:LGI= 273.:MNI=.013:SCI=    .0]
005:0972---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:TOT16      59.01    2.611 No_date    4:06   50.51  n/a
                      + 01:16thST     22.30    1.188 No_date    3:56   54.39  n/a
     [DT= 2.00]  SUM=  04:TN1        81.31    3.788 No_date    4:06   51.57  n/a
005:0973---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:CDNT        3.62     .713 No_date    3:30   67.93  n/a
                      + 04:TN1        81.31    3.788 No_date    4:06   51.57  n/a
     [DT= 2.00]  SUM=  03:TND1       84.93    3.932 No_date    4:02   52.27  n/a
005:0974---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:TND1      84.93    3.932 No_date    4:02   52.27  n/a
     [RDT= 2.00] out<- 04:ND1ND2     84.93    3.934 No_date    4:04   52.27  n/a
     [L/S/n=  150./ .730/.013]
     {Vmax= 3.386:Dmax=  .601}
     {HGTH= 1.22:WDTH= 1.93}
005:0975---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:CA2COM      4.44     .856 No_date    3:30   65.95 .917
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=6.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=3.40:LGI= 149.:MNI=.013:SCI=    .0]
005:0976---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA2COM      4.44     .856 No_date    3:30   65.95  n/a
     [RDT= 2.00] out<- 05:C2APND      4.44     .367 No_date    3:34   65.95  n/a
    {MxStoUsed=.1538E+00}
005:0977---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 05:C2APND     4.44     .367 No_date    3:34   65.95  n/a
     [LAG=  5.7 min]<- 06:SH2a        4.44     .367 No_date    3:38   65.95  n/a
005:0978---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:CA3a        5.11     .788 No_date    3:30   54.67 .760
     {XIMP=.55:TIMP=.66]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=7.10:LGP=  28.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 248.:MNI=.013:SCI=    .0]
005:0979---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 07:CA3a       5.11     .788 No_date    3:30   54.67  n/a
     [LAG=  2.5 min]<- 08:SH3a        5.11     .788 No_date    3:32   54.67  n/a
005:0980---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      09:CA3b        2.82     .509 No_date    3:30   62.40 .868
     [XIMP=.81:TIMP=.81]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  40.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI= .80:LGI= 118.:MNI=.013:SCI=    .0]
005:0981---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:ANDCOM      1.10     .218 No_date    3:30   67.93 .945
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  10.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 115.:MNI=.013:SCI=    .0]
005:0982---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:ANDCOM      1.10     .218 No_date    3:30   67.93  n/a
     [RDT= 2.00] out<- 02:ACPND       1.10     .204 No_date    3:30   67.93  n/a
    {MxStoUsed=.1235E-01}
005:0983---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:ND1ND2     84.93    3.934 No_date    4:04   52.27  n/a
                      + 06:SH2a        4.44     .367 No_date    3:38   65.95  n/a
     [DT= 2.00]  SUM=  03:T2a        89.37    4.232 No_date    4:04   52.95  n/a
005:0984---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T2a        89.37    4.232 No_date    4:04   52.95  n/a
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                +  08:SH3a        5.11     .788 No_date    3:32   54.67  n/a
    [DT= 2.00]  SUM=  04:T2b       94.48    4.630 No_date    3:32   53.04  n/a
005:0985--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:T2b       94.48    4.630 No_date    3:32   53.04  n/a
                +  02:ACPND      1.10     .204 No_date    3:30   67.93  n/a
    [DT= 2.00]  SUM=  05:T2c       95.58    4.829 No_date    3:32   53.22  n/a
005:0986--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:T2c       95.58    4.829 No_date    3:32   53.22  n/a
                +  09:CA3b       2.82     .509 No_date    3:30   62.40  n/a
    [DT= 2.00]  SUM=  03:TND2      98.40    5.282 No_date    3:30   53.48  n/a
005:0987--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD     03:TND2      98.40    5.282 No_date    3:30   53.48  n/a
      Major System /  04:CHAN      12.65    2.262 No_date    3:30   53.48  n/a
      Minor System \  05:PIPE      85.75    3.020 No_date    3:12   53.48  n/a
005:0988--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:PIPE      85.75    3.020 No_date    3:12   53.48  n/a
     [RDT= 2.00] out<- 06:N3N4P     85.75    3.020 No_date    4:04   53.48  n/a
     [L/S/n=  640./ .600/.013]
     [Vmax= 3.043:Dmax=  .985]
     [Din= 1.20:Dused= 1.20]
005:0989--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:CHAN      12.65    2.262 No_date    3:30   53.48  n/a
 *   [RDT= 2.00] out<- 07:N2N3C     12.65    2.154 No_date    3:32   53.48  n/a
     [L/S/n=  240./ .650/.035]
     [Vmax= 1.168:Dmax=  .441]
005:0990--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      04:CA1COM     5.30    1.017 No_date    3:30   65.95 .917
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI= 146.:MNI=.013:SCI=   .0]
005:0991--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:CA1IND    10.99    1.900 No_date    3:30   60.03 .835
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.10:LGI= 234.:MNI=.013:SCI=   .0]
005:0992--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:CA1COM     5.30    1.017 No_date    3:30   65.95  n/a
                +  05:CA1IND    10.99    1.900 No_date    3:30   60.03  n/a
    [DT= 2.00]  SUM=  09:TOT1      16.29    2.916 No_date    3:30   61.96  n/a
005:0993--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 09:TOT1      16.29    2.916 No_date    3:30   61.96  n/a
     [RDT= 2.00] out<- 08:C1PND     16.29     .329 No_date    4:32   61.95  n/a
    [MxStoUsed=.7498E+00]
005:0994--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:C1PND     16.29     .329 No_date    4:32   61.95  n/a
     [LAG= 34.4 min]<- 09:SH1       16.29     .329 No_date    5:06   61.95  n/a
005:0995--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:N2N3C     12.65    2.154 No_date    3:32   53.48  n/a
                +  09:SH1       16.29     .329 No_date    5:06   61.95  n/a
    [DT= 2.00]  SUM=  02:T3a       28.94    2.181 No_date    3:32   58.25  n/a
005:0996--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:CA2IND     5.15     .891 No_date    3:30   60.03 .835
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.20:LGI= 227.:MNI=.013:SCI=   .0]
005:0997--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA2IND     5.15     .891 No_date    3:30   60.03  n/a
     [RDT= 2.00] out<- 08:C2BPND     5.15     .264 No_date    3:52   60.03  n/a
    [MxStoUsed=.1763E+00]
005:0998--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:C2BPND     5.15     .264 No_date    3:52   60.03  n/a
     [LAG= 37.7 min]<- 03:SH2b       5.15     .264 No_date    4:28   60.03  n/a
005:0999--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      04:CA4       14.53    1.324 No_date    3:36   44.69 .622
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     [XIMP=.25:TIMP=.44]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  73.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .30:LGI= 466.:MNI=.013:SCI=   .0]
005:1000--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:T3a       28.94    2.181 No_date    3:32   58.25  n/a
                +  03:SH2b       5.15     .264 No_date    4:28   60.03  n/a
    [DT= 2.00]  SUM=  01:T3a       34.09    2.203 No_date    3:32   58.52  n/a
005:1001--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:T3a       34.09    2.203 No_date    3:32   58.52  n/a
                +  04:CA4       14.53    1.324 No_date    3:36   44.69  n/a
    [DT= 2.00]  SUM=  03:T3b       48.62    3.495 No_date    3:32   54.39  n/a
005:1002--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:MALL      13.24    2.107 No_date    3:30   63.50 .883
     [XIMP=.63:TIMP=.89]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.30:LGP= 120.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .20:LGI= 293.:MNI=.013:SCI=   .0]
005:1003--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD     01:MALL      13.24    2.107 No_date    3:30   63.50  n/a
      Major System /  02:CHAN       3.59    1.320 No_date    3:30   63.50  n/a
      Minor System \  04:PIPE       9.65     .787 No_date    3:08   63.50  n/a
005:1004--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T3b       48.62    3.495 No_date    3:32   54.39  n/a
                +  02:CHAN       3.59    1.320 No_date    3:30   63.50  n/a
    [DT= 2.00]  SUM=  05:TND3      52.21    4.810 No_date    3:32   55.01  n/a
005:1005--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND3      52.21    4.810 No_date    3:32   55.01  n/a
     [RDT= 2.00] out<- 07:ND3ND4    52.21    4.524 No_date    3:36   55.01  n/a
     [L/S/n=  390./ .650/.035]
     [Vmax= 1.467:Dmax=  .656]
005:1006--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      08:CA5       15.85    1.447 No_date    3:30   42.40 .590
     [XIMP=.32:TIMP=.47]
     [LOSS= 2 :CN= 69.0]
     [Pervious     area: IAper=5.00:SLPP=1.50:LGP= 103.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.40:LGI= 289.:MNI=.013:SCI=   .0]
005:1007--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA5       15.85    1.447 No_date    3:30   42.40  n/a
     [LAG=  5.9 min]<- 09:SH5       15.85    1.447 No_date    3:34   42.40  n/a
005:1008--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:CA6       32.10    1.976 No_date    3:34   42.94 .597
     [XIMP=.20:TIMP=.40]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP= .70:LGP= 135.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 539.:MNI=.013:SCI=   .0]
005:1009--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:CA6       32.10    1.976 No_date    3:34   42.94  n/a
                +  09:SH5       15.85    1.447 No_date    3:34   42.40  n/a
    [DT= 2.00]  SUM=  02:T56ND3    47.95    3.424 No_date    3:34   42.76  n/a
005:1010--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:CA7        2.90     .222 No_date    3:30   37.33 .519
     [XIMP=.33:TIMP=.38]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper=6.50:SLPP= .60:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 130.:MNI=.013:SCI=   .0]
005:1011--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:CA7        2.90     .222 No_date    3:30   37.33  n/a
     [LAG=  6.6 min]<- 01:SH7        2.90     .222 No_date    3:36   37.33  n/a
005:1012--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:CA8        8.01    1.422 No_date    3:30   62.04 .863
     [XIMP=.73:TIMP=.84]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  60.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI=  95.:MNI=.013:SCI=   .0]
005:1013--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:CA8        8.01    1.422 No_date    3:30   62.04  n/a
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     [LAG= 21.3 min]<- 08:SH8        8.01    1.422 No_date    3:50   62.04  n/a
005:1014--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA11       4.18     .408 No_date    3:32   43.18 .601
     [XIMP=.28:TIMP=.36]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 270.:MNI=.013:SCI=   .0]
005:1015--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:SH7        2.90     .222 No_date    3:36   37.33  n/a
                   +   08:SH8        8.01    1.422 No_date    3:50   62.04  n/a
     [DT= 2.00]  SUM=  05:T7811a    10.91    1.533 No_date    3:50   55.47  n/a
005:1016--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:T7811a    10.91    1.533 No_date    3:50   55.47  n/a
                   +   09:CA11       4.18     .408 No_date    3:32   43.18  n/a
     [DT= 2.00]  SUM=  03:T7811b    15.09    1.899 No_date    3:34   52.07  n/a
005:1017--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T7811b    15.09    1.899 No_date    3:34   52.07  n/a
                   +   02:T56ND3    47.95    3.424 No_date    3:34   42.76  n/a
     [DT= 2.00]  SUM=  05:T7811     63.04    5.322 No_date    3:34   44.99  n/a
005:1018--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:ND3ND4    52.21    4.524 No_date    3:36   55.01  n/a
                   +   05:T7811     63.04    5.322 No_date    3:34   44.99  n/a
     [DT= 2.00]  SUM=  02:T56781   115.25    9.839 No_date    3:34   49.53  n/a
005:1019--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     03:CA3c       1.14     .156 No_date    3:30   49.24 .685
     [XIMP=.45:TIMP=.50]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.50:LGI=  80.:MNI=.013:SCI=   .0]
005:1020--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:CA3c       1.14     .156 No_date    3:30   49.24  n/a
     [RDT= 2.00] out<- 05:3cPIPE     1.14     .150 No_date    3:30   49.24  n/a
     [L/S/n=  240./ .200/.013]
     {Vmax= 1.001:Dmax=  .324}
     [Din=  .60:Dused=  .60]
005:1021--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA4a       1.86     .334 No_date    3:30   61.15 .851
     [XIMP=.75:TIMP=.80]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  24.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  69.:MNI=.013:SCI=   .0]
005:1022--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:PIPE       9.65     .787 No_date    3:08   63.50  n/a
                   +   03:CA4a       1.86     .334 No_date    3:30   61.15  n/a
     [DT= 2.00]  SUM=  08:TMLL4a    11.51    1.121 No_date    3:30   63.12  n/a
005:1023--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TMLL4a    11.51    1.121 No_date    3:30   63.12  n/a
                   +   05:3cPIPE     1.14     .150 No_date    3:30   49.24  n/a
     [DT= 2.00]  SUM=  07:TMLL3c    12.65    1.271 No_date    3:30   61.88  n/a
005:1024--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:TMLL3c    12.65    1.271 No_date    3:30   61.88  n/a
     [RDT= 2.00] out<- 09:ML3CN4    12.65    1.265 No_date    3:30   61.88  n/a
     [L/S/n=  405./ .600/.013]
     {Vmax= 2.204:Dmax=  .296}
     {HGTH= 1.22:WDTH= 1.93}
005:1025--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA6IND     3.04     .524 No_date    3:30   60.03 .835
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  87.:MNI=.013:SCI=   .0]
005:1026--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA6IND     3.04     .524 No_date    3:30   60.03  n/a
     [RDT= 2.00] out<- 08:C6APND     3.04     .210 No_date    3:38   60.03  n/a
     {MxStoUsed=.9270E-01}
005:1027--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:C6APND     3.04     .210 No_date    3:38   60.03  n/a
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                   +   09:ML3CN4    12.65    1.265 No_date    3:30   61.88  n/a
     [DT= 2.00]  SUM=  01:ML436a    15.69    1.441 No_date    3:30   61.52  n/a
005:1028--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:T56781   115.25    9.839 No_date    3:34   49.53  n/a
                   +   01:ML436a    15.69    1.441 No_date    3:30   61.52  n/a
     [DT= 2.00]  SUM=  03:ML436b   130.94   11.190 No_date    3:34   50.97  n/a
005:1029--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:N3N4P     85.75    3.020 No_date    4:04   53.48  n/a
                   +   03:ML436b   130.94   11.190 No_date    3:34   50.97  n/a
     [DT= 2.00]  SUM=  04:TND4     216.69   14.209 No_date    3:34   51.96  n/a
005:1030--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:TND4     216.69   14.209 No_date    3:34   51.96  n/a
     [RDT= 2.00] out<- 02:ND4ND5   216.69   13.699 No_date    3:38   51.96  n/a
     {L/S/n=  697./ .650/.035}
     {Vmax= 2.601:Dmax= 1.935}
005:1031--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:MLLRE      1.26     .215 No_date    3:30   57.55 .800
     [XIMP=.60:TIMP=.74]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.90:LGP=  26.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  73.:MNI=.013:SCI=   .0]
005:1032--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:MLLRE      1.26     .215 No_date    3:30   57.55  n/a
     [RDT= 2.00] out<- 04:MLLRCE     1.26     .104 No_date    3:36   57.55  n/a
     {MxStoUsed=.2079E-01}
005:1033--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 04:MLLRCE     1.26     .104 No_date    3:36   57.55  n/a
     [LAG= 18.8 min]<- 05:SHMLRE     1.26     .104 No_date    3:54   57.55  n/a
005:1034--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:MLLRW      1.73     .324 No_date    3:30   64.88 .902
     [XIMP=.82:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.35:LGP=  37.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .42:LGI= 120.:MNI=.013:SCI=   .0]
005:1035--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:MLLRW      1.73     .324 No_date    3:30   64.88  n/a
     [RDT= 2.00] out<- 07:MLLRCW     1.73     .218 No_date    3:34   64.88  n/a
     {MxStoUsed=.2948E-01}
005:1036--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:MLLRCW     1.73     .218 No_date    3:34   64.88  n/a
     [LAG= 13.4 min]<- 08:SHMLRW     1.73     .218 No_date    3:46   64.88  n/a
005:1037--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA9        7.85     .852 No_date    3:30   46.69 .649
     [XIMP=.42:TIMP=.43]
     [LOSS= 2 :CN= 75.0]
     [Pervious     area: IAper=5.00:SLPP=1.60:LGP=  96.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.70:LGI= 207.:MNI=.013:SCI=   .0]
005:1038--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:TOTMLR     1.73     .218 No_date    3:46   64.88  n/a
                   +   05:SHMLRE     1.26     .104 No_date    3:54   57.55  n/a
     [DT= 2.00]  SUM=  08:TOTMLR     2.99     .317 No_date    3:48   61.79  n/a
005:1039--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:CA9        7.85     .852 No_date    3:30   46.69  n/a
                   +   08:TOTMLR     2.99     .317 No_date    3:48   61.79  n/a
     [DT= 2.00]  SUM=  03:T9MLR     10.84    1.076 No_date    3:30   50.85  n/a
005:1040--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:T9MLR     10.84    1.076 No_date    3:30   50.85  n/a
     [LAG= 19.3 min]<- 04:CA9       10.84    1.076 No_date    3:48   50.85  n/a
005:1041--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:CA10IN     17.87    2.981 No_date    3:30   60.03 .835
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.20:LGI= 427.:MNI=.013:SCI=   .0]
005:1042--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:CA10IN     17.87    2.981 No_date    3:30   60.03  n/a
     [RDT= 2.00] out<- 05:10PND     17.87    1.466 No_date    3:42   60.03  n/a
```

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    (MxStoUsed=.4892E+00)
005:1043---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA13       7.15      .729 No_date    3:30   48.00 .668
     (XIMP=.44:TIMP=.54)
     (LOSS= 2 :CN= 74.0)
     (Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI= .60:LGI=  80.:MNI=.013:SCI=   .0)
005:1044---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA14       7.52      .567 No_date    3:30   41.14 .572
     (XIMP=.32:TIMP=.35)
     (LOSS= 2 :CN= 74.0)
     (Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 111.:MNI=.013:SCI=   .0)
005:1045---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:10PND     17.87    1.466 No_date    3:42   60.03  n/a
                     + 06:CA13       7.15      .729 No_date    3:30   48.00  n/a
     (DT= 2.00)  SUM=  08:T1013     25.02    1.796 No_date    3:44   56.59  n/a
005:1046---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:T1013     25.02    1.796 No_date    3:44   56.59  n/a
                     + 04:CA9       10.84    1.076 No_date    3:48   50.85  n/a
     (DT= 2.00)  SUM=  03:T14       35.86    2.850 No_date    3:48   54.86  n/a
005:1047---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T14       35.86    2.850 No_date    3:48   54.86  n/a
                     + 07:CA14       7.52      .567 No_date    3:30   41.14  n/a
     (DT= 2.00)  SUM=  04:T91013    43.38    3.150 No_date    3:48   52.48  n/a
005:1048---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:ND4ND5   216.69   13.699 No_date    3:38   51.96  n/a
                     + 04:T91013    43.38    3.150 No_date    3:48   52.48  n/a
     (DT= 2.00)  SUM=  07:TND5     260.07   16.594 No_date    3:38   52.05  n/a
005:1049---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 07:TND5     260.07   16.594 No_date    3:38   52.05  n/a
     (RDT= 2.00) out<- 08:ND5ND6   260.07   16.343 No_date    3:42   52.05  n/a
     (L/S/n=  578./1.640/.035)
     (Vmax= 2.236:Dmax= 1.838)
005:1050---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       09:15WHZ      1.38      .092 No_date    3:38   26.66 .371
     (CN= 74.0: N= 3.00)
     (Tp=  .25:DT= 2.00)
005:1051---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:15WRE      12.42    1.731 No_date    3:30   48.43 .674
     (XIMP=.30:TIMP=.55)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 221.:MNI=.013:SCI=   .0)
005:1052---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:15WRE      12.42    1.731 No_date    3:30   48.43  n/a
     (RDT= 2.00) out<- 02:15WPND     12.42      .448 No_date    4:08   48.43  n/a
    (MxStoUsed=.3429E+00)
005:1053---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:15WPND     12.42      .448 No_date    4:08   48.43  n/a
                     + 09:15WHZ       1.38      .092 No_date    3:38   26.66  n/a
     (DT= 2.00)  SUM=  03:T15W      13.80      .499 No_date    4:02   46.25  n/a
005:1054---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       04:15EHZ      3.15      .210 No_date    3:38   26.66 .371
     (CN= 74.0: N= 3.00)
     (Tp=  .25:DT= 2.00)
005:1055---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:15EIND     4.89      .819 No_date    3:30   60.03 .835
     (XIMP=.75:TIMP=.75)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 500.:MNI=.013:SCI=   .0)
005:1056---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 05:15EIND     4.89      .819 No_date    3:30   60.03  n/a
     (RDT= 2.00) out<- 06:15EPND     4.89      .261 No_date    3:56   60.03  n/a
    (MxStoUsed=.1627E+00)
005:1057---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD            04:15EHZ      3.15      .210 No_date    3:38   26.66  n/a
                     + 06:15EPND     4.89      .261 No_date    3:56   60.03  n/a
     (DT= 2.00)  SUM=  07:T15E       8.04      .448 No_date    3:42   46.96  n/a
005:1058---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:T15E       8.04      .448 No_date    3:42   46.96  n/a
                     + 03:T15W      13.80      .499 No_date    4:02   46.25  n/a
     (DT= 2.00)  SUM=  09:T15EW     21.84      .919 No_date    3:46   46.51  n/a
005:1059---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:UNGAS       .99      .115 No_date    3:30   37.74 .525
     (XIMP=.22:TIMP=.22)
     (LOSS= 2 :CN= 74.0)
     (Pervious     area: IAper=5.00:SLPP=3.30:LGP=  15.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.20:LGI=  90.:MNI=.013:SCI=   .0)
005:1060---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:UNGAS       .99      .115 No_date    3:30   37.74  n/a
     (RDT= 2.00) out<- 02:UNGPND      .99      .031 No_date    4:04   37.73  n/a
    (MxStoUsed=.1789E-01)
005:1061---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 02:UNGPND      .99      .031 No_date    4:04   37.73  n/a
     (LAG= 16.3 min)<- 03:SHUNGS      .99      .031 No_date    4:20   37.73  n/a
005:1062---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:T15EW     21.84      .919 No_date    3:46   46.51  n/a
                     + 03:SHUNGS      .99      .031 No_date    4:20   37.73  n/a
     (DT= 2.00)  SUM=  04:T15       22.83      .944 No_date    3:48   46.13  n/a
005:1063---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA16I      26.59     4.327 No_date    3:30   60.03 .835
     (XIMP=.75:TIMP=.75)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 551.:MNI=.013:SCI=   .0)
005:1064---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:CA16I      26.59     4.327 No_date    3:30   60.03  n/a
     (RDT= 2.00) out<- 07:15BPND     26.59      .641 No_date    4:32   60.03  n/a
    (MxStoUsed=.1123E+01)
005:1065---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:15BPND     26.59      .641 No_date    4:32   60.03  n/a
                     + 04:T15       22.83      .944 No_date    3:48   46.13  n/a
     (DT= 2.00)  SUM=  09:T1516     49.42     1.503 No_date    4:06   53.61  n/a
005:1066---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:ND5ND6   260.07   16.343 No_date    3:42   52.05  n/a
                     + 09:T1516     49.42     1.503 No_date    4:06   53.61  n/a
     (DT= 2.00)  SUM=  03:TND6     309.49   17.694 No_date    3:42   52.30  n/a
005:1067---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 03:TND6     309.49   17.694 No_date    3:42   52.30  n/a
     (RDT= 2.00) out<- 02:ND6ND8   309.49   17.585 No_date    3:44   52.30  n/a
     (L/S/n=  503./1.290/.035)
     (Vmax= 2.985:Dmax= 1.504)
005:1068---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA17RW      6.93      .973 No_date    3:30   48.43 .674
     (XIMP=.30:TIMP=.55)
     (LOSS= 2 :CN= 76.0)
     (Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=3.80:LGI= 263.:MNI=.013:SCI=   .0)
005:1069---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 05:CA17RW      6.93      .973 No_date    3:30   48.43  n/a
     (RDT= 2.00) out<- 03:17WPND      6.93      .650 No_date    3:38   48.43  n/a
    (MxStoUsed=.9927E-01)
005:1070---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:17WOS      2.11      .199 No_date    3:32   31.07 .432
     (CN= 79.0: N= 3.00)
     (Tp=  .17:DT= 2.00)
005:1071---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:17WPND      6.93      .650 No_date    3:38   48.43  n/a
                     + 05:17WOS       2.11      .199 No_date    3:32   31.07  n/a
     (DT= 2.00)  SUM=  04:T17W       9.04      .838 No_date    3:36   44.38  n/a
005:1072---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA17RE      3.51      .490 No_date    3:30   48.43 .674
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     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.40:LGI= 246.:MNI=.013:SCI=   .0]
005:1073---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       08:CA17OS     6.57     .620 No_date    3:32   31.07 .432
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
005:1074---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:CA17OS     6.57     .620 No_date    3:32   31.07  n/a
                     + 06:CA17RE     3.51     .490 No_date    3:30   48.43  n/a
     [DT= 2.00[  SUM=  09:T17E      10.08    1.088 No_date    3:32   37.12  n/a
005:1075---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 09:T17E      10.08    1.088 No_date    3:32   37.12  n/a
     [RDT= 2.00[ out<- 01:17EPND    10.08     .951 No_date    3:36   37.12  n/a
    {MxStoUsed=.5360E-01}
005:1076---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:17EPND    10.08     .951 No_date    3:36   37.12  n/a
                     + 04:T17W       9.04     .838 No_date    3:36   44.38  n/a
     [DT= 2.00[  SUM=  09:T17RES    19.12    1.789 No_date    3:36   40.55  n/a
005:1077---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:ND6ND8   309.49   17.585 No_date    3:44   52.30  n/a
                     + 09:T17RES    19.12    1.789 No_date    3:36   40.55  n/a
     [DT= 2.00[  SUM=  05:TND8     328.61   19.188 No_date    3:44   51.61  n/a
005:1078---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND8     328.61   19.188 No_date    3:44   51.61  n/a
     [RDT= 2.00] out<- 06:ND8ND9   328.61   19.089 No_date    3:46   51.61  n/a
     [L/S/n=  405./1.480/.045]
     {Vmax= 2.402:Dmax= 1.241}
005:1079---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:CA18      12.02     .683 No_date    3:50   30.05 .418
     [CN= 78.0: N= 3.00]
     [Tp=  .41:DT= 2.00]
005:1080---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:CA18      12.02     .683 No_date    3:50   30.05  n/a
                     + 06:ND8ND9   328.61   19.089 No_date    3:46   51.61  n/a
     [DT= 2.00]  SUM=  08:TND9     340.63   19.767 No_date    3:46   50.85  n/a
005:1081---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 08:TND9     340.63   19.767 No_date    3:46   50.85  n/a
     [RDT= 2.00] out<- 09:ND9ND1   340.63   19.649 No_date    3:48   50.85  n/a
     [L/S/n=  505./1.900/.045]
     {Vmax= 2.463:Dmax=  .960}
005:1082---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:CA18       1.18     .094 No_date    3:34   26.66 .371
     [CN= 74.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
005:1083---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CA19IN     7.54    1.278 No_date    3:30   60.03 .835
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 194.:MNI=.013:SCI=   .0[
005:1084---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:CA18       1.18     .094 No_date    3:34   26.66  n/a
                     + 02:CA19IN     7.54    1.278 No_date    3:30   60.03  n/a
     [DT= 2.00]  SUM=  03:T1819      8.72    1.368 No_date    3:30   55.52  n/a
005:1085---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T1819      8.72    1.368 No_date    3:30   55.52  n/a
                     + 09:ND9ND1   340.63   19.649 No_date    3:48   50.85  n/a
     [DT= 2.00[  SUM=  04:TND10    349.35   20.153 No_date    3:48   50.97  n/a
 ** END OF RUN :   5

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RUN:COMMAND#
006:1090---------------------------------------------------------------------------
    START
     [TZERO =    .00 hrs on        0]
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 [
     [NRUN  =   6 [
*#*****************************************************************************
*#  Project Name: [Owen Sound Drainage Study]    Project Number: [MCG 10665]
*#  Date        : 04-12-2007
*#  Modeller    : [T.Lozon]
*#  Company     : R.J. Burnside and Associates
*#  License #   :  3846413
006:1092---------------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  = 100-Year SCS Type-II Storm Distribution (6-hour) Owen Sound,
     [SDT=30.00:SDUR=   6.50:PTOT= 78.70]
006:1093---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:TRA7       1.82     .318 No_date    3:30   60.55 .769
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP= .50:LGP=  70.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI= 170.:MNI=.013:SCI=   .0]
006:1094---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:A8          .28     .048 No_date    3:30   56.51 .718
     [XIMP=.50:TIMP=.50[
     [LOSS= 2 :CN= 77.0[
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  82.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  82.:MNI=.013:SCI=   .0[
006:1095---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:A8          .28     .048 No_date    3:30   56.51  n/a
 *   [RDT= 2.00[ out<- 02:Pipe16      .28     .048 No_date    3:30   56.51  n/a
     [L/S/n=   15./2.000/.013[
     {Vmax= 1.654:Dmax=  .099}
     [Din=  .53:Dused=  .53]
006:1096---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe16      .28     .048 No_date    3:30   56.51  n/a
                     + 04:TRA7       1.82     .318 No_date    3:30   60.55  n/a
     [DT= 2.00[  SUM=  03:TRA8       2.10     .367 No_date    3:30   60.01  n/a
006:1097---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A9          .28     .040 No_date    3:30   40.35 .513
     [XIMP=.10:TIMP=.10]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=4.10:LGP= 100.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI=  35.:MNI=.013:SCI=   .0]
006:1098---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:A9          .28     .040 No_date    3:30   40.35  n/a
 *   [RDT= 2.00] out<- 05:Pipe17      .28     .039 No_date    3:30   40.35  n/a
     [L/S/n=   29./2.000/.013]
     {Vmax= 1.563:Dmax=  .090}
     [Din=  .53:Dused=  .53]
006:1099---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe17      .28     .039 No_date    3:30   40.35  n/a
                     + 03:TRA8       2.10     .367 No_date    3:30   60.01  n/a
     [DT= 2.00]  SUM=  06:TRA9       2.38     .406 No_date    3:30   57.67  n/a
006:1100---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:A10         .59     .102 No_date    3:30   56.51 .718
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  73.:MNI=.013:SCI=   .0[
006:1101---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:A10         .59     .102 No_date    3:30   56.51  n/a
 *   [RDT= 2.00] out<- 08:Pipe18      .59     .102 No_date    3:30   56.51  n/a
     [L/S/n=   60./2.000/.013[
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     {Vmax= 2.078:Dmax=  .145}
     [Din=  .53:Dused=  .53}
006:1102---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe18       .59     .102 No_date    3:30   56.51  n/a
                    +   06:TRA9        2.38     .406 No_date    3:30   57.67  n/a
     [DT= 2.00]  SUM=   09:TRA10       2.97     .508 No_date    3:30   57.44  n/a
006:1103---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:A11          .82     .143 No_date    3:30   56.
     {XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  67.:MNI=.013:SCI=   .0]
006:1104---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A11          .82     .143 No_date    3:30   56.51  n/a
 *   [RDT= 2.00] out<- 02:Pipe19       .82     .142 No_date    3:30   56.51  n/a
     [L/S/n=   59./2.000/.013]
     {Vmax= 2.288:Dmax=  .173]
     [Din=  .53:Dused=  .53]
006:1105---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:TRA10       2.97     .508 No_date    3:30   57.44  n/a
                    +   02:Pipe19       .82     .142 No_date    3:30   56.51  n/a
     [DT= 2.00]  SUM=   03:TRA11       3.80     .650 No_date    3:30   57.23  n/a
006:1106---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      04:A12          .30     .043 No_date    3:30   44.39 .564
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  58.:MNI=.013:SCI=   .0]
006:1107---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A12          .30     .043 No_date    3:30   44.39  n/a
 *   [RDT= 2.00] out<- 05:Pipe20       .30     .043 No_date    3:30   44.39  n/a
     [L/S/n=   69./2.000/.013]
     {Vmax= 1.600:Dmax=  .094}
     [Din=  .53:Dused=  .53]
006:1108---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe20       .30     .043 No_date    3:30   44.39  n/a
                    +   03:TRA11      3.80     .650 No_date    3:30   57.23  n/a
     [DT= 2.00]  SUM=   06:TRA12       4.10     .693 No_date    3:30   56.29  n/a
006:1109---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      07:A13          .31     .048 No_date    3:30   48.43 .615
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  68.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  68.:MNI=.013:SCI=   .0]
006:1110---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:A13          .31     .048 No_date    3:30   48.43  n/a
 *   [RDT= 2.00] out<- 08:Pipe21       .31     .048 No_date    3:30   48.43  n/a
     [L/S/n=   53./1.900/.013]
     {Vmax= 1.621:Dmax=  .100}
     [Din=  .53:Dused=  .53]
006:1111---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe21       .31     .048 No_date    3:30   48.43  n/a
                    +   06:TRA12      4.10     .693 No_date    3:30   56.29  n/a
     [DT= 2.00]  SUM=   09:TRA13       4.41     .741 No_date    3:30   55.74  n/a
006:1112---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:A14          .22     .035 No_date    3:30   48.43 .615
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
006:1113---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A14          .22     .035 No_date    3:30   48.43  n/a
 *   [RDT= 2.00] out<- 02:Pipe22       .22     .035 No_date    3:30   48.43  n/a
     |L/S/n=   52./1.250/.013]
     {Vmax= 1.267:Dmax=  .092}
     [Din=  .60:Dused=  .60]
006:1114---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD             02:Pipe22       .22     .035 No_date    3:30   48.43  n/a
                    +   09:TRA13      4.41     .741 No_date    3:30   55.74  n/a
     [DT= 2.00]  SUM=   03:TRA14       4.63     .776 No_date    3:30   55.39  n/a
006:1115---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      04:A15          .24     .037 No_date    3:30   48.43 .615
     [XIMP=.30:TIMP=.30]
                                                  2.00:LGP=  50.:MNP=.030:SCP=   .0]
                                                  50.:MNI=.013:SCI=   .0]
006:1116---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A15          .24     .037 No_date    3:30   48.43  n/a
 *   [RDT= 2.00] out<- 05:Pipe23       .24     .037 No_date    3:30   48.43  n/a
     [L/S/n=   10./ .500/.013]
     {Vmax=  .895:Dmax=  .110}
     [Din=  .75:Dused=  .75]
006:1117---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe23       .24     .037 No_date    3:30   48.43  n/a
                    +   03:TRA14      4.63     .776 No_date    3:30   55.39  n/a
     [DT= 2.00]  SUM=   06:TRA15       4.87     .814 No_date    3:30   55.05  n/a
006:1118---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:A101        3.00     .568 No_date    3:30   63.30 .804
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 150.:MNI=.013:SCI=   .0]
006:1119---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A101         3.00     .568 No_date    3:30   63.30  n/a
 *   |RDT= 2.00] out<- 02:Pipe24       3.00     .567 No_date    3:30   63.30  n/a
     {L/S/n=   60./ .750/.013]
     {Vmax= 2.266:Dmax=  .374}
     [Din=  .90:Dused=  .90}
006:1120---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:Pipe24       3.00     .567 No_date    3:30   63.30  n/a
 *   [RDT= 2.00] out<- 03:Pipe25       3.00     .566 No_date    3:30   63.30  n/a
     [L/S/n=   36./ .400/.013]
     {Vmax= 1.773:Dmax=  .510}
     [Din=  .75:Dused=  .75}
006:1121---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             06:TRA15       4.87     .814 No_date    3:30   55.05  n/a
                    +   03:Pipe25      3.00     .566 No_date    3:30   63.30  n/a
     [DT= 2.00]  SUM=   04:TRA101      7.87    1.380 No_date    3:30   58.20  n/a
006:1122---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:TRA101       7.87    1.380 No_date    3:30   58.20  n/a
 *   [RDT= 2.00] out<- 05:Pipe26       7.87    1.377 No_date    3:30   58.20  n/a
     [L/S/n=   51./ .650/.013]
     {Vmax= 2.610:Dmax=  .697}
     [Din=  .90:Dused=  .90}
006:1123---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:A102         .74     .156 No_date    3:30   70.00 .889
     [XIMP=.80:TIMP=.80]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  70.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
006:1124---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A102         .74     .156 No_date    3:30   70.00  n/a
 *   [RDT= 2.00] out<- 02:Pipe27       .74     .156 No_date    3:30   70.00  n/a
     [L/S/n=   42./1.000/.013]
     {Vmax= 1.794:Dmax=  .275}
     [Din=  .38:Dused=  .38}
006:1125---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe26       7.87    1.377 No_date    3:30   58.20  n/a
                    +   02:Pipe27       .74     .156 No_date    3:30   70.00  n/a
     [DT= 2.00]  SUM=   04:8thSTR      8.61    1.533 No_date    3:30   59.21  n/a
006:1126---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:8thSTR       8.61    1.533 No_date    3:30   59.21  n/a
 *   [RDT= 2.00] out<- 05:Pipe28       8.61    1.530 No_date    3:30   59.21  n/a
     [L/S/n=   88./3.260/.013]
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     {Vmax= 5.009:Dmax=  .490}
     {Din=  .75:Dused=  .75}
006:1127---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     06:A103        2.55     .500 No_date    3:30   63.30 .804
     {XIMP=.60:TIMP=.60}
     {LOSS= 2 :CN= 83.0}
     {Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.013:SCP=   .0}
     {Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0}
006:1128---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:A103        2.55     .500 No_date    3:30   63.30  n/a
 *   {RDT= 2.00} out<- 07:Pipe29      2.55     .500 No_date    3:30   63.30  n/a
     {L/S/n=   65./2.800/.013}
     {Vmax= 3.565:Dmax=  .265}
     {Din=  .75:Dused=  .75}
006:1129---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe28      8.61    1.530 No_date    3:30   59.21  n/a
                     + 07:Pipe29      2.55     .500 No_date    3:30   63.30  n/a
     {DT= 2.00}  SUM=  08:OSCVIb     11.16    2.029 No_date    3:30   60.15  n/a
006:1130---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:AREAB       6.03    1.158 No_date    3:30   63.30 .804
     {XIMP=.60:TIMP=.60}
     {LOSS= 2 :CN= 83.0}
     {Pervious     area: IAper=5.00:SLPP=3.50:LGP=  55.:MNP=.030:SCP=   .0}
     {Impervious   area: IAimp=2.00:SLPI=3.00:LGI= 320.:MNI=.013:SCI=   .0}
006:1131---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:AREAB       6.03    1.158 No_date    3:30   63.30  n/a
                     + 08:OSCVIb     11.16    2.029 No_date    3:30   60.15  n/a
     {DT= 2.00}  SUM=  01:OSCVI      17.19    3.187 No_date    3:30   61.25  n/a
006:1132---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:OSCVI      17.19    3.187 No_date    3:30   61.25  n/a
 *   {RDT= 2.00} out<- 02:Pipe30      17.19    3.178 No_date    3:30   61.25  n/a
     {L/S/n=  150./2.600/.013}
     {Vmax= 5.345:Dmax=  .763}
     {Din=  .90:Dused=  .93}
006:1133---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:HOSP        4.59     .681 No_date    3:30   49.90 .634
     {XIMP=.20:TIMP=.20}
     {LOSS= 2 :CN= 83.0}
     {Pervious     area: IAper=5.00:SLPP=1.00:LGP= 130.:MNP=.013:SCP=   .0}
     {Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 300.:MNI=.013:SCI=   .0}
006:1134---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:HOSP        4.59     .681 No_date    3:30   49.90  n/a
 *   {RDT= 2.00} out<- 04:Pipe31      4.59     .680 No_date    3:32   49.90  n/a
     {L/S/n=  118./6.000/.013}
     {Vmax= 4.972:Dmax=  .366}
     {Din=  .38:Dused=  .45}
006:1135---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:Pipe31      4.59     .680 No_date    3:32   49.90  n/a
 *   {RDT= 2.00} out<- 05:Pipe32      4.59     .681 No_date    3:32   49.90  n/a
     {L/S/n=   70./1.100/.013}
     {Vmax= 2.631:Dmax=  .503}
     {Din=  .60:Dused=  .61}
006:1136---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe30     17.19    3.178 No_date    3:30   61.25  n/a
                     + 05:Pipe32      4.59     .681 No_date    3:32   49.90  n/a
     {DT= 2.00}  SUM=  06:TOTHSP     21.78    3.851 No_date    3:30   58.86  n/a
006:1137---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:TOTHSP     21.78    3.851 No_date    3:30   58.86  n/a
 *   {RDT= 2.00} out<- 07:Pipe33      21.78    3.846 No_date    3:30   58.86  n/a
     {L/S/n=   60./4.300/.013}
     {Vmax= 6.767:Dmax=  .746}
     {Din=  .90:Dused=  .91}
006:1138---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:104         4.20     .804 No_date    3:30   63.30 .804
     {XIMP=.60:TIMP=.60}
     {LOSS= 2 :CN= 83.0}
     {Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.013:SCP=   .0}
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     {Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 300.:MNI=.013:SCI=   .0}
006:1139---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:Pipe33     21.78    3.846 No_date    3:30   58.86  n/a
                     + 08:104         4.20     .804 No_date    3:30   63.30  n/a
     {DT= 2.00}  SUM=  09:TOT104     25.98    4.650 No_date    3:30   59.58  n/a
006:1140---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 09:TOT104     25.98    4.650 No_date    3:30   59.58  n/a
 *   {RDT= 2.00} out<- 01:Pipe34      25.98    4.642 No_date    3:30   59.58  n/a
     {L/S/n=   59./1.300/.013}
     {Vmax= 4.529:Dmax= 1.002}
     {Din= 1.20:Dused= 1.22}
006:1141---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:105         3.59     .597 No_date    3:30   51.58 .655
     {XIMP=.25:TIMP=.25}
     {LOSS= 2 :CN= 83.0}
     {Pervious     area: IAper=5.00:SLPP=4.00:LGP= 200.:MNP=.013:SCP=   .0}
     {Impervious   area: IAimp=2.00:SLPI=4.00:LGI= 200.:MNI=.013:SCI=   .0}
006:1142---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:105         3.59     .597 No_date    3:30   51.58  n/a
 *   {RDT= 2.00} out<- 03:Pipe35      3.59     .594 No_date    3:30   51.58  n/a
     {L/S/n=   70./ .750/.013}
     {Vmax= 2.206:Dmax=  .514}
     {Din=  .60:Dused=  .63}
006:1143---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:Pipe35      3.59     .594 No_date    3:30   51.58  n/a
 *   {RDT= 2.00} out<- 04:Pipe36      3.59     .590 No_date    3:30   51.58  n/a
     {L/S/n=  120./1.050/.013}
     {Vmax= 2.531:Dmax=  .464}
     {Din=  .60:Dused=  .60}
006:1144---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:105.2       2.44     .404 No_date    3:30   53.25 .677
     {XIMP=.30:TIMP=.30}
     {LOSS= 2 :CN= 83.0}
     {Pervious     area: IAper=5.00:SLPP=5.00:LGP= 300.:MNP=.013:SCP=   .0}
     {Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 300.:MNI=.013:SCI=   .0}
006:1145---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:Pipe36      3.59     .590 No_date    3:30   51.58  n/a
                     + 05:105.2       2.44     .404 No_date    3:30   53.25  n/a
     {DT= 2.00}  SUM=  06:T105.2      6.03     .993 No_date    3:30   52.26  n/a
006:1146---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 06:T105.2      6.03     .993 No_date    3:30   52.26  n/a
 *   {RDT= 2.00} out<- 07:Pipe37      6.03     .990 No_date    3:30   52.26  n/a
     {L/S/n=   75./2.800/.013}
     {Vmax= 4.142:Dmax=  .474}
     {Din=  .60:Dused=  .60}
006:1147---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:Pipe37      6.03     .990 No_date    3:30   52.26  n/a
 *   {RDT= 2.00} out<- 08:Pipe38      6.03     .987 No_date    3:30   52.26  n/a
     {L/S/n=   69./2.200/.013}
     {Vmax= 3.748:Dmax=  .508}
     {Din=  .60:Dused=  .62}
006:1148---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     09:AREA A      2.34     .377 No_date    3:30   45.59 .579
     {XIMP=.01:TIMP=.10}
     {LOSS= 2 :CN= 83.0}
     {Pervious     area: IAper=5.00:SLPP=8.00:LGP= 190.:MNP=.030:SCP=   .0}
     {Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  10.:MNI=.013:SCI=   .0}
006:1149---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:AREA A      2.34     .377 No_date    3:30   45.59  n/a
                     + 08:Pipe38      6.03     .987 No_date    3:30   52.26  n/a
     {DT= 2.00}  SUM=  02:OSCVIA      8.37    1.364 No_date    3:30   50.39  n/a
006:1150---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:OSCVIA      8.37    1.364 No_date    3:30   50.39  n/a
 *   {RDT= 2.00} out<- 03:Pipe39      8.37    1.361 No_date    3:30   50.39  n/a
     {L/S/n=   50./3.000/.013}
     {Vmax= 4.561:Dmax=  .541}
     {Din=  .60:Dused=  .66}
```

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006:1151----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe39      8.37     1.361 No_date    3:30   50.39  n/a
 *   [RDT= 2.00] out<- 04:Pipe40      8.37     1.358 No_date    3:30   50.39  n/a
    [L/S/n=   30./1.000/.013]
    {Vmax= 3.019:Dmax=  .664}
    [Din=  .75:Dused=  .81}
006:1152----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:Pipe34     25.98     4.642 No_date    3:30   59.58  n/a
                      + 04:Pipe40      8.37     1.358 No_date    3:30   50.39  n/a
    [DT= 2.00]  SUM=  05:16&10       34.35     6.001 No_date    3:30   57.34  n/a
006:1153----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16&10       34.35     6.001 No_date    3:30   57.34  n/a
 *   [RDT= 2.00] out<- 06:Pipe41      34.35     5.982 No_date    3:30   57.34  n/a
    [L/S/n=   80./ .600/.013]
    {Vmax= 3.613:Dmax= 1.274}
    [Din= 1.50:Dused= 1.55}
006:1154----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      07:999         4.20      .470 No_date    3:30   49.90 .634
    [XIMP=.20:TIMP=.20]
    [LOSS= 2 :CN= 83.0]
    [Pervious     area: IAper=5.00:SLPP=3.00:LGP= 350.:MNP=.100:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=3.00:LGI=  60.:MNI=.013:SCI=   .0]
006:1155----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:999         4.20      .470 No_date    3:30   49.90  n/a
 *   [RDT= 2.00] out<- 08:Pipe42      4.20      .465 No_date    3:30   49.90  n/a
    [L/S/n=  100./3.000/.013]
    [Vmax= 3.534:Dmax=  .351}
    [Din=  .45:Dused=  .45}
006:1156----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:Pipe42      4.20      .465 No_date    3:30   49.90  n/a
                      + 06:Pipe41     34.35     5.982 No_date    3:30   57.34  n/a
    [DT= 2.00]  SUM=  09:TRA999      38.55     6.446 No_date    3:30   56.53  n/a
006:1157----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:106         1.95      .290 No_date    3:30   49.90 .634
    [XIMP=.20:TIMP=.20]
    [LOSS= 2 :CN= 83.0]
    [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  50.:MNP=.100:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=1.00:LGI=  50.:MNI=.013:SCI=   .0]
006:1158----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:TRA999     38.55     6.446 No_date    3:30   56.53  n/a
                      + 01:106         1.95      .290 No_date    3:30   49.90  n/a
    [DT= 2.00]  SUM=  02:TRA106      40.50     6.737 No_date    3:30   56.21  n/a
006:1159----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 02:TRA106      40.50     6.737 No_date    3:30   56.21  n/a
     [RDT= 2.00] out<- 03:CHAN-1      40.50     6.687 No_date    3:30   56.21  n/a
     {L/S/n=  150./2.000/.035}
     {Vmax= 2.490:Dmax=  .672}
006:1160----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:CHAN-1      40.50     6.687 No_date    3:30   56.21  n/a
     [RDT= 2.00] out<- 04:POND1       40.50     2.210 No_date    3:56   56.21  n/a
    {MxStoUsed=.1302E+01}
006:1161----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      05:107.1        .96      .165 No_date    3:30   56.60 .719
    [XIMP=.40:TIMP=.40]
    [LOSS= 2 :CN= 83.0]
    [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
006:1162----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:107.1        .96      .165 No_date    3:30   56.60  n/a
 *   [RDT= 2.00] out<- 06:Pipe43       .96      .164 No_date    3:30   56.60  n/a
    [L/S/n=   43./2.400/.013]
    {Vmax= 2.473:Dmax=  .255}
    [Din=  .30:Dused=  .31}
006:1163----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      07:107.2        .30      .051 No_date    3:30   56.60 .719
    [XIMP=.40:TIMP=.40]
    [LOSS= 2 :CN= 83.0]
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    [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
006:1164----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:107.2        .30      .051 No_date    3:30   56.60  n/a
                      + 06:Pipe43       .96      .164 No_date    3:30   56.60  n/a
    [DT= 2.00]  SUM=  08:T107.2      1.26      .216 No_date    3:30   56.60  n/a
006:1165----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 08:T107.2      1.26      .216 No_date    3:30   56.60  n/a
 *   [RDT= 2.00] out<- 09:Pipe44      1.26      .215 No_date    3:30   56.60  n/a
    [L/S/n=   65./2.200/.013]
    {Vmax= 2.633:Dmax=  .261}
    [Din=  .38:Dused=  .38}
006:1166----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      01:107.3        .30      .051 No_date    3:30   56.60 .719
    [XIMP=.40:TIMP=.40]
    [LOSS= 2 :CN= 83.0]
    [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
006:1167----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:107.3        .30      .051 No_date    3:30   56.60  n/a
                      + 09:Pipe44      1.26      .215 No_date    3:30   56.60  n/a
    [DT= 2.00]  SUM=  02:T107.3      1.56      .266 No_date    3:30   56.60  n/a
006:1168----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:T107.3      1.56      .266 No_date    3:30   56.60  n/a
 *   [RDT= 2.00] out<- 03:Pipe45      1.56      .266 No_date    3:30   56.60  n/a
    [L/S/n=   55./1.900/.013]
    {Vmax= 2.654:Dmax=  .271}
    [Din=  .45:Dused=  .45}
006:1169----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:Pipe45      1.56      .266 No_date    3:30   56.60  n/a
                      + 04:POND1      40.50     2.210 No_date    3:56   56.21  n/a
    [DT= 2.00]  SUM=  05:16+10       42.06     2.293 No_date    3:56   56.22  n/a
006:1170----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:16+10       42.06     2.293 No_date    3:56   56.22  n/a
 *   [RDT= 2.00] out<- 06:Pipe46      42.06     2.293 No_date    3:56   56.22  n/a
    [L/S/n=   94./ .600/.013]
    {Vmax= 2.937:Dmax=  .782}
    [Din= 1.20:Dused= 1.20}
006:1171----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      07:900         7.25     1.365 No_date    3:30   63.30 .804
    [XIMP=.60:TIMP=.60]
    [LOSS= 2 :CN= 83.0]
    [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 100.:MNP=.100:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 100.:MNI=.013:SCI=   .0]
006:1172----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:900         7.25     1.365 No_date    3:30   63.30  n/a
     [RDT= 2.00] out<- 08:POND2       7.25      .633 No_date    3:36   63.30  n/a
    {MxStoUsed=.1373E+00}
006:1173----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 08:POND2       7.25      .633 No_date    3:36   63.30  n/a
 *   [RDT= 2.00] out<- 09:Pipe47      7.25      .632 No_date    3:38   63.30  n/a
    [L/S/n=  250./ .400/.013]
    {Vmax= 1.804:Dmax=  .555}
    [Din=  .75:Dused=  .75}
006:1174----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:Pipe47      7.25      .632 No_date    3:38   63.30  n/a
                      + 06:Pipe46     42.06     2.293 No_date    3:56   56.22  n/a
    [DT= 2.00]  SUM=  01:TRP2        49.31     2.899 No_date    3:56   57.27  n/a
006:1175----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD      02:108         1.10      .189 No_date    3:30   56.60 .719
    [XIMP=.40:TIMP=.40]
    [LOSS= 2 :CN= 83.0]
    [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
006:1176----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:TRP2       49.31     2.899 No_date    3:56   57.27  n/a
                      + 02:108         1.10      .189 No_date    3:30   56.60  n/a
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     [DT= 2.00[  SUM=  03:T108      50.41    2.957 No_date    3:56   57.25  n/a
006:1177--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:T108      50.41    2.957 No_date    3:56   57.25  n/a
 *   [RDT= 2.00] out<- 04:Pipe48     50.41    2.956 No_date    3:56   57.25  n/a
     [L/S/n=   60./ .580/.013]
     [Vmax= 2.992:Dmax=  .980]
     [Din= 1.20:Dused= 1.20]
006:1178--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:Pipe48    50.41    2.956 No_date    3:56   57.25  n/a
 *   [RDT= 2.00] out<- 05:Pipe49     50.41    2.959 No_date    3:56   57.25  n/a
     [L/S/n=   59./ .630/.013]
     [Vmax= 3.116:Dmax=  .938]
     [Din= 1.20:Dused= 1.20]
006:1179--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:ANDPET      7.70     .971 No_date    3:30   51.25 .651
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.300:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 100.:MNI=.013:SCI=   .0]
006:1180--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:ANDPET      7.70     .971 No_date    3:30   51.25  n/a
     [RDT= 2.00] out<- 07:ANDPND      7.70     .583 No_date    3:32   51.25  n/a
    [MxStoUsed=.9018E-01]
006:1181--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:ANDPND     7.70     .583 No_date    3:32   51.25  n/a
 *   [RDT= 2.00] out<- 08:Pipe50      7.70     .580 No_date    3:34   51.25  n/a
     [L/S/n=   59./ .200/.013]
     [Vmax= 1.336:Dmax=  .653]
     [Din=  .75:Dused=  .80]
006:1182--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe49     50.41    2.959 No_date    3:56   57.25  n/a
                     + 08:Pipe50      7.70     .580 No_date    3:34   51.25  n/a
     [DT= 2.00]  SUM=  09:TOTAND     58.11    3.474 No_date    3:56   56.46  n/a
006:1183--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:RETRES       .90     .148 No_date    3:30   57.87 .735
     [XIMP=.63:TIMP=.63]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  20.:MNP=.300:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .50:LGI=  65.:MNI=.013:SCI=   .0]
006:1184--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:RETRES       .90     .148 No_date    3:30   57.87  n/a
     [RDT= 2.00] out<- 02:POND3        .90     .147 No_date    3:30   57.87  n/a
    [MxStoUsed=.9241E-02]
006:1185--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TOTAND     58.11    3.474 No_date    3:56   56.46  n/a
                     + 02:POND3        .90     .147 No_date    3:30   57.87  n/a
     [DT= 2.00]  SUM=  05:TOT16      59.01    3.519 No_date    3:56   56.48  n/a
006:1186--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:WLMRT      20.72    3.358 No_date    3:30   62.21 .790
     [XIMP=.65:TIMP=.65]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=4.20:LGP= 130.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 371.:MNI=.013:SCI=   .0]
006:1187--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:WEXT        1.58     .199 No_date    3:30   37.22 .473
     [CN= 78.0: N= 3.00]
     [Tp=  .11:DT= 2.00]
006:1188--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:WLMRT      20.72    3.358 No_date    3:30   62.21  n/a
                     + 07:WEXT        1.58     .199 No_date    3:30   37.22  n/a
     [DT= 2.00]  SUM=  08:TWLMRT     22.30    3.558 No_date    3:30   60.44  n/a
006:1189--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 08:TWLMRT      22.30    3.558 No_date    3:30   60.44  n/a
     [RDT= 2.00] out<- 09:WMRTPD      22.30    1.326 No_date    3:56   60.44  n/a
    [MxStoUsed=.5789E+00]
006:1190--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 09:WMRTPD     22.30    1.326 No_date    3:56   60.44  n/a
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     [RDT= 2.00] out<- 01:16thST     22.30    1.326 No_date    3:56   60.44  n/a
     [L/S/n=  180./ .580/.013]
     [Vmax= 2.547:Dmax=  .609]
     [Din= 1.05:Dused= 1.05]
006:1191--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CDNT        3.62     .782 No_date    3:30   74.63 .948
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  33.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.30:LGI= 273.:MNI=.013:SCI=   .0]
006:1192--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:TOT16      59.01    3.519 No_date    3:56   56.48  n/a
                     + 01:16thST     22.30    1.326 No_date    3:56   60.44  n/a
     [DT= 2.00]  SUM=  04:TN1        81.31    4.845 No_date    3:56   57.56  n/a
006:1193--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:CDNT        3.62     .782 No_date    3:30   74.63  n/a
                     + 04:TN1        81.31    4.845 No_date    3:56   57.56  n/a
     [DT= 2.00]  SUM=  03:TND1       84.93    5.054 No_date    3:54   58.29  n/a
006:1194--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:TND1      84.93    5.054 No_date    3:54   58.29  n/a
     [RDT= 2.00] out<- 04:ND1ND2     84.93    5.057 No_date    3:56   58.29  n/a
     [L/S/n=  150./ .730/.013]
     [Vmax= 3.638:Dmax=  .719]
     [HGTH= 1.22:WDTH= 1.93]
006:1195--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA2COM      4.44     .940 No_date    3:30   72.56 .922
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=6.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.40:LGI= 149.:MNI=.013:SCI=   .0]
006:1196--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA2COM      4.44     .940 No_date    3:30   72.56  n/a
     [RDT= 2.00] out<- 05:C2APND      4.44     .431 No_date    3:34   72.56  n/a
    [MxStoUsed=.1660E+00]
006:1197--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 05:C2APND     4.44     .431 No_date    3:34   72.56  n/a
     [LAG=  5.7 min)<- 06:SH2a        4.44     .431 No_date    3:38   72.56  n/a
006:1198--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA3a        5.11     .890 No_date    3:30   60.82 .773
     [XIMP=.55:TIMP=.66]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=7.10:LGP=  28.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 248.:MNI=.013:SCI=   .0]
006:1199--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 07:CA3a       5.11     .890 No_date    3:30   60.82  n/a
     [LAG=  2.5 min)<- 08:SH3a        5.11     .890 No_date    3:32   60.82  n/a
006:1200--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA3b        2.82     .563 No_date    3:30   68.83 .875
     [XIMP=.81:TIMP=.81]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  40.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .80:LGI= 118.:MNI=.013:SCI=   .0]
006:1201--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:ANDCOM      1.10     .239 No_date    3:30   74.63 .948
     [XIMP=.95:TIMP=.95]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  10.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 115.:MNI=.013:SCI=   .0]
006:1202--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:ANDCOM      1.10     .239 No_date    3:30   74.63  n/a
     [RDT= 2.00] out<- 02:ACPND       1.10     .224 No_date    3:30   74.63  n/a
    [MxStoUsed=.1355E-01]
006:1203--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:ND1ND2     84.93    5.057 No_date    3:56   58.29  n/a
                     + 06:SH2a        4.44     .431 No_date    3:38   72.56  n/a
     [DT= 2.00]  SUM=  03:T2a        89.37    5.418 No_date    3:56   59.00  n/a
006:1204--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD             03:T2a       89.37    5.418 No_date    3:56   59.00  n/a
                    +   08:SH3a       5.11     .890 No_date    3:32   60.82  n/a
     [DT= 2.00]  SUM=   04:T2b       94.48    5.734 No_date    3:54   59.10  n/a
006:1205--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:T2b       94.48    5.734 No_date    3:54   59.10  n/a
                    +   02:ACPND       1.10     .224 No_date    3:30   74.63  n/a
.    [DT= 2.00]  SUM=   05:T2c       95.58    5.817 No_date    3:54   59.28  n/a
006:1206--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:T2c       95.58    5.817 No_date    3:54   59.28  n/a
                    +   09:CA3b       2.82     .563 No_date    3:30   68.83  n/a
     [DT= 2.00]  SUM=   03:TND2      98.40    5.973 No_date    3:54   59.55  n/a
006:1207--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD     03:TND2      98.40    5.973 No_date    3:54   59.55  n/a
       Major System /   04:CHAN      18.18    2.953 No_date    3:54   59.55  n/a
       Minor System \   05:PIPE      80.22    3.020 No_date    3:10   59.55  n/a
006:1208--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 05:P1PE      80.22    3.020 No_date    3:10   59.55  n/a
     [RDT= 2.00] out<- 06:N3N4P     80.22    3.020 No_date    4:00   59.55  n/a
     [L/S/n=  640./ .600/.013]
     [Vmax= 3.043:Dmax=  .985]
     [Din= 1.20:Dused= 1.20]
006:1209--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:CHAN      18.18    2.953 No_date    3:54   59.55  n/a
*    [RDT= 2.00] out<- 07:N2N3C     18.18    2.929 No_date    3:56   59.55  n/a
     [L/S/n=  240./ .650/.035]
     [Vmax= 1.270:Dmax=  .509]
006:1210--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      04:CA1COM     5.30    1.117 No_date    3:30   72.56 .922
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=2.10:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=4.10:LGI= 146.:MNI=.013:SCI=   .0]
006:1211--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:CA1IND    10.99    2.110 No_date    3:30   66.35 .843
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=2.10:LGI= 234.:MNI=.013:SCI=   .0]
006:1212--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:CA1COM     5.30    1.117 No_date    3:30   72.56  n/a
                    +   05:CA1IND    10.99    2.110 No_date    3:30   66.35  n/a
     [DT= 2.00]  SUM=   09:TOT1      16.29    3.227 No_date    3:30   68.37  n/a
006:1213--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 09:TOT1      16.29    3.227 No_date    3:30   68.37  n/a
     [RDT= 2.00] out<- 08:C1PND     16.29     .389 No_date    4:30   68.37  n/a
    [MxStoUsed=.8159E+00]
006:1214--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:C1PND     16.29     .389 No_date    4:30   68.37  n/a
     [LAG= 34.4 min]<- 09:SH1       16.29     .389 No_date    5:04   68.37  n/a
006:1215--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:N2N3C     18.18    2.929 No_date    3:56   59.55  n/a
                    +   09:SH1       16.29     .389 No_date    5:04   68.37  n/a
     [DT= 2.00]  SUM=   02:T3a       34.47    3.065 No_date    4:00   63.72  n/a
006:1216--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:CA2IND     5.15     .989 No_date    3:30   66.35 .843
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=2.20:LGI= 227.:MNI=.013:SCI=   .0]
006:1217--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA2IND     5.15     .989 No_date    3:30   66.35  n/a
     [RDT= 2.00] out<- 08:C2BPND     5.15     .313 No_date    3:46   66.34  n/a
    [MxStoUsed=.1910E+00]
006:1218--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:C2BPND     5.15     .313 No_date    3:46   66.34  n/a
     [LAG= 37.7 min]<- 03:SH2b       5.15     .313 No_date    4:22   66.34  n/a
006:1219--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    CALIB STANDHYD      04:CA4       14.53    1.554 No_date    3:36   50.43 .641
     [XIMP=.25:TIMP=.44]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=2.10:LGP=  73.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .30:LGI= 466.:MNI=.013:SCI=   .0]
006:1220--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:T3a       34.47    3.065 No_date    4:00   63.72  n/a
                    +   03:SH2b       5.15     .313 No_date    4:22   66.34  n/a
     [DT= 2.00]  SUM=   01:T3a       39.62    3.230 No_date    4:02   64.06  n/a
006:1221--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:T3a       39.62    3.230 No_date    4:02   64.06  n/a
                    +   04:CA4       14.53    1.554 No_date    3:36   50.43  n/a
     [DT= 2.00]  SUM=   03:T3b       54.15    4.333 No_date    3:34   60.40  n/a
006:1222--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:MALL      13.24    2.342 No_date    3:30   70.15 .891
     [XIMP=.63:TIMP=.89]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.30:LGP= 120.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .20:LGI= 293.:MNI=.013:SCI=   .0]
006:1223--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD     01:MALL      13.24    2.342 No_date    3:30   70.15  n/a
       Major System /   02:CHAN       4.03    1.555 No_date    3:30   70.15  n/a
       Minor System \   04:PIPE       9.21     .787 No_date    3:08   70.15  n/a
006:1224--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T3b       54.15    4.333 No_date    3:34   60.40  n/a
                    +   02:CHAN       4.03    1.555 No_date    3:30   70.15  n/a
     [DT= 2.00]  SUM=   05:TND3      58.18    5.855 No_date    3:32   61.08  n/a
006:1225--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND3      58.18    5.855 No_date    3:32   61.08  n/a
     [RDT= 2.00] out<- 07:ND3ND4    58.18    5.599 No_date    3:36   61.08  n/a
     [L/S/n=  390./ .650/.035]
     [Vmax= 1.549:Dmax=  .725]
006:1226--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      08:CA5       15.85    1.672 No_date    3:30   47.78 .607
     [XIMP=.32:TIMP=.47]
     [LOSS= 2 :CN= 69.0]
     [Pervious      area: IAper=5.00:SLPP=1.50:LGP= 103.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=1.40:LGI= 289.:MNI=.013:SCI=   .0]
006:1227--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 08:CA5       15.85    1.672 No_date    3:30   47.78  n/a
     [LAG=  5.9 min]<- 09:SH5       15.85    1.672 No_date    3:34   47.78  n/a
006:1228--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:CA6       32.10    2.333 No_date    3:34   48.60 .618
     [XIMP=.20:TIMP=.40]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP= .70:LGP= 135.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .70:LGI= 539.:MNI=.013:SCI=   .0]
006:1229--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:CA6       32.10    2.333 No_date    3:34   48.60  n/a
                    +   09:SH5       15.85    1.672 No_date    3:34   47.78  n/a
     [DT= 2.00]  SUM=   02:T56ND3     47.95    4.005 No_date    3:34   48.33  n/a
006:1230--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:CA7        2.90     .254 No_date    3:30   42.11 .535
     [XIMP=.33:TIMP=.38]
     [LOSS= 2 :CN= 63.0]
     [Pervious      area: IAper=6.50:SLPP= .60:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .40:LGI= 130.:MNI=.013:SCI=   .0]
006:1231--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:CA7        2.90     .254 No_date    3:30   42.11  n/a
     [LAG=  6.6 min]<- 01:SH7        2.90     .254 No_date    3:36   42.11  n/a
006:1232--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:CA8        8.01    1.573 No_date    3:30   68.55 .871
     [XIMP=.73:TIMP=.84]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  60.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=1.10:LGI=  95.:MNI=.013:SCI=   .0]
006:1233--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    SHIFT HYD       -> 05:CA8        8.01    1.573 No_date    3:30   68.55  n/a
     [LAG= 21.3 min]<- 08:SH8        8.01    1.573 No_date    3:50   68.55  n/a
006:1234--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA11       4.18     .478 No_date    3:32   48.75 .619
     [XIMP=.28:TIMP=.36]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 270.:MNI=.013:SCI=   .0]
006:1235--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:SH7        2.90     .254 No_date    3:36   42.11  n/a
                     +  08:SH8        8.01    1.573 No_date    3:50   68.55  n/a
     [DT= 2.00[  SUM=  05:T7811a     10.91    1.708 No_date    3:50   61.53  n/a
006:1236--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:T7811a     10.91    1.708 No_date    3:50   61.53  n/a
                     +  09:CA11       4.18     .478 No_date    3:32   48.75  n/a
     [DT= 2.00]  SUM=  03:T7811b     15.09    2.130 No_date    3:34   57.99  n/a
006:1237--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T7811b     15.09    2.130 No_date    3:34   57.99  n/a
                     +  02:T56ND3     47.95    4.005 No_date    3:34   48.33  n/a
     [DT= 2.00]  SUM=  05:T7811      63.04    6.135 No_date    3:34   50.64  n/a
006:1238--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:ND3ND4     58.18    5.599 No_date    3:36   61.08  n/a
                     +  05:T7811      63.04    6.135 No_date    3:34   50.64  n/a
     [DT= 2.00]  SUM=  02:T56781    121.22   11.703 No_date    3:34   55.65  n/a
006:1239--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     03:CA3c       1.14     .175 No_date    3:30   55.08 .700
     [XIMP=.45:TIMP=.50]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.50:LGI=  80.:MNI=.013:SCI=   .0]
006:1240--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:CA3c       1.14     .175 No_date    3:30   55.08  n/a
     [RDT= 2.00] out<- 05:3cPIPE     1.14     .169 No_date    3:30   55.08  n/a
     [L/S/n=  240./ .200/.013]
     {Vmax= 1.030:Dmax=  .348}
     {Din=  .60:Dused=  .60}
006:1241--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:CA4a       1.86     .369 No_date    3:30   67.57 .859
     [XIMP=.75:TIMP=.80]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  24.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  69.:MNI=.013:SCI=   .0]
006:1242--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:PIPE       9.21     .787 No_date    3:08   70.15  n/a
                     +  03:CA4a       1.86     .369 No_date    3:30   67.57  n/a
     [DT= 2.00]  SUM=  08:TMLL4a     11.07    1.156 No_date    3:30   69.72  n/a
006:1243--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:TMLL4a     11.07    1.156 No_date    3:30   69.72  n/a
                     +  05:3cPIPE     1.14     .169 No_date    3:30   55.08  n/a
     [DT= 2.00]  SUM=  07:TMLL3c     12.21    1.325 No_date    3:30   68.36  n/a
006:1244--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:TMLL3c     12.21    1.325 No_date    3:30   68.36  n/a
     [RDT= 2.00] out<- 09:ML3CN4     12.21    1.319 No_date    3:30   68.36  n/a
     [L/S/n=  405./ .600/.013]
     {Vmax= 2.238:Dmax=  .305}
     {HGTH= 1.22:WDTH= 1.93}
006:1245--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA6IND     3.04     .579 No_date    3:30   66.35 .843
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  87.:MNI=.013:SCI=   .0]
006:1246--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA6IND     3.04     .579 No_date    3:30   66.35  n/a
     [RDT= 2.00] out<- 08:C6APND     3.04     .250 No_date    3:36   66.34  n/a
     {MxStoUsed=.9994E-01}
006:1247--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD             08:C6APND     3.04     .250 No_date    3:36   66.34  n/a
                     +  09:ML3CN4     12.21    1.319 No_date    3:30   68.36  n/a
     [DT= 2.00]  SUM=  01:ML436a     15.25    1.542 No_date    3:30   67.95  n/a
006:1248--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:T56781    121.22   11.703 No_date    3:34   55.65  n/a
                     +  01:ML436a     15.25    1.542 No_date    3:30   67.95  n/a
     [DT= 2.00]  SUM=  03:ML436b    136.47   13.135 No_date    3:34   57.02  n/a
006:1249--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             06:N3N4P      80.22    3.020 No_date    4:00   59.55  n/a
                     +  03:ML436b    136.47   13.135 No_date    3:34   57.02  n/a
     [DT= 2.00]  SUM=  04:TND4      216.69   16.154 No_date    3:34   57.96  n/a
006:1250--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:TND4      216.69   16.154 No_date    3:34   57.96  n/a
     [RDT= 2.00] out<- 02:ND4ND5    216.69   15.622 No_date    3:38   57.96  n/a
     [L/S/n=  697./ .650/.035]
     {Vmax= 2.674:Dmax= 2.058}
006:1251--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:MLLRE      1.26     .239 No_date    3:30   63.87 .812
     [XIMP=.60:TIMP=.74]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.90:LGP=  26.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI=  73.:MNI=.013:SCI=   .0]
006:1252--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:MLLRE      1.26     .239 No_date    3:30   63.87  n/a
     [RDT= 2.00] out<- 04:MLLRCE     1.26     .112 No_date    3:36   63.87  n/a
     {MxStoUsed=.2405E-01}
006:1253--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 04:MLLRCE     1.26     .112 No_date    3:36   63.87  n/a
     [LAG= 18.8 min]<- 05:SHMLRE     1.26     .112 No_date    3:54   63.87  n/a
006:1254--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:MLLRW      1.73     .357 No_date    3:30   71.51 .909
     [XIMP=.82:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.35:LGP=  37.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .42:LGI= 120.:MNI=.013:SCI=   .0]
006:1255--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:MLLRW      1.73     .357 No_date    3:30   71.51  n/a
     [RDT= 2.00] out<- 07:MLLRCW     1.73     .238 No_date    3:34   71.51  n/a
     {MxStoUsed=.3302E-01}
006:1256--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:MLLRCW     1.73     .238 No_date    3:34   71.51  n/a
     [LAG= 13.4 min]<- 08:SHMLRW     1.73     .238 No_date    3:46   71.51  n/a
006:1257--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA9        7.85     .971 No_date    3:30   52.33 .665
     [XIMP=.42:TIMP=.43]
     [LOSS= 2 :CN= 75.0]
     [Pervious     area: IAper=5.00:SLPP=1.60:LGP=  96.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.70:LGI= 207.:MNI=.013:SCI=   .0]
006:1258--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:TOTMLR     1.73     .238 No_date    3:46   71.51  n/a
                     +  05:SHMLRE     1.26     .112 No_date    3:54   63.87  n/a
     [DT= 2.00]  SUM=  08:TOTMLR     2.99     .344 No_date    3:48   68.29  n/a
006:1259--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:CA9        7.85     .971 No_date    3:30   52.33  n/a
                     +  08:TOTMLR     2.99     .344 No_date    3:48   68.29  n/a
     [DT= 2.00]  SUM=  03:T9MLR      10.84    1.210 No_date    3:30   56.73  n/a
006:1260--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:T9MLR      10.84    1.210 No_date    3:30   56.73  n/a
     [LAG= 19.3 min]<- 04:CA9        10.84    1.210 No_date    3:48   56.73  n/a
006:1261--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:CA10IN     17.87    3.315 No_date    3:30   66.35 .843
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.20:LGI= 427.:MNI=.013:SCI=   .0]
006:1262--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:CA10IN     17.87    3.315 No_date    3:30   66.35  n/a
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     [RDT= 2.00] out<- 05:10PND     17.87     1.724 No_date    3:40   66.35  n/a
    {MxStoUsed=.5278E+00}
006:1263----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA13       7.15      .820 No_date    3:30   53.78 .683
     [XIMP=.44:TIMP=.54]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI= .60:LGI=  80.:MNI=.013:SCI=    .0]
006:1264----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA14       7.52      .641 No_date    3:30   46.50 .591
     [XIMP=.32:TIMP=.35]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 111.:MNI=.013:SCI=    .0]
006:1265----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:10PND     17.87     1.724 No_date    3:40   66.35  n/a
                   +   06:CA13       7.15      .820 No_date    3:30   53.78  n/a
     [DT= 2.00]  SUM=  08:T1013     25.02     2.122 No_date    3:30   62.76  n/a
006:1266----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:T1013     25.02     2.122 No_date    3:30   62.76  n/a
                   +   04:CA9       10.84     1.210 No_date    3:48   56.73  n/a
     [DT= 2.00]  SUM=  03:T14       35.86     3.272 No_date    3:48   60.93  n/a
006:1267----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:T14       35.86     3.272 No_date    3:48   60.93  n/a
                   +   07:CA14       7.52      .641 No_date    3:30   46.50  n/a
     [DT= 2.00]  SUM=  04:T91013    43.38     3.635 No_date    3:48   58.43  n/a
006:1268----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:ND4ND5    216.69    15.622 No_date    3:38   57.96  n/a
                   +   04:T91013    43.38     3.635 No_date    3:48   58.43  n/a
     [DT= 2.00]  SUM=  07:TND5      260.07    19.010 No_date    3:38   58.04  n/a
006:1269----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 07:TND5      260.07    19.010 No_date    3:38   58.04  n/a
     [RDT= 2.00] out<- 08:ND5ND6    260.07    18.759 No_date    3:42   58.04  n/a
     [L/S/n=  578./1.640/.035]
     {Vmax= 2.336:Dmax= 1.924}
006:1270----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       09:15WHZ      1.38      .109 No_date    3:38   31.25 .397
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
006:1271----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:15WRE      12.42     1.959 No_date    3:30   54.40 .691
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.80:LGI= 221.:MNI=.013:SCI=    .0]
006:1272----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:15WRE      12.42     1.959 No_date    3:30   54.40  n/a
     [RDT= 2.00] out<- 02:15WPND     12.42      .523 No_date    4:06   54.40  n/a
    {MxStoUsed=.3803E+00}
006:1273----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:15WPND     12.42      .523 No_date    4:06   54.40  n/a
                   +   09:15WHZ      1.38      .109 No_date    3:38   31.25  n/a
     [DT= 2.00]  SUM=  03:T15W      13.80      .584 No_date    4:02   52.09  n/a
006:1274----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       04:15EHZ      3.15      .248 No_date    3:38   31.25 .397
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
006:1275----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:15EIND     4.89      .910 No_date    3:30   66.35 .843
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 500.:MNI=.013:SCI=    .0]
006:1276----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 05:15EIND     4.89      .910 No_date    3:30   66.35  n/a
     [RDT= 2.00] out<- 06:15EPND     4.89      .305 No_date    3:52   66.34  n/a
    {MxStoUsed=.1761E+00}
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006:1277----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:15EHZ      3.15      .248 No_date    3:38   31.25  n/a
                   +   06:15EPND     4.89      .305 No_date    3:52   66.34  n/a
     [DT= 2.00]  SUM=  07:T15E       8.04      .533 No_date    3:40   52.60  n/a
006:1278----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:T15E       8.04      .533 No_date    3:40   52.60  n/a
                   +   03:T15W      13.80      .584 No_date    4:02   52.09  n/a
     [DT= 2.00]  SUM=  09:T15EW     21.84     1.091 No_date    3:44   52.28  n/a
006:1279----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:UNGAS       .99      .131 No_date    3:30   42.88 .545
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  15.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.20:LGI=  90.:MNI=.013:SCI=    .0]
006:1280----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:UNGAS       .99      .131 No_date    3:30   42.88  n/a
     [RDT= 2.00] out<- 02:UNGPND      .99      .034 No_date    4:04   42.87  n/a
    {MxStoUsed=.2071E-01}
006:1281----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 02:UNGPND      .99      .034 No_date    4:04   42.87  n/a
     [LAG= 16.3 min]<- 03:SHUNGS      .99      .034 No_date    4:20   42.87  n/a
006:1282----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:T15EW     21.84     1.091 No_date    3:44   52.28  n/a
                   +   03:SHUNGS      .99      .034 No_date    4:20   42.87  n/a
     [DT= 2.00]  SUM=  04:T15       22.83     1.117 No_date    3:46   51.87  n/a
006:1283----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:CA16I      26.59     4.819 No_date    3:30   66.35 .843
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 551.:MNI=.013:SCI=    .0]
006:1284----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:CA16I      26.59     4.819 No_date    3:30   66.35  n/a
     [RDT= 2.00] out<- 07:15BPND     26.59      .763 No_date    4:24   66.35  n/a
    {MxStoUsed=.1222E+01}
006:1285----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:15BPND     26.59      .763 No_date    4:24   66.35  n/a
                   +   04:T15       22.83     1.117 No_date    3:46   51.87  n/a
     [DT= 2.00]  SUM=  09:T1516      49.42     1.780 No_date    4:04   59.66  n/a
006:1286----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:ND5ND6    260.07    18.759 No_date    3:42   58.04  n/a
                   +   09:T1516      49.42     1.780 No_date    4:04   59.66  n/a
     [DT= 2.00]  SUM=  03:TND6      309.49    20.392 No_date    3:42   58.30  n/a
006:1287----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 03:TND6      309.49    20.392 No_date    3:42   58.30  n/a
     [RDT= 2.00] out<- 02:ND6ND8    309.49    20.283 No_date    3:46   58.30  n/a
     [L/S/n=  503./1.290/.035]
     {Vmax= 3.076:Dmax= 1.610}
006:1288----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:CA17RW     6.93     1.101 No_date    3:30   54.40 .691
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=I.70:LGP=  30.:MNP=.250:SCP=    .0]
     [Impervious   area: IAimp=2.00:SLPI=3.80:LGI= 263.:MNI=.013:SCI=    .0[
006:1289----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 05:CA17RW     6.93     1.101 No_date    3:30   54.40  n/a
     [RDT= 2.00] out<- 03:17WPND     6.93      .761 No_date    3:38   54.40  n/a
    {MxStoUsed=.1090E+00}
006:1290----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:17WOS      2.11      .233 No_date    3:32   36.16 .460
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
006:1291----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:17WPND     6.93      .761 No_date    3:38   54.40  n/a
                   +   05:17WOS      2.11      .233 No_date    3:32   36.16  n/a
     [DT= 2.00]  SUM=  04:T17W       9.04      .983 No_date    3:36   50.15  n/a
006:1292----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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     CALIB STANDHYD      06:CA17RE      3.51      .554 No_date    3:30   54.40 .691
      [XIMP=.30:TIMP=.55]
      [LOSS= 2 :CN= 76.0]
      [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
      [Impervious    area: IAimp=2.00:SLPI=2.40:LGI= 246.:MNI=.013:SCI=    .0]
 006:1293---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD        08:CA17OS      6.57      .724 No_date    3:32   36.16 .460
      [CN= 79.0: N= 3.00]
      [Tp=  .17:DT= 2.00]
 006:1294---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             08:CA17OS      6.57      .724 No_date    3:32   36.16  n/a
                       + 06:CA17RE      3.51      .554 No_date    3:30   54.40  n/a
      [DT= 2.00]  SUM=   09:T17E       10.08     1.254 No_date    3:32   42.52  n/a
 006:1295---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE RESERVOIR -> 09:T17E       10.08     1.254 No_date    3:32   42.52  n/a
  *   [RDT= 2.00] out<- 01:17EPND     10.08     1.117 No_date    3:36   42.52  n/a
     [MxStoUsed=.5974E-01]
 006:1296---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             01:17EPND     10.08     1.117 No_date    3:36   42.52  n/a
                       + 04:T17W        9.04      .983 No_date    3:36   50.15  n/a
      [DT= 2.00|  SUM=   09:T17RES     19.12     2.099 No_date    3:36   46.12  n/a
 006:1297---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             02:ND6ND8    309.49    20.283 No_date    3:46   58.30  n/a
                       + 09:T17RES     19.12     2.099 No_date    3:36   46.12  n/a
      [DT= 2.00]  SUM=   05:TND8      328.61    22.112 No_date    3:44   57.59  n/a
 006:1298---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:TND8      328.61    22.112 No_date    3:44   57.59  n/a
      [RDT= 2.00] out<- 06:ND8ND9    328.61    22.023 No_date    3:46   57.59  n/a
      [L/S/n=  405./1.480/.045]
      {Vmax= 2.494:Dmax= 1.328}
 006:1299---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD        07:CA18       12.02      .802 No_date    3:48   35.04 .445
      [CN= 78.0: N= 3.00]
      |Tp=  .41:DT= 2.00]
 006:1300---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             07:CA18       12.02      .802 No_date    3:48   35.04  n/a
                       + 06:ND8ND9    328.61    22.023 No_date    3:46   57.59  n/a
      [DT= 2.00]  SUM=   08:TND9      340.63    22.820 No_date    3:46   56.79  n/a
 006:1301---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 08:TND9      340.63    22.820 No_date    3:46   56.79  n/a
      [RDT= 2.00] out<- 09:ND9ND1    340.63    22.712 No_date    3:48   56.79  n/a
      [L/S/n=  505./1.900/.045]
      {Vmax= 2.585:Dmax= 1.027}
 006:1302---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD        01:CA18        1.18      .111 No_date    3:34   31.25 .397
      [CN= 74.0: N= 3.00]
      [Tp=  .17:DT= 2.00]
 006:1303---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD      02:CA19IN      7.54     1.413 No_date    3:30   66.35 .843
      [XIMP=.75:TIMP=.75]
      [LOSS= 2 :CN= 76.0]
      [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=    .0]
      [Impervious    area: IAimp=2.00:SLPI= .50:LGI= 194.:MNI=.013:SCI=    .0]
 006:1304---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             01:CA18        1.18      .111 No_date    3:34   31.25  n/a
                       + 02:CA19IN      7.54     1.413 No_date    3:30   66.35  n/a
      [DT= 2.00]  SUM=   03:T1819       8.72     1.520 No_date    3:30   61.60  n/a
 006:1305---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             03:T1819       8.72     1.520 No_date    3:30   61.60  n/a
                       + 09:ND9ND1    340.63    22.712 No_date    3:48   56.79  n/a
      [DT= 2.00|  SUM=   04:TND10     349.35    23.270 No_date    3:48   56.91  n/a
  ** END OF RUN :   6

*******************************************************************************
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 RUN:COMMAND#
 007:1311---------------------------------------------------------------------------
     START
      [TZERO =     .00 hrs on         0]
      [METOUT=    2    (1=imperial, 2=metric output)]
      [NSTORM=    1 ]
      [NRUN  =    7 ]
 *#*****************************************************************************
 *#  Project Name: [Owen Sound Drainage Study]    Project Number: [MCG 10665]
 *#  Date        : 04-12-2007
 *#  Modeller    : [T.Lozon]
 *#  Company     : R.J. Burnside and Associates
 *#  License #   :  3846413
 007:1313---------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  = TIMMINS REGIONAL STORM (12-hour)
      [SDT=60.00:SDUR=  12.00:PTOT=193.00]
 007:1314---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD      04:TRA7        1.82      .200 No_date    7:00  168.18 .871
      [XIMP=.60:TIMP=.60]
      [LOSS= 2 :CN= 77.0]
      [Pervious      area: IAper=5.00:SLPP= .50:LGP=  70.:MNP=.030:SCP=    .0]
      [Impervious    area: IAimp=2.00:SLPI= .50:LGI= 170.:MNI=.013:SCI=    .0]
 007:1315---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD      01:A8           .28      .030 No_date    7:00  162.47 .842
      [XIMP=.50:TIMP=.50]
      [LOSS= 2 :CN= 77.0]
      [Pervious      area: IAper=5.00:SLPP=2.00:LGP=  82.:MNP=.030:SCP=    .0]
      [Impervious    area: IAimp=2.00:SLPI=2.00:LGI=  82.:MNI=.013:SCI=    .0]
 007:1316---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 01:A8           .28      .030 No_date    7:00  162.47  n/a
  *   [RDT= 2.00] out<- 02:Pipe16       .28      .030 No_date    7:00  162.47  n/a
      [L/S/n=   15./2.000/.013]
      {Vmax= 1.443:Dmax=  .079}
      [Din=  .53:Dused=  .53}
 007:1317---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             02:Pipe16      .28      .030 No_date    7:00  162.47  n/a
                       + 04:TRA7       1.82      .200 No_date    7:00  168.18  n/a
      [DT= 2.00|  SUM=   03:TRA8       2.10      .231 No_date    7:00  167.42  n/a
 007:1318---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD      04:A9           .28      .029 No_date    7:00  139.65 .724
      [XIMP=.10:TIMP=.10]
      [LOSS= 2 :CN= 77.0]
      {Pervious      area: IAper=5.00:SLPP=4.10:LGP= 100.:MNP=.030:SCP=    .0]
      [Impervious    area: IAimp=2.00:SLPI=4.10:LGI=  35.:MNI=.013:SCI=    .0]
 007:1319---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 04:A9           .28      .029 No_date    7:00  139.65  n/a
  *   [RDT= 2.00] out<- 05:Pipe17       .28      .029 No_date    7:00  139.65  n/a
      [L/S/n=   29./2.000/.013]
      {Vmax= 1.406:Dmax=  .077}
      [Din=  .53:Dused=  .53}
 007:1320---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             05:Pipe17      .28      .029 No_date    7:00  139.65  n/a
                       + 03:TRA8       2.10      .231 No_date    7:00  167.42  n/a
      [DT= 2.00]  SUM=   06:TRA9       2.38      .259 No_date    7:00  164.11  n/a
 007:1321---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD      07:A10          .59      .064 No_date    7:00  162.47 .842
      |XIMP=.50:TIMP=.50]
      [LOSS= 2 :CN= 77.0]
      [Pervious      area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=    .0]
      |Impervious    area: IAimp=2.00:SLPI=3.60:LGI=  73.:MNI=.013:SCI=    .0]
 007:1322---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE PIPE      -> 07:A10          .59      .064 No_date    7:00  162.47  n/a
  *   [RDT= 2.00| out<- 08:Pipe18       .59      .064 No_date    7:00  162.47  n/a
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     [L/S/n=   60./2.000/.013]
     [Vmax= 1.816:Dmax=  .115]
     [Din=  .53:Dused=  .53]
007:1323--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe18      .59     .064 No_date    7:00  162.47  n/a
                     + 06:TRA9       2.38     .259 No_date    7:00  164.11  n/a
     [DT= 2.00]  SUM=  09:TRA10      2.97     .323 No_date    7:00  163.78  n/a
007:1324--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A11         .82     .090 No_date    7:00  162.47 .842
     [XIMP=.50:TIMP=.50]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=3.60:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.60:LGI=  67.:MNI=.013:SCI=   .0]
007:1325--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A11         .82     .090 No_date    7:00  162.47  n/a
 *   [RDT= 2.00] out<- 02:Pipe19      .82     .090 No_date    7:00  162.47  n/a
     [L/S/n=   59./2.000/.013]
     [Vmax= 2.007:Dmax=  .136]
     [Din=  .53:Dused=  .53]
007:1326--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TRA10      2.97     .323 No_date    7:00  163.78  n/a
                     + 02:Pipe19      .82     .090 No_date    7:00  162.47  n/a
     [DT= 2.00]  SUM=  03:TRA11      3.80     .413 No_date    7:00  163.50  n/a
007:1327--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A12         .30     .031 No_date    7:00  145.36 .753
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  58.:MNI=.013:SCI=   .0]
007:1328--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A12         .30     .031 No_date    7:00  145.36  n/a
 *   [RDT= 2.00] out<- 05:Pipe20      .30     .031 No_date    7:00  145.36  n/a
     [L/S/n=   69./2.000/.013]
     [Vmax= 1.452:Dmax=  .080]
     [Din=  .53:Dused=  .53]
007:1329--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe20      .30     .031 No_date    7:00  145.36  n/a
                     + 03:TRA11      3.80     .413 No_date    7:00  163.50  n/a
     [DT= 2.00]  SUM=  06:TRA12      4.10     .444 No_date    7:00  162.17  n/a
007:1330--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:A13         .31     .032 No_date    7:00  151.06 .783
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  68.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  68.:MNI=.013:SCI=   .0]
007:1331--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:A13         .31     .032 No_date    7:00  151.06  n/a
 *   [RDT= 2.00] out<- 08:Pipe21      .31     .032 No_date    7:00  151.06  n/a
     [L/S/n=   53./1.900/.013]
     [Vmax= 1.465:Dmax=  .083]
     [Din=  .53:Dused=  .53]
007:1332--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe21      .31     .032 No_date    7:00  151.06  n/a
                     + 06:TRA12      4.10     .444 No_date    7:00  162.17  n/a
     [DT= 2.00]  SUM=  09:TRA13      4.41     .476 No_date    7:00  161.39  n/a
007:1333--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A14         .22     .023 No_date    7:00  151.06 .783
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
007:1334--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A14         .22     .023 No_date    7:00  151.06  n/a
 *   [RDT= 2.00] out<- 02:Pipe22      .22     .023 No_date    7:00  151.06  n/a
     [L/S/n=   52./1.250/.013]
     [Vmax= 1.093:Dmax=  .074]
     [Din=  .60:Dused=  .60]
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007:1335--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:Pipe22      .22     .023 No_date    7:00  151.06  n/a
                     + 09:TRA13      4.41     .476 No_date    7:00  161.39  n/a
     [DT= 2.00]  SUM=  03:TRA14      4.63     .500 No_date    7:00  160.89  n/a
007:1336--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:A15         .24     .025 No_date    7:00  151.06 .783
     [XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 77.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  50.:MNI=.013:SCI=   .0]
007:1337--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:A15         .24     .025 No_date    7:00  151.06  n/a
 *   [RDT= 2.00] out<- 05:Pipe23      .24     .025 No_date    7:00  151.06  n/a
     [L/S/n=   10./ .500/.013]
     [Vmax=  .785:Dmax=  .089]
     [Din=  .75:Dused=  .75]
007:1338--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe23      .24     .025 No_date    7:00  151.06  n/a
                     + 03:TRA14      4.63     .500 No_date    7:00  160.89  n/a
     [DT= 2.00]  SUM=  06:TRA15      4.87     .524 No_date    7:00  160.41  n/a
007:1339--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:A101        3.00     .341 No_date    7:00  173.50 .899
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 150.:MNI=.013:SCI=   .0]
007:1340--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A101        3.00     .341 No_date    7:00  173.50  n/a
 *   [RDT= 2.00] out<- 02:Pipe24      3.00     .341 No_date    7:00  173.50  n/a
     [L/S/n=   60./ .750/.013]
     [Vmax= 1.971:Dmax=  .285]
     [Din=  .90:Dused=  .90]
007:1341--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:Pipe24      3.00     .341 No_date    7:00  173.50  n/a
 *   [RDT= 2.00] out<- 03:Pipe25      3.00     .341 No_date    7:00  173.50  n/a
     [L/S/n=   36./ .400/.013]
     [Vmax= 1.580:Dmax=  .368]
     [Din=  .75:Dused=  .75]
007:1342--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:TRA15      4.87     .524 No_date    7:00  160.41  n/a
                     + 03:Pipe25      3.00     .341 No_date    7:00  173.50  n/a
     [DT= 2.00]  SUM=  04:TRA101      7.87     .866 No_date    7:00  165.40  n/a
007:1343--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:TRA101      7.87     .866 No_date    7:00  165.40  n/a
 *   [RDT= 2.00] out<- 05:Pipe26      7.87     .865 No_date    7:00  165.40  n/a
     [L/S/n=   51./ .650/.013]
     [Vmax= 2.390:Dmax=  .499]
     [Din=  .90:Dused=  .90]
007:1344--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     01:A102        .74     .087 No_date    7:00  182.25 .944
     [XIMP=.80:TIMP=.80]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  70.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=5.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
007:1345--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 01:A102        .74     .087 No_date    7:00  182.25  n/a
 *   [RDT= 2.00] out<- 02:Pipe27      .74     .087 No_date    7:00  182.25  n/a
     [L/S/n=   42./1.000/.013]
     [Vmax= 1.581:Dmax=  .186]
     [Din=  .38:Dused=  .38]
007:1346--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe26     7.87     .865 No_date    7:00  165.40  n/a
                     + 02:Pipe27      .74     .087 No_date    7:00  182.25  n/a
     [DT= 2.00]  SUM=  04:8thSTR      8.61     .952 No_date    7:00  166.85  n/a
007:1347--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 04:8thSTR      8.61     .952 No_date    7:00  166.85  n/a
 *   [RDT= 2.00] out<- 05:Pipe28      8.61     .952 No_date    7:00  166.85  n/a
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     [L/S/n=   88./3.260/.013[
     {Vmax= 4.486:Dmax=  .363}
     [Din=  .75:Dused=  .75}
007:1348--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     06:A103       2.55      .291 No_date    7:00  173.50 .899
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 150.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI=  70.:MNI=.013:SCI=   .0]
007:1349--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:A103       2.55      .291 No_date    7:00  173.50  n/a
 *   [RDT= 2.00} out<- 07:Pipe29     2.55      .291 No_date    7:00  173.50  n/a
     [L/S/n=   65./2.800/.013]
     {Vmax= 3.066:Dmax=  .200}
     [Din=  .75:Dused=  .75}
007:1350--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:Pipe28     8.61      .952 No_date    7:00  166.85  n/a
                      + 07:Pipe29     2.55      .291 No_date    7:00  173.50  n/a
     [DT= 2.00]  SUM=  08:OSCVIb    11.16     1.243 No_date    7:00  168.37  n/a
007:1351--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:AREAB      6.03      .687 No_date    7:00  173.50 .899
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     ]Pervious     area: IAper=5.00:SLPP=3.50:LGP=  55.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI= 320.:MNI=.013:SCI=   .0]
007:1352--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:AREAB      6.03      .687 No_date    7:00  173.50  n/a
                      + 08:OSCVIb    11.16     1.243 No_date    7:00  168.37  n/a
     (DT= 2.00]  SUM=  01:OSCVI     17.19     1.930 No_date    7:00  170.17  n/a
007:1353--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 01:OSCVI     17.19     1.930 No_date    7:00  170.17  n/a
 *   [RDT= 2.00] out<- 02:Pipe30    17.19     1.930 No_date    7:00  170.17  n/a
     [L/S/n=  150./2.600/.013]
     {Vmax= 4.903:Dmax=  .534}
     [Din=  .90:Dused=  .90}
007:1354--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:HOSP       4.59      .494 No_date    7:00  156.00 .808
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP= 130.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI= 300.:MNI=.013:SCI=   .0]
007:1355--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:HOSP       4.59      .494 No_date    7:00  156.00  n/a
 *   [RDT= 2.00] out<- 04:Pipe31     4.59      .494 No_date    7:00  156.00  n/a
     [L/S/n=  118./6.000/.013]
     [Vmax= 4.589:Dmax=  .324}
     [Din=  .38:Dused=  .40}
007:1356--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:Pipe31     4.59      .494 No_date    7:00  156.00  n/a
 *   [RDT= 2.00] out<- 05:Pipe32     4.59      .493 No_date    7:00  156.00  n/a
     [L/S/n=   70./1.100/.013]
     {Vmax= 2.510:Dmax=  .394}
     [Din=  .60:Dused=  .60}
007:1357--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:Pipe30    17.19     1.930 No_date    7:00  170.17  n/a
                      + 05:Pipe32     4.59      .493 No_date    7:00  156.00  n/a
     [DT= 2.00]  SUM=  06:TOTHSP    21.78     2.423 No_date    7:00  167.18  n/a
007:1358--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:TOTHSP    21.78     2.423 No_date    7:00  167.18  n/a
 *   [RDT= 2.00] out<- 07:Pipe33    21.78     2.423 No_date    7:00  167.18  n/a
     [L/S/n=   60./4.300/.013]
     [Vmax= 6.274:Dmax=  .526}
     [Din=  .90:Dused=  .90}
007:1359--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     08:104        4.20      .479 No_date    7:00  173.50 .899
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0[
```



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     [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 300.:MNI=.013:SCI=   .0]
007:1360--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:Pipe33    21.78     2.423 No_date    7:00  167.18  n/a
                      + 08:104        4.20      .479 No_date    7:00  173.50  n/a
     [DT= 2.00]  SUM=  09:TOT104    25.98     2.902 No_date    7:00  168.21  n/a
007:1361--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 09:TOT104    25.98     2.902 No_date    7:00  168.21  n/a
 *   [RDT= 2.00] out<- 01:Pipe34    25.98     2.901 No_date    7:00  168.21  n/a
     [L/S/n=   59./1.300/.013]
     [Vmax= 4.188:Dmax=  .706}
     [Din= 1.20:Dused= 1.20}
007:1362--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:105        3.59      .392 No_date    7:00  158.19 .820
     [XIMP=.25:TIMP=.25]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=4.00:LGP= 200.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.00:LGI= 200.:MNI=.013:SCI=   .0]
007:1363--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:105        3.59      .392 No_date    7:00  158.19  n/a
 *   [RDT= 2.00] out<- 03:Pipe35     3.59      .392 No_date    7:00  158.19  n/a
     [L/S/n=   70./ .750/.013]
     [Vmax= 2.058:Dmax=  .383}
     [Din=  .60:Dused=  .60}
007:1364--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:Pipe35     3.59      .392 No_date    7:00  158.19  n/a
 *   [RDT= 2.00] out<- 04:Pipe36     3.59      .392 No_date    7:00  158.19  n/a
     [L/S/n=  120./1.050/.013]
     {Vmax= 2.347:Dmax=  .343}
     [Din=  .60:Dused=  .60}
007:1365--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:105.2      2.44      .268 No_date    7:00  160.38 .831
     {XIMP=.30:TIMP=.30]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 300.:MNP=.013:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 300.:MNI=.013:SCI=   .0]
007:1366--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:Pipe36     3.59      .392 No_date    7:00  158.19  n/a
                      + 05:105.2      2.44      .268 No_date    7:00  160.38  n/a
     [DT= 2.00]  SUM=  06:T105.2     6.03      .660 No_date    7:00  159.07  n/a
007:1367--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 06:T105.2     6.03      .660 No_date    7:00  159.07  n/a
 *   [RDT= 2.00] out<- 07:Pipe37     6.03      .660 No_date    7:00  159.07  n/a
     [L/S/n=   75./2.800/.013]
     [Vmax= 3.860:Dmax=  .350}
     [Din=  .60:Dused=  .60}
007:1368--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:Pipe37     6.03      .660 No_date    7:00  159.07  n/a
 *   [RDT= 2.00] out<- 08:Pipe38     6.03      .660 No_date    7:00  159.07  n/a
     [L/S/n=   69./2.200/.013]
     [Vmax= 3.512:Dmax=  .378}
     [Din=  .60:Dused=  .60}
007:1369--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     09:AREA A     2.34      .253 No_date    7:00  151.05 .783
     [XIMP=.01:TIMP=.10]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=8.00:LGP= 190.:MNP=.030:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  10.:MNI=.013:SCI=   .0]
007:1370--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:AREA A     2.34      .253 No_date    7:00  151.05  n/a
                      + 08:Pipe38     6.03      .660 No_date    7:00  159.07  n/a
     [DT= 2.00]  SUM=  02:OSCVIA     8.37      .913 No_date    7:00  156.83  n/a
007:1371--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 02:OSCVIA     8.37      .913 No_date    7:00  156.83  n/a
 *   [RDT= 2.00] out<- 03:Pipe39     8.37      .913 No_date    7:00  156.83  n/a
     [L/S/n=   50./3.000/.013]
     [Vmax= 4.228:Dmax=  .428}
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     [Din=  .60:Dused=  .60]
007:1372---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 03:Pipe39     8.37     .913 No_date    7:00  156.83  n/a
 *   [RDT= 2.00] out<- 04:Pipe40     8.37     .913 No_date    7:00  156.83  n/a
     [L/S/n=   30./1.000/.013]
     {Vmax= 2.813:Dmax=  .517}
     [Din=  .75:Dused=  .75}
007:1373---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:Pipe34    25.98    2.901 No_date    7:00  168.21  n/a
                     + 04:Pipe40     8.37     .913 No_date    7:00  156.83  n/a
     [DT= 2.00]  SUM=  05:16&10     34.35    3.814 No_date    7:00  165.43  n/a
007:1374---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:16&10     34.35    3.814 No_date    7:00  165.43  n/a
 *   [RDT= 2.00] out<- 06:Pipe41     34.35    3.812 No_date    7:00  165.43  n/a
     [L/S/n=   80./ .600/.013]
     {Vmax= 3.348:Dmax=  .921}
     [Din= 1.50:Dused= 1.50]
007:1375---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     07:999        4.20     .426 No_date    7:00  156.00 .808
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=3.00:LGP= 350.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=3.00:LGI=  60.:MNI=.013:SCI=   .0]
007:1376---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 07:999        4.20     .426 No_date    7:00  156.00  n/a
 *   [RDT= 2.00] out<- 08:Pipe42     4.20     .426 No_date    7:00  156.00  n/a
     [L/S/n=  100./3.000/.013]
     {Vmax= 3.493:Dmax=  .323}
     [Din=  .45:Dused=  .45]
007:1377---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            08:Pipe42     4.20     .426 No_date    7:00  156.00  n/a
                     + 06:Pipe41    34.35    3.812 No_date    7:00  165.43  n/a
     [DT= 2.00]  SUM=  09:TRA999     38.55    4.238 No_date    7:00  164.41  n/a
007:1378---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:106        1.95     .210 No_date    7:00  156.00 .808
     [XIMP=.20:TIMP=.20]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  50.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.00:LGI=  50.:MNI=.013:SCI=   .0]
007:1379---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TRA999    38.55    4.238 No_date    7:00  164.41  n/a
                     + 01:106        1.95     .210 No_date    7:00  156.00  n/a
     [DT= 2.00]  SUM=  02:TRA106     40.50    4.448 No_date    7:00  164.00  n/a
007:1380---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 02:TRA106     40.50    4.448 No_date    7:00  164.00  n/a
     [RDT= 2.00] out<- 03:CHAN-1     40.50    4.444 No_date    7:00  164.00  n/a
     [L/S/n=  150./2.000/.035]
     {Vmax= 2.224:Dmax=  .547}
007:1381---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:CHAN-1     40.50    4.444 No_date    7:00  164.00  n/a
     [RDT= 2.00] out<- 04:POND1      40.50    4.416 No_date    7:02  164.00  n/a
     [MxStoUsed=.1385E+01]
007:1382---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     05:107.1       .96     .107 No_date    7:00  164.75 .854
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
007:1383---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:107.1       .96     .107 No_date    7:00  164.75  n/a
 *   [RDT= 2.00] out<- 06:Pipe43       .96     .107 No_date    7:00  164.75  n/a
     [L/S/n=   43./2.400/.013]
     [Vmax= 2.301:Dmax=  .187}
     [Din=  .30:Dused=  .30}
007:1384---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:107.2       .30     .033 No_date    7:00  164.75 .854
     [XIMP=.40:TIMP=.40]
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     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
007:1385---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            07:107.2       .30     .033 No_date    7:00  164.75  n/a
                     + 06:Pipe43       .96     .107 No_date    7:00  164.75  n/a
     [DT= 2.00]  SUM=  08:T107.2      1.26     .140 No_date    7:00  164.75  n/a
007:1386---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 08:T107.2      1.26     .140 No_date    7:00  164.75  n/a
 *   [RDT= 2.00] out<- 09:Pipe44       1.26     .140 No_date    7:00  164.75  n/a
     [L/S/n=   65./2.200/.013]
     [Vmax= 2.397:Dmax=  .196}
     [Din=  .38:Dused=  .38]
007:1387---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:107.3       .30     .033 No_date    7:00  164.75 .854
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
007:1388---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:107.3       .30     .033 No_date    7:00  164.75  n/a
                     + 09:Pipe44      1.26     .140 No_date    7:00  164.75  n/a
     [DT= 2.00]  SUM=  02:T107.3      1.56     .173 No_date    7:00  164.75  n/a
007:1389---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 02:T107.3      1.56     .173 No_date    7:00  164.75  n/a
 *   [RDT= 2.00] out<- 03:Pipe45       1.56     .173 No_date    7:00  164.75  n/a
     [L/S/n=   55./1.900/.013]
     [Vmax= 2.391:Dmax=  .209]
     [Din=  .45:Dused=  .45]
007:1390---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            03:Pipe45      1.56     .173 No_date    7:00  164.75  n/a
                     + 04:POND1      40.50    4.416 No_date    7:02  164.00  n/a
     [DT= 2.00]  SUM=  05:16+10      42.06    4.588 No_date    7:00  164.03  n/a
007:1391---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:16+10      42.06    4.588 No_date    7:00  164.03  n/a
 *   [RDT= 2.00] out<- 06:Pipe46      42.06    4.587 No_date    7:00  164.03  n/a
     [L/S/n=   94./ .600/.013]
     [Vmax= 3.378:Dmax= 1.152]
     [Din= 1.20:Dused= 1.40]
007:1392---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:900         7.25     .825 No_date    7:00  173.50 .899
     [XIMP=.60:TIMP=.60]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=5.00:LGP= 100.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=5.00:LGI= 100.:MNI=.013:SCI=   .0]
007:1393---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:900         7.25     .825 No_date    7:00  173.50  n/a
     [RDT= 2.00] out<- 08:POND2       7.25     .610 No_date    7:04  173.50  n/a
     [MxStoUsed=.1230E+00]
007:1394---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 08:POND2       7.25     .610 No_date    7:04  173.50  n/a
 *   [RDT= 2.00] out<- 09:Pipe47       7.25     .609 No_date    7:06  173.50  n/a
     ]L/S/n=  250./ .400/.013]
     [Vmax= 1.794:Dmax=  .540}
     {Din=  .75:Dused=  .75}
007:1395---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:Pipe47      7.25     .609 No_date    7:06  173.50  n/a
                     + 06:Pipe46     42.06    4.587 No_date    7:00  164.03  n/a
     [DT= 2.00]  SUM=  01:TRP2       49.31    5.190 No_date    7:00  165.42  n/a
007:1396---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:108         1.10     .122 No_date    7:00  164.75 .854
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper=5.00:SLPP=2.00:LGP=  60.:MNP=.100:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.00:LGI=  60.:MNI=.013:SCI=   .0]
007:1397---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:TRP2       49.31    5.190 No_date    7:00  165.42  n/a
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                +  02:108         1.10      .122 No_date    7:00  164.75  n/a
    [DT= 2.00]  SUM=  03:T108      50.41    5.312 No_date    7:00  165.41  n/a
007:1398----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:T108      50.41    5.312 No_date    7:00  165.41  n/a
 *   [RDT= 2.00] out<- 04:Pipe48    50.41    5.317 No_date    7:00  165.41  n/a
    [L/S/n=   60./ .580/.013]
    {Vmax= 3.460:Dmax= 1.225}
    [Din= 1.20:Dused= 1.49}
007:1399----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 04:Pipe48    50.41    5.317 No_date    7:00  165.41  n/a
 *   [RDT= 2.00] out<- 05:Pipe49    50.41    5.313 No_date    7:00  165.41  n/a
    [L/S/n=   59./ .630/.013]
    {Vmax= 3.570:Dmax= 1.206}
    [Din= 1.20:Dused= 1.47}
007:1400----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:ANDPET     7.70      .720 No_date    7:00  149.91 .777
    [XIMP=.50:TIMP=.50]
    [LOSS= 2 :CN= 65.0]
    [Pervious     area: IAper=5.00:SLPP=2.00:LGP= 100.:MNP=.300:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 100.:MNI=.013:SCI=   .0]
007:1401----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:ANDPET     7.70      .720 No_date    7:00  149.91  n/a
    [RDT= 2.00] out<- 07:ANDPND     7.70      .576 No_date    7:02  149.91  n/a
    {MxStoUsed=.8824E-01}
007:1402----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:ANDPND     7.70      .576 No_date    7:02  149.91  n/a
 *   [RDT= 2.00] out<- 08:Pipe50     7.70      .578 No_date    7:04  149.91  n/a
    [L/S/n=   59./ .200/.013]
    {Vmax= 1.332:Dmax=  .650}
    [Din=  .75:Dused=  .79}
007:1403----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:Pipe49     50.41    5.313 No_date    7:00  165.41  n/a
                +  08:Pipe50      7.70      .578 No_date    7:04  149.91  n/a
    [DT= 2.00]  SUM=  09:TOTAND    58.11    5.883 No_date    7:00  163.35  n/a
007:1404----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:RETRES      .90      .093 No_date    7:00  160.60 .832
    [XIMP=.63:TIMP=.63]
    [LOSS= 2 :CN= 65.0]
    [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  20.:MNP=.300:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI= .50:LGI=  65.:MNI=.013:SCI=   .0]
007:1405----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:RETRES       .90      .093 No_date    7:00  160.60  n/a
    [RDT= 2.00] out<- 02:POND3       .90      .093 No_date    7:00  160.59  n/a
    {MxStoUsed=.9117E-02}
007:1406----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            09:TOTAND     58.11    5.883 No_date    7:00  163.35  n/a
                +  02:POND3       .90      .093 No_date    7:00  160.59  n/a
    [DT= 2.00]  SUM=  05:TOT16     59.01    5.976 No_date    7:00  163.31  n/a
007:1407----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     06:WLMRT      20.72    2.211 No_date    7:00  170.27 .882
    [XIMP=.65:TIMP=.65]
    [LOSS= 2 :CN= 76.0]
    [Pervious     area: IAper=5.00:SLPP=4.20:LGP= 130.:MNP=.250:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=1.10:LGI= 371.:MNI=.013:SCI=   .0]
007:1408----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:WEXT        1.58      .157 No_date    7:00  135.94 .704
    [CN= 78.0: N= 3.00]
    {Tp=  .11:DT= 2.00]
007:1409----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            06:WLMRT      20.72    2.211 No_date    7:00  170.27  n/a
                +  07:WEXT        1.58      .157 No_date    7:00  135.94  n/a
    [DT= 2.00]  SUM=  08:TWLMRT    22.30    2.369 No_date    7:00  167.84  n/a
007:1410----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 08:TWLMRT    22.30    2.369 No_date    7:00  167.84  n/a
    [RDT= 2.00] out<- 09:WMRTPD    22.30    1.551 No_date    7:18  167.84  n/a
    {MxStoUsed=.6768E+00}
007:1411----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ROUTE PIPE      -> 09:WMRTPD    22.30    1.551 No_date    7:18  167.84  n/a
    [RDT= 2.00] out<- 01:16thST    22.30    1.550 No_date    7:18  167.84  n/a
    [L/S/n=  180./ .580/.013]
    {Vmax= 2.633:Dmax=  .676}
    [Din= 1.05:Dused= 1.05}
007:1412----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:CDNT       3.62      .428 No_date    7:00  188.04 .974
    [XIMP=.95:TIMP=.95]
    [LOSS= 2 :CN= 76.0]
    [Pervious     area: IAper=5.00:SLPP=3.00:LGP=  33.:MNP=.250:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=1.30:LGI= 273.:MNI=.013:SCI=   .0]
007:1413----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            05:TOT16      59.01    5.976 No_date    7:00  163.31  n/a
                +  01:16thST    22.30    1.550 No_date    7:18  167.84  n/a
    [DT= 2.00]  SUM=  04:TN1       81.31    7.413 No_date    7:02  164.55  n/a
007:1414----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:CDNT       3.62      .428 No_date    7:00  188.04  n/a
                +  04:TN1       81.31    7.413 No_date    7:02  164.55  n/a
    [DT= 2.00]  SUM=  03:TND1      84.93    7.838 No_date    7:00  165.55  n/a
007:1415----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:TND1      84.93    7.838 No_date    7:00  165.55  n/a
    [RDT= 2.00] out<- 04:ND1ND2    84.93    7.832 No_date    7:00  165.55  n/a
    [L/S/n=  150./ .730/.013]
    {Vmax= 4.082:Dmax=  .994}
    {HGTH= 1.22:WDTH= 1.93}
007:1416----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA2COM      4.44      .520 No_date    7:00  185.08 .959
    [XIMP=.90:TIMP=.90]
    [LOSS= 2 :CN= 76.0]
    [Pervious     area: IAper=5.00:SLPP=6.70:LGP=  30.:MNP=.250:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=3.40:LGI= 149.:MNI=.013:SCI=   .0]
007:1417----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA2COM      4.44      .520 No_date    7:00  185.08  n/a
 *   [RDT= 2.00] out<- 05:C2APND     4.44      .454 No_date    7:02  185.08  n/a
    {MxStoUsed=.1702E+00}
007:1418----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:C2APND     4.44      .454 No_date    7:02  185.08  n/a
    [LAG=  5.7 min]<- 06:SH2a        4.44      .454 No_date    7:06  185.08  n/a
007:1419----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     07:CA3a        5.11      .567 No_date    7:00  169.54 .878
    [XIMP=.55:TIMP=.66]
    [LOSS= 2 :CN= 76.0]
    [Pervious     area: IAper=5.00:SLPP=7.10:LGP=  28.:MNP=.250:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 248.:MNI=.013:SCI=   .0]
007:1420----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:CA3a        5.11      .567 No_date    7:00  169.54  n/a
    [LAG=  2.5 min]<- 08:SH3a        5.11      .567 No_date    7:02  169.54  n/a
007:1421----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     09:CA3b        2.82      .323 No_date    7:00  179.75 .931
    [XIMP=.81:TIMP=.81]
    [LOSS= 2 :CN= 76.0]
    [Pervious     area: IAper=5.00:SLPP=5.00:LGP=  40.:MNP=.250:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=  .80:LGI= 118.:MNI=.013:SCI=   .0]
007:1422----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:ANDCOM      1.10      .130 No_date    7:00  188.04 .974
    [XIMP=.95:TIMP=.95]
    [LOSS= 2 :CN= 76.0]
    [Pervious     area: IAper=5.00:SLPP=1.00:LGP=  10.:MNP=.250:SCP=   .0]
    [Impervious   area: IAimp=2.00:SLPI=2.00:LGI= 115.:MNI=.013:SCI=   .0]
007:1423----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:ANDCOM      1.10      .130 No_date    7:00  188.04  n/a
    [RDT= 2.00] out<- 02:ACPND      1.10      .130 No_date    7:00  188.04  n/a
    {MxStoUsed=.7795E-02}
007:1424----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:ND1ND2     84.93    7.832 No_date    7:00  165.55  n/a
                +  06:SH2a        4.44      .454 No_date    7:06  185.08  n/a
    [DT= 2.00]  SUM=  03:T2a       89.37    8.274 No_date    7:02  166.52  n/a
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007:1425----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T2a       89.37    8.274 No_date    7:02  166.52  n/a
                      + 08:SH3a       5.11     .567 No_date    7:02  169.54  n/a
     [DT= 2.00]  SUM=  04:T2b       94.48    8.842 No_date    7:02  166.69  n/a
007:1426----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:T2b       94.48    8.842 No_date    7:02  166.69  n/a
                      + 02:ACPND      1.10     .130 No_date    7:00  188.04  n/a
     [DT= 2.00]  SUM=  05:T2c       95.58    8.970 No_date    7:02  166.93  n/a
007:1427----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:T2c       95.58    8.970 No_date    7:02  166.93  n/a
                      + 09:CA3b       2.82     .323 No_date    7:00  179.75  n/a
     [DT= 2.00]  SUM=  03:TND2      98.40    9.293 No_date    7:00  167.30  n/a
007:1428----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD     03:TND2      98.40    9.293 No_date    7:00  167.30  n/a
       Major System /   04:CHAN      29.49    6.273 No_date    7:00  167.30  n/a
       Minor System \   05:PIPE      68.91    3.020 No_date    5:46  167.30  n/a
007:1429----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE       -> 05:PIPE      68.91    3.020 No_date    5:46  167.30  n/a
     [RDT= 2.00] out<- 06:N3N4P     68.91    3.020 No_date    6:30  167.30  n/a
     [L/S/n=  640./ .600/.013]
     [Vmax= 3.043:Dmax=  .985]
     [Din= 1.20:Dused= 1.20]
007:1430----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 04:CHAN      29.49    6.273 No_date    7:00  167.30  n/a
 *   [RDT= 2.00] out<- 07:N2N3C     29.49    6.247 No_date    7:02  167.30  n/a
     [L/S/n=  240./ .650/.035]
     [Vmax= 1.582:Dmax=  .751]
007:1431----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      04:CA1COM     5.30     .620 No_date    7:00  185.08 .959
     [XIMP=.90:TIMP=.90]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=4.10:LGI= 146.:MNI=.013:SCI=   .0]
007:1432----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:CA1IND    10.99    1.244 No_date    7:00  176.19 .913
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.10:LGI= 234.:MNI=.013:SCI=   .0]
007:1433----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:CA1COM     5.30     .620 No_date    7:00  185.08  n/a
                      + 05:CA1IND    10.99    1.244 No_date    7:00  176.19  n/a
     [DT= 2.00]  SUM=  09:TOT1      16.29    1.864 No_date    7:00  179.08  n/a
007:1434----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 09:TOT1      16.29    1.864 No_date    7:00  179.08  n/a
 *   [RDT= 2.00] out<- 08:C1PND     16.29     .847 No_date    9:04  179.08  n/a
    [MxStoUsed=.1320E+01]
007:1435----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 08:C1PND     16.29     .847 No_date    9:04  179.08  n/a
     [LAG= 34.4 min]<- 09:SH1       16.29     .847 No_date    9:38  179.08  n/a
007:1436----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:N2N3C     29.49    6.247 No_date    7:02  167.30  n/a
                      + 09:SH1       16.29     .847 No_date    9:38  179.08  n/a
     [DT= 2.00]  SUM=  02:T3a       45.78    6.743 No_date    7:02  171.49  n/a
007:1437----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:CA2IND     5.15     .583 No_date    7:00  176.19 .913
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=3.30:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=2.20:LGI= 227.:MNI=.013:SCI=   .0]
007:1438----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA2IND     5.15     .583 No_date    7:00  176.19  n/a
 *   [RDT= 2.00] out<- 08:C2BPND     5.15     .575 No_date    7:00  176.19  n/a
    [MxStoUsed=.2059E+00]
007:1439----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 08:C2BPND    5.15     .575 No_date    7:00  176.19  n/a
     [LAG= 37.7 min]<- 03:SH2b      5.15     .575 No_date    7:36  176.19  n/a
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007:1440----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      04:CA4       14.53    1.412 No_date    7:02  155.58 .806
     [XIMP=.25:TIMP=.44]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=2.10:LGP=  73.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .30:LGI= 466.:MNI=.013:SCI=   .0]
007:1441----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:T3a       45.78    6.743 No_date    7:02  171.49  n/a
                      + 03:SH2b       5.15     .575 No_date    7:36  176.19  n/a
     [DT= 2.00]  SUM=  01:T3a       50.93    7.041 No_date    7:02  171.97  n/a
007:1442----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:T3a       50.93    7.041 No_date    7:02  171.97  n/a
                      + 04:CA4       14.53    1.412 No_date    7:02  155.58  n/a
     [DT= 2.00]  SUM=  03:T3b       65.46    8.453 No_date    7:02  168.33  n/a
007:1443----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:MALL      13.24    1.504 No_date    7:00  183.34 .950
     [XIMP=.63:TIMP=.89]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.30:LGP= 120.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .20:LGI= 293.:MNI=.013:SCI=   .0]
007:1444----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD     01:MALL      13.24    1.504 No_date    7:00  183.34  n/a
       Major System /   02:CHAN       1.40     .717 No_date    7:00  183.34  n/a
       Minor System \   04:PIPE      11.84     .787 No_date    6:08  183.34  n/a
007:1445----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T3b       65.46    8.453 No_date    7:02  168.33  n/a
                      + 02:CHAN       1.40     .717 No_date    7:00  183.34  n/a
     [DT= 2.00]  SUM=  05:TND3      66.86    9.163 No_date    7:02  168.64  n/a
007:1446----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL    -> 05:TND3      66.86    9.163 No_date    7:02  168.64  n/a
     [RDT= 2.00] out<- 07:ND3ND4    66.86    9.091 No_date    7:04  168.64  n/a
     [L/S/n=  390./ .650/.035]
     [Vmax= 1.755:Dmax=  .908]
007:1447----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      08:CA5       15.85    1.477 No_date    7:00  148.58 .770
     [XIMP=.32:TIMP=.47]
     [LOSS= 2 :CN= 69.0]
     [Pervious     area: IAper=5.00:SLPP=1.50:LGP= 103.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.40:LGI= 289.:MNI=.013:SCI=   .0]
007:1448----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 08:CA5       15.85    1.477 No_date    7:00  148.58  n/a
     [LAG=  5.9 min]<- 09:SH5       15.85    1.477 No_date    7:04  148.58  n/a
007:1449----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:CA6       32.10    2.750 No_date    7:04  153.08 .793
     [XIMP=.20:TIMP=.40]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP= .70:LGP= 135.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .70:LGI= 539.:MNI=.013:SCI=   .0]
007:1450----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:CA6       32.10    2.750 No_date    7:04  153.08  n/a
                      + 09:SH5       15.85    1.477 No_date    7:04  148.58  n/a
     [DT= 2.00]  SUM=  02:T56ND3     47.95    4.227 No_date    7:04  151.59  n/a
007:1451----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:CA7        2.90     .236 No_date    7:00  135.10 .700
     [XIMP=.33:TIMP=.38]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper=6.50:SLPP= .60:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI= .40:LGI= 130.:MNI=.013:SCI=   .0]
007:1452----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD        -> 03:CA7        2.90     .236 No_date    7:00  135.10  n/a
     [LAG=  6.6 min]<- 01:SH7        2.90     .236 No_date    7:06  135.10  n/a
007:1453----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:CA8        8.01     .926 No_date    7:00  180.47 .935
     [XIMP=.73:TIMP=.84]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  60.:MNP=.250:SCP=   .0]
     [Impervious   area: IAimp=2.00:SLPI=1.10:LGI=  95.:MNI=.013:SCI=   .0]
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007:1454----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 05:CA8         8.01      .926 No_date    7:00  180.47  n/a
     [LAG= 21.3 min]<- 08:SH8         8.01      .926 No_date    7:20  180.47  n/a
007:1455----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      09:CA11        4.18      .412 No_date    7:00  151.99 .788
     {XIMP=.28:TIMP=.36}
     {LOSS= 2 :CN= 76.0}
     [Pervious      area: IAper=5.00:SLPP=3.00:LGP=  82.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .70:LGI= 270.:MNI=.013:SCI=   .0]
007:1456----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:SH7         2.90      .236 No_date    7:06  135.10  n/a
                      + 08:SH8         8.01      .926 No_date    7:20  180.47  n/a
     [DT= 2.00]  SUM=  05:T7811a      10.91     1.152 No_date    7:06  168.41  n/a
007:1457----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:T7811a     10.91     1.152 No_date    7:06  168.41  n/a
                      + 09:CA11        4.18      .412 No_date    7:00  151.99  n/a
     [DT= 2.00]  SUM=  03:T7811b      15.09     1.554 No_date    7:02  163.86  n/a
007:1458----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T7811b     15.09     1.554 No_date    7:02  163.86  n/a
                      + 02:T56ND3     47.95     4.227 No_date    7:04  151.59  n/a
     [DT= 2.00]  SUM=  05:T7811       63.04     5.779 No_date    7:04  154.53  n/a
007:1459----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:ND3ND4     66.86     9.091 No_date    7:04  168.64  n/a
                      + 05:T7811       63.04     5.779 No_date    7:04  154.53  n/a
     [DT= 2.00]  SUM=  02:T56781     129.90    14.870 No_date    7:04  161.79  n/a
007:1460----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:CA3c        1.14      .121 No_date    7:00  160.68 .833
     {XIMP=.45:TIMP=.50}
     {LOSS= 2 :CN= 76.0}
     [Pervious      area: IAper=5.00:SLPP=2.00:LGP=  50.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=2.50:LGI=  80.:MNI=.013:SCI=   .0]
007:1461----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 03:CA3c        1.14      .121 No_date    7:00  160.68  n/a
     [RDT= 2.00] out<- 05:3cPIPE      1.14      .121 No_date    7:00  160.68  n/a
     [L/S/n=  240./ .200/.013]
     {Vmax=  .941:Dmax=  .279}
     [Din=  .60:Dused=  .60]
007:1462----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:CA4a        1.86      .214 No_date    7:00  178.52 .925
     {XIMP=.75:TIMP=.80}
     {LOSS= 2 :CN= 76.0}
     [Pervious      area: IAper=5.00:SLPP=2.10:LGP=  24.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .70:LGI=  69.:MNI=.013:SCI=   .0]
007:1463----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:PIPE       11.84      .787 No_date    6:08  183.34  n/a
                      + 03:CA4a        1.86      .214 No_date    7:00  178.52  n/a
     [DT= 2.00]  SUM=  08:TMLL4a      13.70     1.001 No_date    7:00  182.69  n/a
007:1464----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:TMLL4a     13.70     1.001 No_date    7:00  182.69  n/a
                      + 05:3cPIPE      1.14      .121 No_date    7:00  160.68  n/a
     [DT= 2.00]  SUM=  07:TMLL3c      14.84     1.122 No_date    7:00  181.01  n/a
007:1465----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE PIPE      -> 07:TMLL3c      14.84     1.122 No_date    7:00  181.01  n/a
     [RDT= 2.00] out<- 09:ML3CN4      14.84     1.121 No_date    7:00  181.01  n/a
     [L/S/n=  405./ .600/.013]
     {Vmax= 2.114:Dmax=  .273}
     [HGTH= 1.22:WDTH= 1.93]
007:1466----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:CA6IND      3.04      .344 No_date    7:00  176.19 .913
     {XIMP=.75:TIMP=.75}
     {LOSS= 2 :CN= 76.0}
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .60:LGI=  87.:MNI=.013:SCI=   .0]
007:1467----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 07:CA6IND      3.04      .344 No_date    7:00  176.19  n/a
 *   [RDT= 2.00] out<- 08:C6APND      3.04      .323 No_date    7:02  176.19  n/a
     {MxStoUsed=.1056E+00}
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007:1468----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:C6APND      3.04      .323 No_date    7:02  176.19  n/a
                      + 09:ML3CN4      14.84     1.121 No_date    7:00  181.01  n/a
     [DT= 2.00]  SUM=  01:ML436a      17.88     1.442 No_date    7:00  180.19  n/a
007:1469----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:T56781    129.90    14.870 No_date    7:04  161.79  n/a
                      + 01:ML436a      17.88     1.442 No_date    7:00  180.19  n/a
     [DT= 2.00]  SUM=  03:ML436b     147.78    16.279 No_date    7:04  164.02  n/a
007:1470----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             06:N3N4P       68.91     3.020 No_date    6:30  167.30  n/a
                      + 03:ML436b     147.78    16.279 No_date    7:04  164.02  n/a
     [DT= 2.00]  SUM=  04:TND4       216.69    19.299 No_date    7:04  165.06  n/a
007:1471----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 04:TND4       216.69    19.299 No_date    7:04  165.06  n/a
     [RDT= 2.00] out<- 02:ND4ND5     216.69    19.147 No_date    7:06  165.06  n/a
     {L/S/n=  697./ .650/.035}
     {Vmax= 2.744:Dmax= 2.244}
007:1472----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      03:MLLRE       1.26      .143 No_date    7:00  174.14 .902
     {XIMP=.60:TIMP=.74}
     {LOSS= 2 :CN= 76.0}
     [Pervious      area: IAper=5.00:SLPP=1.90:LGP=  26.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .70:LGI=  73.:MNI=.013:SCI=   .0]
007:1473----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 03:MLLRE       1.26      .143 No_date    7:00  174.14  n/a
     [RDT= 2.00] out<- 04:MLLRCE      1.26      .106 No_date    7:06  174.14  n/a
     {MxStoUsed=.2143E-01}
007:1474----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 04:MLLRCE      1.26      .106 No_date    7:06  174.14  n/a
     [LAG= 18.8 min]<- 05:SHMLRE      1.26      .106 No_date    7:24  174.14  n/a
007:1475----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:MLLRW       1.73      .203 No_date    7:00  184.36 .955
     {XIMP=.82:TIMP=.90}
     {LOSS= 2 :CN= 76.0}
     [Pervious      area: IAper=5.00:SLPP=1.35:LGP=  37.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .42:LGI= 120.:MNI=.013:SCI=   .0]
007:1476----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:MLLRW       1.73      .203 No_date    7:00  184.36  n/a
     [RDT= 2.00] out<- 07:MLLRCW      1.73      .185 No_date    7:04  184.36  n/a
     {MxStoUsed=.2358E-01}
007:1477----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 07:MLLRCW      1.73      .185 No_date    7:04  184.36  n/a
     [LAG= 13.4 min]<- 08:SHMLRW      1.73      .185 No_date    7:16  184.36  n/a
007:1478----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      09:CA9         7.85      .774 No_date    7:00  155.85 .808
     {XIMP=.42:TIMP=.43}
     {LOSS= 2 :CN= 75.0}
     [Pervious      area: IAper=5.00:SLPP=1.60:LGP=  96.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=1.70:LGI= 207.:MNI=.013:SCI=   .0]
007:1479----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:TOTMLR      1.73      .185 No_date    7:16  184.36  n/a
                      + 05:SHMLRE      1.26      .106 No_date    7:24  174.14  n/a
     [DT= 2.00]  SUM=  08:TOTMLR      2.99      .288 No_date    7:18  180.05  n/a
007:1480----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:CA9         7.85      .774 No_date    7:00  155.85  n/a
                      + 08:TOTMLR      2.99      .288 No_date    7:18  180.05  n/a
     [DT= 2.00]  SUM=  03:T9MLR      10.84     1.041 No_date    7:00  162.53  n/a
007:1481----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 03:T9MLR      10.84     1.041 No_date    7:00  162.53  n/a
     [LAG= 19.3 min]<- 04:CA9        10.84     1.041 No_date    7:18  162.53  n/a
007:1482----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:CA10IN     17.87     2.005 No_date    7:00  176.19 .913
     {XIMP=.75:TIMP=.75}
     {LOSS= 2 :CN= 76.0}
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=1.20:LGI= 427.:MNI=.013:SCI=   .0]
007:1483----------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ROUTE RESERVOIR -> 01:CA10IN     17.87     2.005 No_date    7:00  176.19  n/a
 *   [RDT= 2.00] out<- 05:10PND      17.87     1.795 No_date    7:06  176.19  n/a
    (MxStoUsed=.5378E+00)
007:1484--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:CA13       7.15      .686 No_date    7:00  158.97 .824
     [XIMP=.44:TIMP=.54]
     [LOSS= 2 :CN= 74.0]
     [Pervious      area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI= .60:LGI=  80.:MNI=.013:SCI=   .0]
007:1485--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      07:CA14       7.52      .651 No_date    7:00  147.43 .764
     [XIMP=.32:TIMP=.35]
     [LOSS= 2 :CN= 74.0]
     [Pervious      area: IAper=8.00:SLPP=1.10:LGP= 175.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=1.80:LGI= 111.:MNI=.013:SCI=   .0]
007:1486--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             05:10PND     17.87     1.795 No_date    7:06  176.19  n/a
                      + 06:CA13       7.15      .686 No_date    7:00  158.97  n/a
     [DT= 2.00]  SUM=  08:T1013      25.02     2.446 No_date    7:00  171.27  n/a
007:1487--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:T1013     25.02     2.446 No_date    7:00  171.27  n/a
                      + 04:CA9       10.84     1.041 No_date    7:18  162.53  n/a
     [DT= 2.00]  SUM=  03:T14       35.86     3.399 No_date    7:00  168.63  n/a
007:1488--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T14       35.86     3.399 No_date    7:00  168.63  n/a
                      + 07:CA14       7.52      .651 No_date    7:00  147.43  n/a
     [DT= 2.00]  SUM=  04:T91013     43.38     4.051 No_date    7:00  164.95  n/a
007:1489--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:ND4ND5   216.69    19.147 No_date    7:06  165.06  n/a
                      + 04:T91013     43.38     4.051 No_date    7:00  164.95  n/a
     [DT= 2.00]  SUM=  07:TND5      260.07    23.027 No_date    7:06  165.04  n/a
007:1490--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 07:TND5      260.07    23.027 No_date    7:06  165.04  n/a
     [RDT= 2.00] out<- 08:ND5ND6    260.07    22.964 No_date    7:08  165.04  n/a
     [L/S/n=  578./1.640/.035]
     {Vmax= 2.484:Dmax= 2.059}
007:1491--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        09:15WHZ      1.38      .124 No_date    7:02  124.80 .647
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
007:1492--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:15WRE     12.42     1.356 No_date    7:00  161.77 .838
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=1.80:LGI= 221.:MNI=.013:SCI=   .0]
007:1493--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:15WRE     12.42     1.356 No_date    7:00  161.77  n/a
 *   [RDT= 2.00] out<- 02:15WPND    12.42     1.348 No_date    7:00  161.77  n/a
    (MxStoUsed=.4002E+00)
007:1494--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:15WPND    12.42     1.348 No_date    7:00  161.77  n/a
                      + 09:15WHZ      1.38      .124 No_date    7:02  124.80  n/a
     [DT= 2.00]  SUM=  03:T15W      13.80     1.472 No_date    7:00  158.07  n/a
007:1495--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        04:15EHZ      3.15      .284 No_date    7:02  124.80 .647
     [CN= 74.0: N= 3.00]
     [Tp=  .25:DT= 2.00]
007:1496--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:15EIND     4.89      .549 No_date    7:00  176.19 .913
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=2.00:LGI= 500.:MNI=.013:SCI=   .0]
007:1497--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 05:15EIND     4.89      .549 No_date    7:00  176.19  n/a
 *   [RDT= 2.00] out<- 06:15EPND     4.89      .549 No_date    7:00  176.19  n/a
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    (MxStoUsed=.1783E+00)
007:1498--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             04:15EHZ      3.15      .284 No_date    7:02  124.80  n/a
                      + 06:15EPND     4.89      .549 No_date    7:00  176.19  n/a
     [DT= 2.00]  SUM=  07:T15E       8.04      .832 No_date    7:00  156.06  n/a
007:1499--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:T15E       8.04      .832 No_date    7:00  156.06  n/a
                      + 03:T15W      13.80     1.472 No_date    7:00  158.07  n/a
     [DT= 2.00]  SUM=  09:T15EW     21.84     2.304 No_date    7:00  157.33  n/a
007:1500--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:UNGAS      .99      .098 No_date    7:00  141.46 .733
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 74.0]
     [Pervious      area: IAper=5.00:SLPP=3.30:LGP=  15.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=1.20:LGI=  90.:MNI=.013:SCI=   .0]
007:1501--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:UNGAS      .99      .098 No_date    7:00  141.46  n/a
     [RDT= 2.00] out<- 02:UNGPND     .99      .050 No_date    9:04  141.45  n/a
    (MxStoUsed=.3454E-01)
007:1502--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    SHIFT HYD       -> 02:UNGPND     .99      .050 No_date    9:04  141.45  n/a
     [LAG= 16.3 min]<- 03:SHUNGS     .99      .050 No_date    9:20  141.45  n/a
007:1503--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             09:T15EW     21.84     2.304 No_date    7:00  157.33  n/a
                      + 03:SHUNGS      .99      .050 No_date    9:20  141.45  n/a
     [DT= 2.00]  SUM=  04:T15       22.83     2.342 No_date    7:00  156.64  n/a
007:1504--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:CA16I      26.59     2.970 No_date    7:00  176.19 .913
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=1.10:LGI= 551.:MNI=.013:SCI=   .0]
007:1505--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 06:CA16I      26.59     2.970 No_date    7:00  176.19  n/a
 *   [RDT= 2.00] out<- 07:15BPND     26.59     3.411 No_date    6:44  176.19  n/a
    (MxStoUsed=.1433E+01)
007:1506--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:15BPND    26.59     3.411 No_date    6:44  176.19  n/a
                      + 04:T15       22.83     2.342 No_date    7:00  156.64  n/a
     [DT= 2.00]  SUM=  09:T1516      49.42     5.650 No_date    6:44  167.16  n/a
007:1507--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:ND5ND6   260.07    22.964 No_date    7:08  165.04  n/a
                      + 09:T1516      49.42     5.650 No_date    6:44  167.16  n/a
     [DT= 2.00]  SUM=  03:TND6      309.49    28.050 No_date    7:04  165.38  n/a
007:1508--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 03:TND6      309.49    28.050 No_date    7:04  165.38  n/a
     [RDT= 2.00] out<- 02:ND6ND8    309.49    27.975 No_date    7:06  165.38  n/a
     [L/S/n=  503./1.290/.035]
     {Vmax= 3.283:Dmax= 1.876}
007:1509--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      05:CA17RW     6.93      .757 No_date    7:00  161.77 .838
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     [Pervious      area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     [Impervious    area: IAimp=2.00:SLPI=3.80:LGI= 263.:MNI=.013:SCI=   .0]
007:1510--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 05:CA17RW     6.93      .757 No_date    7:00  161.77  n/a
     [RDT= 2.00] out<- 03:17WPND     6.93      .722 No_date    7:02  161.77  n/a
    (MxStoUsed=.1055E+00)
007:1511--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        05:17WOS      2.11      .210 No_date    7:00  135.53 .702
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
007:1512--------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:17WPND     6.93      .722 No_date    7:02  161.77  n/a
                      + 05:17WOS      2.11      .210 No_date    7:00  135.53  n/a
     [DT= 2.00]  SUM=  04:T17W       9.04      .930 No_date    7:02  155.64  n/a
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007:1513---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      06:CA17RE     3.51      .383 No_date    7:00  161.77 .838
     [XIMP=.30:TIMP=.55]
     [LOSS= 2 :CN= 76.0]
     (Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0)
     (Impervious   area: IAimp=2.00:SLPI=2.40:LGI= 246.:MNI=.013:SCI=   .0)
007:1514---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        08:CA17OS     6.57      .653 No_date    7:00  135.53 .702
     [CN= 79.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
007:1515---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             08:CA17OS     6.57      .653 No_date    7:00  135.53  n/a
                    +   06:CA17RE     3.51      .383 No_date    7:00  161.77  n/a
     [DT= 2.00]  SUM=   09:T17E      10.08     1.036 No_date    7:00  144.67  n/a
007:1516---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 09:T17E      10.08     1.036 No_date    7:00  144.67  n/a
     [RDT= 2.00] out<- 01:17EPND    10.08     1.024 No_date    7:02  144.67  n/a
    {MxStoUsed=.5628E-01}
007:1517---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:17EPND    10.08     1.024 No_date    7:02  144.67  n/a
                    +   04:T17W       9.04      .930 No_date    7:02  155.64  n/a
     [DT= 2.00]  SUM=   09:T17RES    19.12     1.954 No_date    7:02  149.86  n/a
007:1518---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:ND6ND8   309.49   27.975 No_date    7:06  165.38  n/a
                    +   09:T17RES    19.12     1.954 No_date    7:02  149.86  n/a
     [DT= 2.00]  SUM=   05:TND8     328.61   29.881 No_date    7:06  164.48  n/a
007:1519---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:TND8     328.61   29.881 No_date    7:06  164.48  n/a
     [RDT= 2.00] out<- 06:ND8ND9   328.61   29.825 No_date    7:06  164.48  n/a
     ]L/S/n=  405./1.480/.045]
     (Vmax= 2.692:Dmax= 1.531)
007:1520---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        07:CA18      12.02     1.074 No_date    7:06  133.26 .690
     [CN= 78.0: N= 3.00]
     [Tp=  .41:DT= 2.00]
007:1521---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             07:CA18      12.02     1.074 No_date    7:06  133.26  n/a
                    +   06:ND8ND9   328.61   29.825 No_date    7:06  164.48  n/a
     [DT= 2.00]  SUM=   08:TND9     340.63   30.899 No_date    7:06  163.38  n/a
007:1522---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 08:TND9     340.63   30.899 No_date    7:06  163.38  n/a
     [RDT= 2.00] out<- 09:ND9ND1   340.63   30.835 No_date    7:08  163.38  n/a
     [L/S/n=  505./1.900/.045]
     (Vmax= 2.857:Dmax= 1.186)
007:1523---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:CA18       1.18      .109 No_date    7:00  124.80 .647
     [CN= 74.0: N= 3.00]
     [Tp=  .17:DT= 2.00]
007:1524---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:CA19IN     7.54      .849 No_date    7:00  176.19 .913
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 76.0]
     [Pervious     area: IAper=5.00:SLPP=1.70:LGP=  30.:MNP=.250:SCP=   .0]
     (Impervious   area: IAimp=2.00:SLPI=  .50:LGI= 194.:MNI=.013:SCI=   .0)
007:1525---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:CA18       1.18      .109 No_date    7:00  124.80  n/a
                    +   02:CA19IN     7.54      .849 No_date    7:00  176.19  n/a
     [DT= 2.00]  SUM=   03:T1819      8.72      .958 No_date    7:00  169.24  n/a
007:1526---------------ID:NHYD-------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             03:T1819      8.72      .958 No_date    7:00  169.24  n/a
                    +   09:ND9ND1   340.63   30.835 No_date    7:08  163.38  n/a
     [DT= 2.00]  SUM=   04:TND10    349.35   31.567 No_date    7:08  163.52  n/a
007:1533---------------------------------------------------------------------------
     FINISH
-------------------------------------------------------------------------------
*******************************************************************************
     WARNINGS / ERRORS / NOTES
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    -------------------------
0005 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0007 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0008 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0011 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0014 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0016 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0017 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0020 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0023 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0026 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0029 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0030 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0032 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0033 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0034 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0036 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0037 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0038 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0042 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0044 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0045 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0047 ROUTE PIPE      ->
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     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0050 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0052 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0053 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0056 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0057 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0058 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0060 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0061 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0063 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0064 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0065 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0072 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0075 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0078 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0080 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0083 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0087 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0088 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0091 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0119 ROUTE CHANNEL   ->
     *** WARNING: Inflow hydrograph is dry!  Routing aborted!
0221 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0223 CALIB STANDHYD
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     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0224 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0226 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0227 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0229 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0230 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0232 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0233 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0236 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0238 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0239 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0241 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0242 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0245 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0246 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0248 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0249 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0250 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0252 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0253 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0254 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0258 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
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0260 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0261 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0263 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0266 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0268 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0269 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0272 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0273 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0274 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0276 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0277 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0279 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0280 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0281 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0288 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0291 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0294 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0296 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0299 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0303 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0304 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0307 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
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                  Routing DT set to inflow hydrograph DT.
0310 ROUTE RESERVOIR
     *** WARNING: Inflow peak was not reduced!
                  Check OUTFLOW/STORAGE table or reduce DT.
0438 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0440 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0441 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0443 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0444 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0446 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0447 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0449 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0450 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0453 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0455 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0456 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0458 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0459 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0462 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0463 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0465 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0466 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0467 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0469 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0470 CALIB STANDHYD
```

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     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0471 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0475 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0477 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0478 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0480 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0483 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0485 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0486 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0489 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0490 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0491 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0493 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0494 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0496 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0497 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0498 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0504 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0505 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0506 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0508 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0509 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
```



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0511 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0513 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0514 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0516 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0518 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0520 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0521 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0524 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0527 ROUTE RESERVOIR
     *** WARNING: Inflow peak was not reduced!
                  Check OUTFLOW/STORAGE table or reduce DT.
0656 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0658 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0659 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0661 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0662 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0664 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0665 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0667 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0668 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0670 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0671 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0673 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0674 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
```

```
                Routing DT set to inflow hydrograph DT.
0676 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0677 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0680 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0681 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0683 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0684 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0685 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0687 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0688 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0689 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0693 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0695 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0696 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0698 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0701 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0703 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0704 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0707 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0708 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0709 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0711 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
```



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0712 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0714 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0715 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0716 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0718 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0722 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0723 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0724 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0726 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0727 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0729 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0731 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0732 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0734 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0736 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0738 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0739 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0742 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0875 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0877 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0878 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0880 CALIB STANDHYD
```

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     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0881 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0883 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0884 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0886 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0887 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0889 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0890 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0892 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0893 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0895 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0896 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0899 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0900 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0902 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0903 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0904 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0906 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0907 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0908 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0912 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0914 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0915 ROUTE PIPE      ->
```



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     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0917 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0920 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0922 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0923 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0926 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0927 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0928 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
0930 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0931 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0933 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0934 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0935 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0937 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0941 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0942 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0943 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0945 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0946 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0948 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0950 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0951 CALIB STANDHYD
```

```
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0953 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0955 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
0957 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0958 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
0961 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1019 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1095 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1097 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
1098 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1100 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1101 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1103 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1104 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1106 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1107 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1109 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1110 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1112 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1113 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1115 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1116 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
```



```
                  Routing DT set to inflow hydrograph DT.
1119 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1120 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1122 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1123 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1124 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1126 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1127 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1128 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1132 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1134 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1135 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1137 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1140 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1142 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1143 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1146 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1147 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1148 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
1150 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
```

```
                Routing DT set to inflow hydrograph DT.
1151 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1153 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1154 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1155 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1157 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1161 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1162 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1163 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1165 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1166 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1168 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1170 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1171 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1173 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1175 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1177 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1178 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1181 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1239 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1295 ROUTE RESERVOIR
     *** WARNING: STORAGE-Q values were extrapolated.
                  Increase curve or use overflow option.
1316 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
```



```
                Routing DT set to inflow hydrograph DT.
1318 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
1319 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1322 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1324 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1325 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1327 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1328 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1331 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1333 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1334 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1336 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1337 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1340 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1341 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1343 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1344 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1345 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1347 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1348 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
1349 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1353 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
1355 ROUTE PIPE      ->
```

```
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1356 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1358 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1361 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1363 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1364 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1367 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1368 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1369 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
     *** WARNING: For areas with impervious ratios below
                  20%, this routine may not be applicable.
 1371 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1372 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1374 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1375 CALIB STANDHYD
     *** WARNING: Storage Coefficient is smaller than DT!
                  Use a smaller DT or a larger area.
 1376 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1383 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1386 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1389 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1391 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1394 ROUTE PIPE      ->
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1398 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1399 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
```



```
                  Routing DT set to inflow hydrograph DT.
 1402 ROUTE PIPE      ->
     *** WARNING: New pipe size used for routing.
     *** WARNING: Requested routing DT > than inflow DT.
                  Routing DT set to inflow hydrograph DT.
 1417 ROUTE RESERVOIR
     *** WARNING: STORAGE-Q values were extrapolated.
                  Increase curve or use overflow option.
 1434 ROUTE RESERVOIR
     *** WARNING: STORAGE-Q values were extrapolated.
                  Increase curve or use overflow option.
 1438 ROUTE RESERVOIR
     *** WARNING: STORAGE-Q values were extrapolated.
                  Increase curve or use overflow option.
 1467 ROUTE RESERVOIR
     *** WARNING: STORAGE-Q values were extrapolated.
                  Increase curve or use overflow option.
 1483 ROUTE RESERVOIR
     *** WARNING: STORAGE-Q values were extrapolated.
                  Increase curve or use overflow option.
 1493 ROUTE RESERVOIR
     *** WARNING: STORAGE-Q values were extrapolated.
                  Increase curve or use overflow option.
 1497 ROUTE RESERVOIR
     *** WARNING: STORAGE-Q values were extrapolated.
                  Increase curve or use overflow option.
 1505 ROUTE RESERVOIR
     *** WARNING: STORAGE-Q values were extrapolated.
                  Increase curve or use overflow option.
     *** WARNING: Inflow peak was not reduced!
                  Check OUTFLOW/STORAGE table or reduce DT.
   Simulation ended on 2007-06-13     at 17:29:48
================================================================================
```