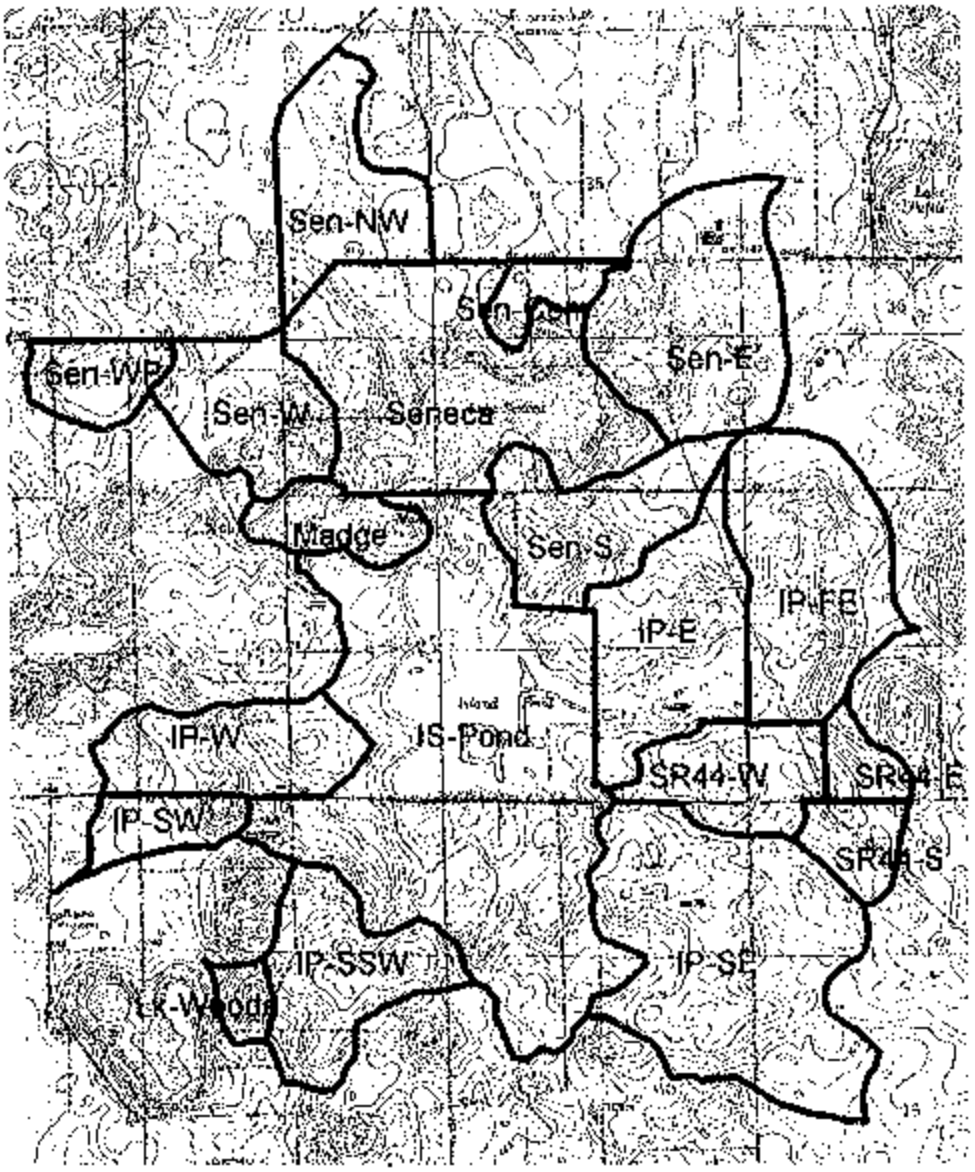
LAKE SENECA AND ISLAND POND SUBBASINS



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PAISLEY, FL
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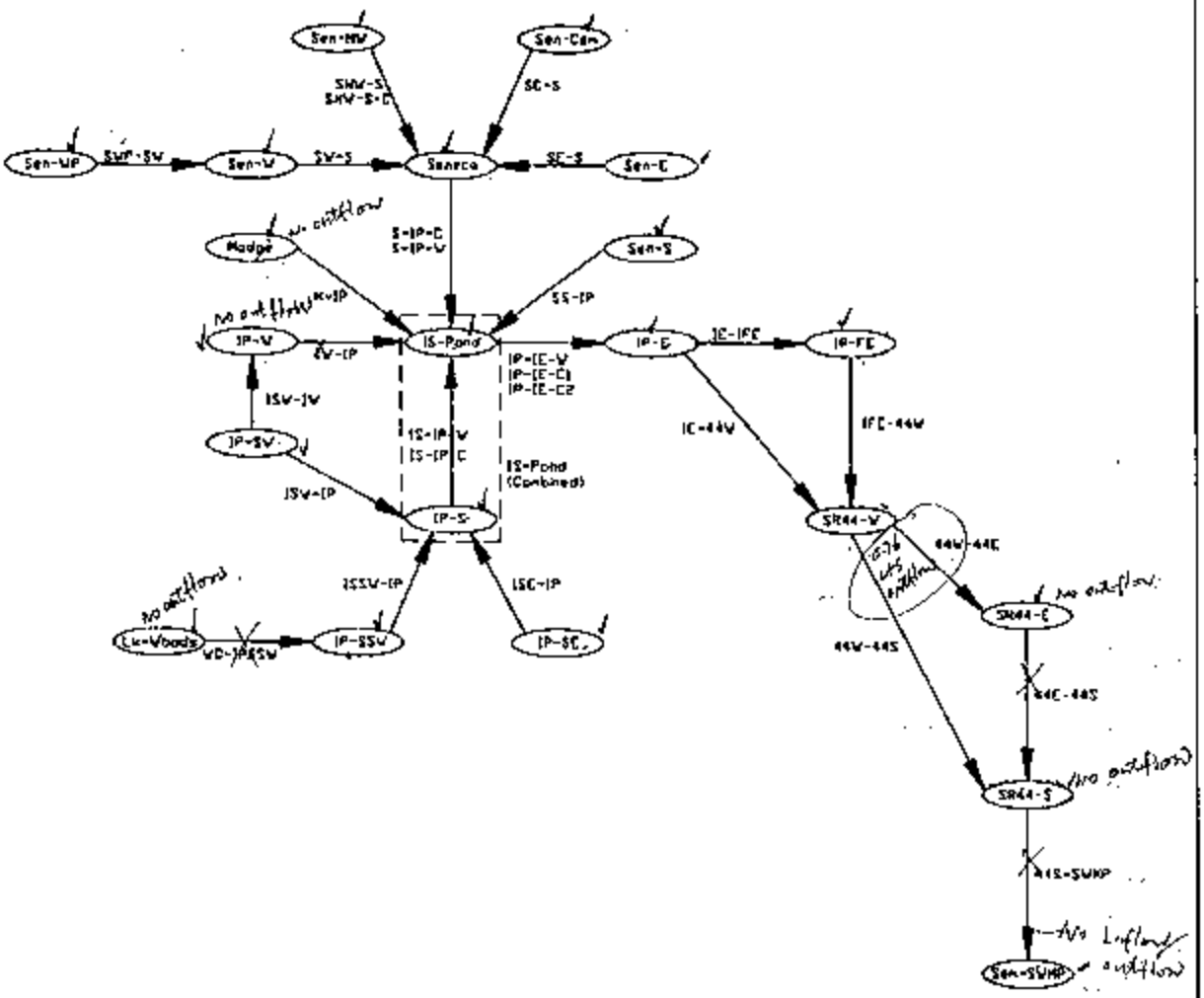
ENGINEERING
METHODS & APPLICATIONS

Seneca & Island Pond

Lake County



I was able to locate adICPR files from the 1997 countywide restudy done by Engineering Methods and Applications, Inc. Island Pond was studied in conjunction with Seneca Lake, and so the adICPR files I am sending you are a combination of the two lakes. I have enclosed some maps that may help distinguish the flood sources included in the Seneca/Island study area.

If you have any questions, or need further information, please let me know. I can be reached at Genevieve.bieniosek@mapmodteam.com or by phone at (703)960-8800 x7484.

Genevieve Bieniosek
Fema Project Library

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Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [21]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Simulation--------
C:\LAKE\SENECA\10YEAR
Execution: Both
Header: Seneca Lake & Island Pond
(All Elevations NAVD '88)
10 Year 96 Hour Storm

---------HYDRAULICS----------HYDROLOGY----------

Max Delta Z (ft):	1		
Delta Z Factor:	0.0005	Override Defaults:	Yes
Time Step Optimizer:	3	Storm Dur(hrs):	96
Drop Structure Optimizer:	0	Rain Amount(in):	9
Sim Start Time(hrs):	0	Rainfall File:	SJRWMD96
Sim End Time(hrs):	950		
Min Calc Time(sec):	0.1		
Max Calc Time(sec):	5		

To Hour:	PInc(min):	To Hour:	PInc(min):
20	20	20	10
40	10	75	5
70	5	150	10
100	10	950	6000
150	20		
450	20		
950	60		

---------GROUP SELECTIONS----------

+ BASE [08/19/97] + SENECA [08/19/97] + IS-POND [08/19/97]

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [22]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Simulation--------
C:\LAKE\SENECA\50YEAR
Execution: Both
Header: Seneca Lake & Island Pond
(All Elevations NAVD '88)
50 Year 96 Hour Storm

---------HYDRAULICS----------HYDROLOGY----------

Max Delta Z (ft): 1
Delta Z Factor: 0.0005
Time Step Optimizer: 3
Drop Structure Optimizer: 0
Sim Start Time(hrs): 0
Sim End Time(hrs): 950
Min Calc Time(sec): 0.1
Max Calc Time(sec): 5

Override Defaults: Yes
Storm Dur(hrs): 96
Rain Amount(in): 13.1
Rainfall File: SJRWHD96

To Hour:	Pinc(min):	To Hour:	Pinc(min):
20	20	20	10
40	10	75	5
70	5	150	10
100	10	950	6000
150	20		
450	20		
950	60		

---------GROUP SELECTIONS----------

+ BASE [08/19/97] + SENECA [08/19/97] + IS-POND [08/19/97]

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) (20)
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Simulation--------
C:\LAKE\SENECA\100YEAR
Execution: Both
Reader: Seneca Lake & Island Pond
(All Elevations NAVD '88)
100 Year 96 Hour Storm

---------HYDRAULICS----------HYDROLOGY----------

Max Delta Z (ft): 1
Delta Z Factor: 0.0005
Time Step Optimizer: 3
Drop Structure Optimizer: 0
Sim Start Time(hrs): 0
Sim End Time(hrs): 950
Min Calc Time(sec): 0.1
Max Calc Time(sec): 5

Override Defaults: Yes
Storm Dur(hrs): 96
Rain Amount(in): 14.9
Rainfall File: SJRWND96

To Hour:	Pinc(min):	To Hour:	Pinc(min):
20	20	20	10
40	10	75	5
70	5	150	10
100	10	950	6000
150	20		
1000	60		
1500	600		

---------GROUP SELECTIONS----------

+ BASE [08/19/97] + SENECA [08/19/97] + IS-POND [08/19/97]

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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Simulation--------
C:\LAKE\SENECA\500YEAR
Execution: None
Header: Seneca Lake & Island Pond
(All Elevations NAVD '88)
500 Year 96 Hour Storm

---------HYDRAULICS----------HYDROLOGY----------

Max Delta Z (ft): 1
Delta Z Factor: 0.0005
Time Step Optimizer: 3
Drop Structure Optimizer: 0
Sim Start Time(hrs): 0
Sim End Time(hrs): 950
Min Calc Time(sec): 0.1
Max Calc Time(sec): 5

Override Defaults: Yes
Storm Dur(hrs): 96
Rain Amount(in): 19
Rainfall File: SJRWMD96

To Hour:	PInc(min):	To Hour:	PInc(min):
20	20	20	10
40	10	75	5
70	5	150	10
100	10	950	6000
150	20		
450	20		
950	60		

---------GROUP SELECTIONS----------

+ BASE [08/19/97] + SENECA [08/19/97] + IS-POND [08/19/97]

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [1]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Node--------

Name: IP-E Base Flow(cfs): 0 Init Stage(ft): 54.9
Group: IS-POND Length(ft): 0 Warn Stage(ft): 79
Comment:

Stage(ft)	Area(ac)
54.5	1.5
64	9.2
69	53.3
74	116.5
79	174.8

--------Class: Node--------

Name: IP-ESE Base Flow(cfs): 0 Init Stage(ft): 64
Group: IS-POND Length(ft): 0 Warn Stage(ft): 79
Comment:

Stage(ft)	Area(ac)
64	0.4
69	13.4
74	43.5

--------Class: Node--------

Name: IP-FE Base Flow(cfs): 0 Init Stage(ft): 67.7
Group: IS-POND Length(ft): 0 Warn Stage(ft): 84
Comment:

Stage(ft)	Area(ac)
67.5	3
69	6.1
74	16.5
79	36.6
84	48.4

--------Class: Node--------

Name: IP-S Base Flow(cfs): 0 Init Stage(ft): 63.7
Group: IS-POND Length(ft): 0 Warn Stage(ft): 79
Comment:

Stage(ft)	Area(ac)
63.5	19
64	19.8
69	66
74	119.6
79	156

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [2]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Node--------

Name: IP-SE Base Flow(cfs): 0 Init Stage(ft): 62
Group: IS-POND Length(ft): 0 Warn Stage(ft): 74
Comment:

Stage(ft)	Area(ac)
62	2.1
64	22.2
69	88.4
74	156.9

--------Class: Node--------

Name: IP-SSW Base Flow(cfs): 0 Init Stage(ft): 79
Group: IS-POND Length(ft): 0 Warn Stage(ft): 94
Comment:

Stage(ft)	Area(ac)
79	2.2
84	9.5
89	14.2
94	24.9

--------Class: Node--------

Name: IP-SW Base Flow(cfs): 0 Init Stage(ft): 99
Group: IS-POND Length(ft): 0 Warn Stage(ft): 124
Comment:

Stage(ft)	Area(ac)
99	2.4
124	7.6

--------Class: Node--------

Name: IP-W Base Flow(cfs): 0 Init Stage(ft): 74
Group: IS-POND Length(ft): 0 Warn Stage(ft): 94
Comment:

Stage(ft)	Area(ac)
74	2.4
79	6.5
84	21.6
89	38.2
94	53.3

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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Node--------

Name: IS-POND Base Flow(cfs): 0 Init Stage(ft): 54.9
Group: IS-POND Length(ft): 0 Warn Stage(ft): 79
Comment:

Stage(ft)	Area(ac)
54.5	15.5
65	152.2
69	260
74	366.3
79	452.1

--------Class: Node--------

Name: LK-WOODS Base Flow(cfs): 0 Init Stage(ft): 109
Group: IS-POND Length(ft): 0 Warn Stage(ft): 129
Comment:

Stage(ft)	Area(ac)
109	0.7
114	1.8
119	3.4
124	6.2
129	8.4

--------Class: Node--------

Name: NADGE Base Flow(cfs): 0 Init Stage(ft): 69
Group: IS-POND Length(ft): 0 Warn Stage(ft): 94
Comment:

Stage(ft)	Area(ac)
69	0.9
74	2.8
79	7.2
84	18.7
89	25.4
94	29.2

--------Class: Node--------

Name: SR44-E Base Flow(cfs): 0 Init Stage(ft): 68.1
Group: IS-POND Length(ft): 0 Warn Stage(ft): 79
Comment:

Stage(ft)	Area(ac)
68	3
69	3.6
74	7.7
79	13.1

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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Node--------

Name: SR44-S Base Flow(cfs): 0 Init Stage(ft): 69
Group: IS-POND Length(ft): 0 Warn Stage(ft): 79
Comment:

Stage(ft)	Area(ac)
69	1.4
74	8.5
79	21.7

--------Class: Node--------

Name: SR44-W Base Flow(cfs): 0 Init Stage(ft): 65
Group: IS-POND Length(ft): 0 Warn Stage(ft): 74
Comment:

Stage(ft)	Area(ac)
64	2.4
69	22.4
74	59.5

--------Class: Cross Section--------

Name: 44E-44S Group: IS-POND
Comment: Lake Co. Surveyed XS 109 - First Section

X-Station(ft)	Y-Elevation(ft)	Manning's N
800	83.93	0.03
900	82.34	0.03
1000	80.51	0.03
1100	78.69	0.03
1200	77.01	0.03
1300	75.4	0.03
1400	73.55	0.03
1500	71.82	0.03
1600	70.72	0.03
1700	70.24	0.03
1800	70.51	0.03
1900	71.46	0.03
2000	72.89	0.03

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [5]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Cross Section--------
Name: 44S-SWMP Group: IS-POND
Comment: Lake Co. Surveyed XS 110

X-Station(ft)	Y-Elevation(ft)	Manning's N
0	81.4	0.03
100	79.8	0.03
200	77.9	0.03
300	76.4	0.03
400	76.5	0.03
500	77.1	0.03
600	74.8	0.03
700	74.4	0.03
800	77.7	0.03
900	78.9	0.03
1000	78.3	0.03
1100	80.3	0.03
1200	82.5	0.03

--------Class: Cross Section--------
Name: 44W-44E Group: IS-POND
Comment: Lake Co. Surveyed XS 108

X-Station(ft)	Y-Elevation(ft)	Manning's N
5	77.8	0.03
100	73.5	0.03
200	69.5	0.03
300	69.9	0.03
400	69.8	0.03
500	71.2	0.03
600	72.8	0.03
700	70.2	0.03
800	68.1	0.03
900	70	0.03
984	72.82	0.03
1000	73.36	0.03

--------Class: Cross Section--------
Name: 44W-44S Group: IS-POND
Comment: Lake Co. Surveyed XS 109 - Second Section

X-Station(ft)	Y-Elevation(ft)	Manning's N
2000	72.89	0.03
2100	75.49	0.03
2200	77.81	0.03
2300	79.67	0.03

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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Cross Section----------
Name: IE-44W Group: IS-POND
Comment:

X-Station(ft)	Y-Elevation(ft)	Manning's N
2300	67.7	0.04
2620	74	0.04

--------Class: Cross Section----------
Name: IE-IFE Group: IS-POND
Comment: Lake Co. Surveyed XS 106 - First Section

X-Station(ft)	Y-Elevation(ft)	Manning's N
700	76	0.03
800	70.8	0.03
900	68.8	0.03
1000	68.7	0.03
1100	67.8	0.03
1200	68	0.03
1300	67.7	0.03

--------Class: Cross Section----------
Name: IFE-44W Group: IS-POND
Comment: Lake Co. Surveyed XS 107

X-Station(ft)	Y-Elevation(ft)	Manning's N
1000	80.2	0.03
1060	71.2	0.03
1100	76.8	0.03
1200	74.8	0.03
1300	71.9	0.03
1400	71.7	0.03
1500	71.5	0.03
1600	70.55	0.03
1700	69.55	0.03
1800	69.3	0.03
1900	69.3	0.03
1980	69.8	0.03
2000	68.1	0.03

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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Cross Section--------
Name: IP-IE-W Group: IS-POND
Comment: Lake Co. Surveyed XS 104

X-Station(ft)	Y-Elevation(ft)	Manning's N
500	73.6	0.03
600	70.5	0.03
700	67.4	0.03
800	65	0.03
900	63.2	0.03
1000	62.4	0.03
1100	62.8	0.03
1200	65.4	0.03
1300	68.1	0.03
1400	72.5	0.03
1500	75.9	0.03

--------Class: Cross Section--------
Name: ISE-IP Group: IS-POND
Comment:

X-Station(ft)	Y-Elevation(ft)	Manning's N
1000	75	0.04
1050	72	0.04
1160	72	0.04
1450	73	0.04
1700	71	0.04
1800	71	0.04
1950	75	0.04

--------Class: Cross Section--------
Name: ISSW-IP Group: IS-POND
Comment:

X-Station(ft)	Y-Elevation(ft)	Manning's N
1000	95	0.04
1120	90	0.04
1220	87	0.04
1380	90	0.04
1550	95	0.04

--------Class: Cross Section--------
Name: ISW-IP Group: IS-POND
Comment:

X-Station(ft)	Y-Elevation(ft)	Manning's N
1650	115	0.04
1700	115	0.04
1800	120	0.04

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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Cross Section----------
Name: ISW-IW Group: IS-POND
Comment:

X-Station(ft)	Y-Elevation(ft)	Manning's N
1000	120	0.04
1200	115	0.04
1650	115	0.04

--------Class: Cross Section----------
Name: IW-IP Group: IS-POND
Comment:

X-Station(ft)	Y-Elevation(ft)	Manning's N
1000	90	0.04
1150	89	0.04
1300	90	0.04
1400	90	0.04
1530	89	0.04
1650	90	0.04
1950	95	0.04
2100	95	0.04
2500	90	0.04
2700	89	0.04
2900	90	0.04

--------Class: Cross Section----------
Name: M-IP Group: IS-POND
Comment:

X-Station(ft)	Y-Elevation(ft)	Manning's N
1000	85	0.04
1200	84	0.04
1400	85	0.04

--------Class: Basin----------
Basin: IP-E Node: IP-E Status: On Site Type: SCS Unit Hydr
Group: IS-POND
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWM096 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 294.6 Concentration Time(min): 23
Curve #: 59 Lag Time(hrs): 0
DCIA(%): 0

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) (9)
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Basin--------

Basin: IP-FE Node: IP-FE Status: On Site Type: SCS Unit Hydr
Group: IS-POND
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 259.2 Concentration Time(min): 45
Curve #: 59 Lag Time(hrs): 0
DCIA(%): 0

--------Class: Basin--------

Basin: IP-S Node: IP-S Status: On Site Type: SCS Unit Hydr
Group: IS-POND
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 354.7 Concentration Time(min): 23
Curve #: 60 Lag Time(hrs): 0
DCIA(%): 0

--------Class: Basin--------

Basin: IP-SE Node: IP-SE Status: On Site Type: SCS Unit Hydr
Group: IS-POND
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 416.6 Concentration Time(min): 36
Curve #: 65 Lag Time(hrs): 0
DCIA(%): 0

--------Class: Basin--------

Basin: IP-SSW Node: IP-SSW Status: On Site Type: SCS Unit Hydr
Group: IS-POND
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 166.3 Concentration Time(min): 34
Curve #: 61 Lag Time(hrs): 0
DCIA(%): 0

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [10]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Basin--------

Basin: IP-SW Node: IP-SW Status: On Site Type: SCS Unit Hydr
Group: IS-POND
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 66.9 Concentration Time(min): 30
Curve #: 62 Lag Time(hrs): 0
DCIA(%): 0

--------Class: Basin--------

Basin: IP-W Node: IS-POND Status: On Site Type: SCS Unit Hydr
Group: IS-POND
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 149.2 Concentration Time(min): 53
Curve #: 62 Lag Time(hrs): 0
DCIA(%): 0

--------Class: Basin--------

Basin: IS-POND Node: IS-POND Status: On Site Type: SCS Unit Hydr
Group: IS-POND
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 777.5 Concentration Time(min): 28
Curve #: 61 Lag Time(hrs): 0
DCIA(%): 0

--------Class: Basin--------

Basin: LK-WOODS Node: LK-WOODS Status: On Site Type: SCS Unit Hydr
Group: IS-POND
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 26.9 Concentration Time(min): 13
Curve #: 55 Lag Time(hrs): 0
DCIA(%): 0

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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Basin--------

Basin: MADGE Node: MADGE Status: On Site Type: SCS Unit Hydr
Group: IS-POND
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 70.8 Concentration Time(min): 25
Curve #: 50 Lag Time(hrs): 0
DCIA(%): 0

--------Class: Basin--------

Basin: SR44-E Node: SR44-E Status: On Site Type: SCS Unit Hydr
Group: IS-POND
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 38.9 Concentration Time(min): 16
Curve #: 68 Lag Time(hrs): 0
DCIA(%): 0

--------Class: Basin--------

Basin: SR44-S Node: SR44-S Status: On Site Type: SCS Unit Hydr
Group: IS-POND
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 50.2 Concentration Time(min): 18
Curve #: 68 Lag Time(hrs): 0
DCIA(%): 0

--------Class: Basin--------

Basin: SR44-W Node: SR44-W Status: On Site Type: SCS Unit Hydr
Group: IS-POND
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 121 Concentration Time(min): 34
Curve #: 63 Lag Time(hrs): 0
DCIA(%): 0

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [12]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Pipe--------

Name: IP-IE-C1 From Node: IS-POND Length(ft): 43
Group: IS-POND To Node: IP-E Count: 1

	UPSTREAM	DOWNSTREAM		
			Equation:	Average K
Geometry:	Circular	Circular	Flow:	Both
Span(in):	18	18	Entrance Loss Coef:	0.8
Rise(in):	18	18	Exit Loss Coef:	0
Invert(ft):	57.54	56.36	Bend Loss Coef:	0
Manning's N:	0.02	0.02	Outlet Cntrl Spec:	Use dc or tw
Top Clip(in):	0	0	Inlet Cntrl Spec:	Use dn
Bottom Clip(in):	0	0	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting 2 3

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting 2 3

Lake Co. Surveyed XS 104 - High Pipe
--------Class: Pipe--------

Name: IP-IE-C2 From Node: IS-POND Length(ft): 43
Group: IS-POND To Node: IP-E Count: 1

	UPSTREAM	DOWNSTREAM		
			Equation:	Average K
Geometry:	Circular	Circular	Flow:	Both
Span(in):	18	18	Entrance Loss Coef:	0.8
Rise(in):	18	18	Exit Loss Coef:	0
Invert(ft):	54.95	53.83	Bend Loss Coef:	0
Manning's N:	0.02	0.02	Outlet Cntrl Spec:	Use dc or tw
Top Clip(in):	0	0	Inlet Cntrl Spec:	Use dn
Bottom Clip(in):	0	0	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting 2 3

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting 2 3

Lake Co. Surveyed XS 104 - Low Pipe

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [13]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Weir--------
Name: 44E-44S From Node: SR44-E
Group: IS-POND To Node: SR44-S
Count: 1

Type: Paved Flow: Both Geometry: Irregular

XSec Name: 44E-44S

Invert(ft): 70.24
Control Elev(ft): 70.24
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 2.6
Orifice Discharge Coef: 0.6

Lake Co. Surveyed XS 109

--------Class: Weir--------
Name: 44S-SWMP From Node: SR44-S
Group: IS-POND To Node: SEM-SWMP
Count: 1

Type: Fread Flow: Both Geometry: Irregular

XSec Name: 44S-SWMP

Invert(ft): 74.4
Control Elev(ft): 74.4
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Lake Co. Surveyed XS 110

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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Weir--------

Name: 44W-44E From Node: SR44-W
Group: IS-POND To Node: SR44-E
Count: 1

Type: Fixed Flow: Both Geometry: Irregular

XSec Name: 44W-44E

Invert(ft): 68.1
Control Elev(ft): 68.1
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Lake Co. Surveyed XS 108

--------Class: Weir--------

Name: 44W-44S From Node: SR44-W
Group: IS-POND To Node: SR44-S
Count: 1

Type: Paved Flow: Both Geometry: Irregular

XSec Name: 44W-44S

Invert(ft): 72.89
Control Elev(ft): 72.89
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 2.6
Orifice Discharge Coef: 0.6

Lake Co. Surveyed XS 109

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********** Input Report **********

--------Class: Weir--------

Name: IE-44W From Node: IP-E
Group: IS-POND To Node: SR44-W
Count: 1

Type: Fread Flow: Both Geometry: Irregular

XSec Name: IE-44W

Invert(ft): 67.7
Control Elev(ft): 67.7
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Not Surveyed

--------Class: Weir--------

Name: IE-IFE From Node: IP-E
Group: IS-POND To Node: IP-FE
Count: 1

Type: Fread Flow: Both Geometry: Irregular

XSec Name: IE-IFE

Invert(ft): 67.7
Control Elev(ft): 67.7
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Lake Co. Surveyed XS 106 - Start

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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Weir--------

Name: IFE-44W From Node: IP-FE
Group: IS-POND To Node: SR44-W
Count: 1

Type: Fread Flow: Both Geometry: Irregular

XSec Name: IFE-44W

Invert(ft): 68.1
Control Elev(ft): 68.1
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Lake Co. Surveyed XS 107

--------Class: Weir--------

Name: IP-IE-W From Node: IS-POND
Group: IS-POND To Node: IP-E
Count: 1

Type: Gravel Flow: Both Geometry: Irregular

XSec Name: IP-IE-W

Invert(ft): 62.4
Control Elev(ft): 62.4
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 2.6
Orifice Discharge Coef: 0.6

Lake Co. Surveyed XS 104

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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Weir--------

Name: ISE-IP From Node: IP-SE
Group: IS-POND To Node: IS-POND
Count: 1

Type: Fread Flow: Both Geometry: Irregular

XSec Name: ISE-IP

Invert(ft): 70
Control Elev(ft): 70
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Not Surveyed

--------Class: Weir--------

Name: ISSW-IP From Node: IP-SSW
Group: IS-POND To Node: IS-POND
Count: 1

Type: Fread Flow: Both Geometry: Irregular

XSec Name: ISSW-IP

Invert(ft): 86
Control Elev(ft): 86
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Not Surveyed

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [18]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Weir----------

Name: ISW-IP From Node: IP-SW
Group: IS-POND To Node: IS-POND
Count: 1

Type: Fread Flow: Both Geometry: Irregular

XSec Name: ISW-IP

Invert(ft): 114
Control Elev(ft): 114
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Not Surveyed

--------Class: Weir----------

Name: ISW-IW From Node: IP-SW
Group: IS-POND To Node: IP-W
Count: 1

Type: Fread Flow: Both Geometry: Irregular

XSec Name: ISW-IW

Invert(ft): 114
Control Elev(ft): 114
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Not Surveyed

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) (19)
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Weir--------
Name: IW-IP From Node: IP-W
Group: IS-POND To Node: IS-POND
Count: 1

Type: Fread Flow: Both Geometry: Irregular

XSec Name: IW-IP

Invert(ft): 89
Control Elev(ft): 89
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Not Surveyed

--------Class: Weir--------
Name: M-IP From Node: MADGE
Group: IS-POND To Node: IS-POND
Count: 1

Type: Fread Flow: Both Geometry: Irregular

XSec Name: M-IP

Invert(ft): 83
Control Elev(ft): 83
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Not Surveyed

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [1]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Node--------

Name: SEN-SWMP Base Flow(cfs): 0 Init Stage(ft): 74
Group: SENECA Length(ft): 0 Warn Stage(ft): 74.4
Comment:

Time(hrs)	Stage(ft)
0	74
1000	74

--------Class: Node--------

Name: SEN-CEN Base Flow(cfs): 0 Init Stage(ft): 102
Group: SENECA Length(ft): 0 Warn Stage(ft): 125
Comment:

Stage(ft)	Area(ac)
102	0.3
109	0.9
119	2.7
121	3.7
123	4.8
125	6.9

--------Class: Node--------

Name: SEN-E Base Flow(cfs): 0 Init Stage(ft): 75
Group: SENECA Length(ft): 0 Warn Stage(ft): 99
Comment:

Stage(ft)	Area(ac)
75	0.4
77	7.9
79	14.5
81	17.2
89	24.2
99	34.4

--------Class: Node--------

Name: SEN-NW Base Flow(cfs): 0 Init Stage(ft): 112.4
Group: SENECA Length(ft): 0 Warn Stage(ft): 123
Comment:

Stage(ft)	Area(ac)
112.4	0.05
117	0.3
119	0.9
121	46.2
123	113.4

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [2]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Node--------
Name: SEN-S Base Flow(cfs): 0 Init Stage(ft): 64
Group: SENECA Length(ft): 0 Warn Stage(ft): 79
Comment:

Stage(ft)	Area(ac)
64	10.3
69	23.2
74	33.1
79	50.6

--------Class: Node--------
Name: SEN-W Base Flow(cfs): 0 Init Stage(ft): 83
Group: SENECA Length(ft): 0 Warn Stage(ft): 109
Comment:

Stage(ft)	Area(ac)
83	0.3
85	1.9
87	3.2
89	4.3
91	5.7
99	9.9
103	14.2
109	20.3

--------Class: Node--------
Name: SEN-WP Base Flow(cfs): 0 Init Stage(ft): 144
Group: SENECA Length(ft): 0 Warn Stage(ft): 154
Comment:

Stage(ft)	Area(ac)
144	12.7
149	35.8
154	52.8

--------Class: Node--------
Name: SENECA Base Flow(cfs): 0 Init Stage(ft): 72.84
Group: SENECA Length(ft): 0 Warn Stage(ft): 91
Comment:

Stage(ft)	Area(ac)
72.7	92.7
73	101.1
79	131.4
91	171.8

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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Cross Section--------

Name: S-1P-W Group: SENECA

Comment: Lake Co. Surveyed XS 101

X-Station(ft)	Y-Elevation(ft)	Manning's N
700	83.3	0.03
800	81.2	0.03
900	79.6	0.03
1000	78.3	0.03
1100	78.7	0.03
1200	79.4	0.03
1300	79.5	0.03

--------Class: Cross Section--------

Name: SC-S Group: SENECA

Comment:

X-Station(ft)	Y-Elevation(ft)	Manning's N
2000	126	0.04
2080	124	0.04
2120	123.9	0.04
2155	124	0.04
2290	125.7	0.04

--------Class: Cross Section--------

Name: SE-S Group: SENECA

Comment:

X-Station(ft)	Y-Elevation(ft)	Manning's N
1955	84	0.04
1965	82	0.04
2000	81	0.04
2030	82	0.04
2050	84	0.04

--------Class: Cross Section--------

Name: SNW-S Group: SENECA

Comment:

X-Station(ft)	Y-Elevation(ft)	Manning's N
1245	126	0.04
1845	124	0.04
1870	123.9	0.04
2000	124	0.04
2065	126	0.04

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [4]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Cross Section----------
Name: SS-1P Group: SENECA
Comment: Lake Co. Surveyed XS 102 & 103

X-Station(ft)	Y-Elevation(ft)	Manning's N
500	75.3	0.03
600	73.5	0.03
700	70.1	0.03
800	66.2	0.03
900	65.7	0.03
982	68.1	0.03
1000	67.8	0.03
1100	68.9	0.03
1200	70.2	0.03
1300	71.9	0.03

--------Class: Cross Section----------
Name: SW-S Group: SENECA
Comment:

X-Station(ft)	Y-Elevation(ft)	Manning's N
1925	94	0.04
1960	92	0.04
2000	91.1	0.04
2060	92	0.04
2090	94	0.04

--------Class: Cross Section----------
Name: SWP-SW Group: SENECA
Comment:

X-Station(ft)	Y-Elevation(ft)	Manning's N
2000	150	0.04
2060	149	0.04
2120	150	0.04

--------Class: Cross Section----------
Name: WD-1PSSW Group: SENECA
Comment:

X-Station(ft)	Y-Elevation(ft)	Manning's N
1000	125	0.04
1100	122	0.04
1240	121	0.04
1380	122	0.04
1480	125	0.04

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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Basin--------

Basin: SEN-CEM Node: SEN-CEM Status: On Site Type: SCS Unit Hydr
Group: SENECA
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 46.6 Concentration Time(min): 52
Curve #: 70 Lag Time(hrs): 0
DCIA(%): 0

--------Class: Basin--------

Basin: SEN-E Node: SEN-E Status: On Site Type: SCS Unit Hydr
Group: SENECA
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 269.8 Concentration Time(min): 51
Curve #: 64 Lag Time(hrs): 0
DCIA(%): 0

--------Class: Basin--------

Basin: SEN-NW Node: SEN-NW Status: On Site Type: SCS Unit Hydr
Group: SENECA
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 168.7 Concentration Time(min): 110
Curve #: 77 Lag Time(hrs): 0
DCIA(%): 0

--------Class: Basin--------

Basin: SEN-S Node: SEN-S Status: On Site Type: SCS Unit Hydr
Group: SENECA
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWMD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 169.4 Concentration Time(min): 36
Curve #: 60 Lag Time(hrs): 0
DCIA(%): 0

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [6]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Basin--------

Basin: SEN-W Node: SEN-W Status: On Site Type: SCS Unit Hydr
Group: SENECA
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWHD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 139.5 Concentration Time(min): 34
Curve #: 62 Lag Time(hrs): 0
DCIA(%): 0

--------Class: Basin--------

Basin: SEN-WP Node: SEN-WP Status: On Site Type: SCS Unit Hydr
Group: SENECA
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWHD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 68.6 Concentration Time(min): 14
Curve #: 62 Lag Time(hrs): 0
DCIA(%): 0

--------Class: Basin--------

Basin: SENECA Node: SENECA Status: On Site Type: SCS Unit Hydr
Group: SENECA
Unit Hydrograph: UH323 Peak Factor: 323
Rainfall File: SJRWHD96 Storm Duration(hrs): 96
Rainfall Amount(in): 0
Area(ac): 413.3 Concentration Time(min): 47
Curve #: 71 Lag Time(hrs): 0
DCIA(%): 0

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [7]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Pipe--------

```
          Name: S-IP-C        From Node: SENECA     Length(ft): 33
         Group: SENECA          To Node: IS-POND         Count: 1

                UPSTREAM      DOWNSTREAM            Equation: Average K
      Geometry: Circular      Circular                  Flow: Both
      Span(in): 36            36           Entrance Loss Coef: 0.6
      Rise(in): 36            36               Exit Loss Coef: 0
    Invert(ft): 72.94         72.84            Bend Loss Coef: 0
   Manning's N: 0.012         0.012         Outlet Cntrl Spec: Use dc or tw
  Top Clip(in): 0             0              Inlet Cntrl Spec: Use dn
Bottom Clip(in): 0            0             Stabilizer Option: None


    Upstream FHWA Inlet Edge Description:
    Circular CMP: Projecting                                  2     3

    Downstream FHWA Inlet Edge Description:
    Circular CMP: Projecting                                  2     3
```

Lake Co. Surveyed XS 101

--------Class: Pipe--------

```
          Name: SNW-S-C       From Node: SEN-NW     Length(ft): 70
         Group: SENECA          To Node: SENECA          Count: 1

                UPSTREAM      DOWNSTREAM            Equation: Average K
      Geometry: Circular      Circular                  Flow: Both
      Span(in): 45            45           Entrance Loss Coef: 0.3
      Rise(in): 45            45               Exit Loss Coef: 0
    Invert(ft): 112.4         112.4            Bend Loss Coef: 0
   Manning's N: 0.012         0.012         Outlet Cntrl Spec: Use dc or tw
  Top Clip(in): 0             0              Inlet Cntrl Spec: Use dn
Bottom Clip(in): 0            0             Stabilizer Option: None


    Upstream FHWA Inlet Edge Description:
    Circular: Beveled ring, 45ø bevels                        3     A

    Downstream FHWA Inlet Edge Description:
    Circular: Beveled ring, 45ø bevels                        3     A
```

Lake Co. - Not Surveyed, Site Visit.

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [8]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Weir--------
Name: S-IP-W From Node: SENECA
Group: SENECA To Node: IS-POND
Count: 1

Type: Paved Flow: Both Geometry: Irregular

XSec Name: S-IP-W

Invert(ft): 78.3
Control Elev(ft): 78.3
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 2.6
Orifice Discharge Coef: 0.6

Lake Co. Surveyed XS 101

--------Class: Weir--------
Name: SC-S From Node: SEN-CEM
Group: SENECA To Node: SENECA
Count: 1

Type: Fread Flow: Both Geometry: Irregular

XSec Name: SC-S

Invert(ft): 122.9
Control Elev(ft): 122.9
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Not Surveyed

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [9]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Weir--------

Name: SE-S From Node: SEN-E
Group: SENECA To Node: SENECA
Count: 1

Type: Gravel Flow: Both Geometry: Irregular

XSec Name: SE-S

Invert(ft): 80
Control Elev(ft): 80
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 2.6
Orifice Discharge Coef: 0.6

Not Surveyed

--------Class: Weir--------

Name: SNW-S From Node: SEN-NW
Group: SENECA To Node: SENECA
Count: 1

Type: Paved Flow: Both Geometry: Irregular

XSec Name: SNW-S

Invert(ft): 122.9
Control Elev(ft): 122.9
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 2.6
Orifice Discharge Coef: 0.6

Not Surveyed

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) (10)
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********
--------Class: Weir--------
Name: SS-IP From Node: SEN-S
Group: SENECA To Node: IS-POND
Count: 1

Type: Fread Flow: Both Geometry: Irregular

XSec Name: SS-IP

Invert(ft): 65.7
Control Elev(ft): 65.7
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Lake Co. Surveyed XS 102 & 103

--------Class: Weir--------
Name: SW-S From Node: SEN-W
Group: SENECA To Node: SENECA
Count: 1

Type: Fread Flow: Both Geometry: Irregular

XSec Name: SW-S

Invert(ft): 90.1
Control Elev(ft): 90.1
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Not Surveyed

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [11]
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Lake Seneca & Island Pond - Elevations NAVD '88

********** Input Report **********

--------Class: Weir--------

Name: SWP-SW From Node: SEN-WP
Group: SENECA To Node: SEN-W
Count: 1

Type: Fread Flow: Both Geometry: Irregular

XSec Name: SWP-SW

Invert(ft): 149
Control Elev(ft): 149
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Not Surveyed

--------Class: Weir--------

Name: WD-IPSSW From Node: LK-WOODS
Group: SENECA To Node: IP-SSW
Count: 1

Type: Fread Flow: Both Geometry: Irregular

XSec Name: WD-IPSSW

Invert(ft): 120
Control Elev(ft): 120
Structure Opening(ft): 999 TABLE
Bottom Clip(ft): 0
Top Clip(ft): 0
Weir Discharge Coef: 3.2
Orifice Discharge Coef: 0.6

Not Surveyed

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [1]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Basin Summary - 10YEAR **********

***

Basin Name:	IS-POND	IP-E	IP-FE	IP-S	IP-SE
Group Name:	IS-POND	IS-POND	IS-POND	IS-POND	IS-POND
Node Name:	IS-POND	IP-E	IP-FE	IP-S	IP-SE
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	3.73	3.07	6.00	3.07	4.80
Comp Time Inc (min):	3.73	3.07	6.00	3.07	4.80
Rainfall File:	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96
Rainfall Amount (in):	9.00	9.00	9.00	9.00	9.00
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	28.00	23.00	45.00	23.00	36.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	777.50	294.60	259.20	354.70	416.60
Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	61.00	59.00	59.00	60.00	65.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.17	60.11	60.30	60.11	60.24
Flow Max (cfs):	1420.33	563.42	338.58	699.39	739.69
Runoff Volume (in):	4.22	3.98	3.98	4.10	4.72
Runoff Volume (cf):	11921275	4255203	3744297	5281633	7136525

***

Basin Name:	IP-SSW	IP-SW	MADGE	SENECA	SEN-CEM
Group Name:	IS-POND	IS-POND	IS-POND	SENECA	SENECA
Node Name:	IP-SSW	IP-SW	MADGE	SENECA	SEN-CEM
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	4.53	4.00	3.33	6.27	6.93
Comp Time Inc (min):	4.53	4.00	3.33	6.27	6.93
Rainfall File:	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96
Rainfall Amount (in):	9.00	9.00	9.00	9.00	9.00
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	34.00	30.00	25.00	47.00	52.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	166.30	66.90	70.80	413.30	46.60
Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	61.00	62.00	50.00	71.00	70.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.22	60.20	60.17	60.37	60.32
Flow Max (cfs):	273.27	121.15	91.88	704.37	73.05

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [2]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Basin Summary - 10YEAR **********

Runoff Volume (in):	4.22	4.35	2.88	5.46	5.33
Runoff Volume (cf):	2550041	1056113	741089	8191884	902313

***

Basin Name:	SEN-E	SEN-NW	SEN-S	SEN-W	SEN-WP
Group Name:	SENECA	SENECA	SENECA	SENECA	SENECA
Node Name:	SEN-E	SEN-NW	SEN-S	SEN-W	SEN-WP
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	6.80	14.66	4.80	4.53	1.87
Comp Time Inc (min):	6.80	14.67	4.80	4.53	1.87
Rainfall File:	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96
Rainfall Amount (in):	9.00	9.00	9.00	9.00	9.00
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	51.00	110.00	36.00	34.00	14.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	269.80	168.70	169.40	139.50	68.60
Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	64.00	77.00	60.00	62.00	62.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.41	61.11	60.24	60.22	60.04
Flow Max (cfs):	371.54	178.68	261.90	235.89	176.20
Runoff Volume (in):	4.60	6.20	4.10	4.35	4.35
Runoff Volume (cf):	4500631	3793740	2522673	2203491	1082780

***

Basin Name:	SR44-E	SR44-S	SR44-W	LK-WOODS	IP-W
Group Name:	IS-POND	IS-POND	IS-POND	IS-POND	IS-POND
Node Name:	SR44-E	SR44-S	SR44-W	LK-WOODS	IS-POND
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	2.13	2.40	4.53	1.73	7.06
Comp Time Inc (min):	2.13	2.40	4.53	1.73	7.07
Rainfall File:	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96
Rainfall Amount (in):	9.00	9.00	9.00	9.00	9.00
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	16.00	18.00	34.00	13.00	53.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	38.90	50.20	121.00	26.90	149.20

Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	68.00	68.00	63.00	55.00	62.00

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [3]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Basin Summary - 10YEAR **********

DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.05	60.08	60.22	60.03	60.42
Flow Max (cfs):	109.92	135.59	210.34	57.20	189.67
Runoff Volume (in):	5.09	5.09	4.47	3.49	4.35
Runoff Volume (cf):	718721	927521	1963712	340723	2355138

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [1]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Basin Summary - 50YEAR **********

***

Basin Name:	IS-POND	IP-E	IP-FE	IP-S	IP-SE
Group Name:	IS-POND	IS-POND	IS-POND	IS-POND	IS-POND
Node Name:	IS-POND	IP-E	IP-FE	IP-S	IP-SE
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	3.73	3.07	6.00	3.07	4.80
Comp Time Inc (min):	3.73	3.07	6.00	3.07	4.80
Rainfall File:	SJRWND96	SJRWND96	SJRWND96	SJRWND96	SJRWND96
Rainfall Amount (in):	13.10	13.10	13.10	13.10	13.10
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	28.00	23.00	45.00	23.00	36.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	777.50	294.60	259.20	354.70	416.60
Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	61.00	59.00	59.00	60.00	65.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.17	60.11	60.30	60.11	60.24
Flow Max (cfs):	2550.26	1032.36	625.20	1267.97	1282.16
Runoff Volume (in):	7.67	7.35	7.35	7.51	8.31
Runoff Volume (cf):	21654254	7861579	6917582	9674138	12562999

***

Basin Name:	IP-SSW	IP-SW	MADGE	SENECA	SEN-CEM
Group Name:	IS-POND	IS-POND	IS-POND	SENECA	SENECA
Node Name:	IP-SSW	IP-SW	MADGE	SENECA	SEN-CEM
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	4.53	4.00	3.33	6.27	6.93
Comp Time Inc (min):	4.53	4.00	3.33	6.27	6.93
Rainfall File:	SJRWND96	SJRWND96	SJRWND96	SJRWND96	SJRWND96
Rainfall Amount (in):	13.10	13.10	13.10	13.10	13.10
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	34.00	30.00	25.00	47.00	52.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	166.30	66.90	70.80	413.30	46.60
Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	61.00	62.00	50.00	71.00	70.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.22	60.13	60.11	60.26	60.32

Flow Max (cfs):	491.92	215.90	190.28	1164.76	122.19

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) (2)
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Basin Summary - 50YEAR **********

Runoff Volume (in):	7.67	7.84	5.84	9.22	9.07
Runoff Volume (cf):	4631947	1902718	1501369	13833878	1533837

***

Basin Name:	SEN-E	SEN-NW	SEN-S	SEN-W	SEN-WP
Group Name:	SENECA	SENECA	SENECA	SENECA	SENECA
Node Name:	SEN-E	SEN-NW	SEN-S	SEN-W	SEN-WP
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	6.80	14.66	4.80	4.53	1.87
Comp Time Inc (min):	6.80	14.67	4.80	4.53	1.87
Rainfall File:	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96
Rainfall Amount (in):	13.10	13.10	13.10	13.10	13.10
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	51.00	110.00	36.00	34.00	14.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	269.80	168.70	169.40	139.50	68.60
Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	64.00	77.00	60.00	62.00	62.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.41	60.87	60.24	60.22	60.04
Flow Max (cfs):	651.21	284.35	476.48	420.42	310.89
Runoff Volume (in):	8.15	10.09	7.51	7.83	7.83
Runoff Volume (cf):	7982671	6176525	4620617	3966402	1950793

***

Basin Name:	SR44-E	SR44-S	SR44-W	LK-WOODS	IP-W
Group Name:	IS-POND	IS-POND	IS-POND	IS-POND	IS-POND
Node Name:	SR44-E	SR44-S	SR44-W	LK-WOODS	IS-POND
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	2.13	2.40	4.53	1.73	7.06
Comp Time Inc (min):	2.13	2.40	4.53	1.73	7.07
Rainfall File:	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96
Rainfall Amount (in):	13.10	13.10	13.10	13.10	13.10
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	16.00	18.00	34.00	13.00	53.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	38.90	50.20	121.00	26.90	149.20

Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	68.00	68.00	63.00	55.00	62.00

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [3]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Basin Summary - 50YEAR **********

DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.05	60.08	60.22	60.03	60.42
Flow Max (cfs):	184.61	227.74	371.27	108.74	339.05
Runoff Volume (in):	8.77	8.77	7.99	6.69	7.83
Runoff Volume (cf):	1238325	1598073	3510071	653441	4243106

Flow Max (cfs):	590.65	258.76	236.81	1368.80	143.89

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [1]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Basin Summary - 100YEAR **********

***

Basin Name:	IS-POND	IP-E	IP-FE	IP-S	IP-SE
Group Name:	IS-POND	IS-POND	IS-POND	IS-POND	IS-POND
Node Name:	IS-POND	IP-E	IP-FE	IP-S	IP-SE
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	3.73	3.07	6.00	3.07	4.80
Comp Time Inc (min):	3.73	3.07	6.00	3.07	4.80
Rainfall File:	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96
Rainfall Amount (in):	14.90	14.90	14.90	14.90	14.90
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	28.00	23.00	45.00	23.00	36.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	777.50	294.60	259.20	354.70	416.60
Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	61.00	59.00	59.00	60.00	65.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.17	60.11	60.30	60.11	60.24
Flow Max (cfs):	3059.99	1245.29	755.72	1525.25	1524.20
Runoff Volume (in):	9.27	8.92	8.93	9.10	9.95
Runoff Volume (cf):	26165444	9543583	8397586	11716264	15050055

***

Basin Name:	IP-SSW	IP-SW	MADGE	SENECA	SEN-CEM
Group Name:	IS-POND	IS-POND	IS-POND	SENECA	SENECA
Node Name:	IP-SSW	IP-SW	MADGE	SENECA	SEN-CEM
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	4.53	4.00	3.33	6.27	6.93
Comp Time Inc (min):	4.53	4.00	3.33	6.27	6.93
Rainfall File:	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96
Rainfall Amount (in):	14.90	14.90	14.90	14.90	14.90
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	34.00	30.00	25.00	47.00	52.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	166.30	66.90	70.80	413.30	46.60
Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	61.00	62.00	50.00	71.00	70.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.22	60.13	60.11	60.26	60.32

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [2]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Basin Summary - 100YEAR **********

Runoff Volume (in):	9.27	9.45	7.27	10.92	10.76
Runoff Volume (cf):	5596894	2293945	1868392	16383749	1819858

***

Basin Name:	SEN-E	SEN-NW	SEN-S	SEN-W	SEN-WP
Group Name:	SENECA	SENECA	SENECA	SENECA	SENECA
Node Name:	SEN-E	SEN-NW	SEN-S	SEN-W	SEN-WP
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	6.80	14.66	4.80	4.53	1.87
Comp Time Inc (min):	6.80	14.67	4.80	4.53	1.87
Rainfall File:	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96
Rainfall Amount (in):	14.90	14.90	14.90	14.90	14.90
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	51.00	110.00	36.00	34.00	14.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	269.80	168.70	169.40	139.50	68.60
Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	64.00	77.00	60.00	62.00	62.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.41	60.87	60.24	60.22	60.04
Flow Max (cfs):	776.45	330.68	573.71	503.48	371.29
Runoff Volume (in):	9.78	11.83	9.10	9.44	9.44
Runoff Volume (cf):	9582787	7241659	5595976	4782014	2351924

***

Basin Name:	SR44-E	SR44-S	SR44-W	LK-WOODS	TP-W
Group Name:	IS-POND	IS-POND	IS-POND	IS-POND	IS-POND
Node Name:	SR44-E	SR44-S	SR44-W	LK-WOODS	IS-POND
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	2.13	2.40	4.53	1.73	7.06
Comp Time Inc (min):	2.13	2.40	4.53	1.73	7.07
Rainfall File:	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96
Rainfall Amount (in):	14.90	14.90	14.90	14.90	14.90
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	16.00	18.00	34.00	13.00	53.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	38.90	50.20	121.00	26.90	149.20

Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	68.00	68.00	63.00	55.00	62.00

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [3]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Basin Summary - 100YEAR **********

DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.05	60.08	60.22	60.03	60.42
Flow Max (cfs):	217.62	268.46	443.49	132.42	406.36
Runoff Volume (in):	10.44	10.44	9.61	8.21	9.45
Runoff Volume (cf):	1474709	1903129	4222648	801336	5115578

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [1]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Basin Summary - 500YEAR **********

***

Basin Name:	IS-POND	IP-E	IP-FE	IP-S	IP-SE
Group Name:	IS-POND	IS-POND	IS-POND	IS-POND	IS-POND
Node Name:	IS-POND	IP-E	IP-FE	IP-S	IP-SE
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	3.73	3.07	6.00	3.07	4.80
Comp Time Inc (min):	3.73	3.07	6.00	3.07	4.80
Rainfall File:	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96
Rainfall Amount (in):	19.00	19.00	19.00	19.00	19.00
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	28.00	23.00	45.00	23.00	36.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	777.50	294.60	259.20	354.70	416.60
Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	61.00	59.00	59.00	60.00	65.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.17	60.11	60.30	60.11	60.24
Flow Max (cfs):	4230.92	1736.18	1057.16	2117.22	2076.97
Runoff Volume (in):	13.02	12.63	12.63	12.83	13.79
Runoff Volume (cf):	36758560	13508127	11885991	16520407	20851136

***

Basin Name:	IP-SSW	IP-SW	MADGE	SENECA	SEN-CEM
Group Name:	IS-POND	IS-POND	IS-POND	SENECA	SENECA
Node Name:	IP-SSW	IP-SW	MADGE	SENECA	SEN-CEM
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	4.53	4.00	3.33	6.27	6.93
Comp Time Inc (min):	4.53	4.00	3.33	6.27	6.93
Rainfall File:	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96
Rainfall Amount (in):	19.00	19.00	19.00	19.00	19.00
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	34.00	30.00	25.00	47.00	52.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	166.30	66.90	70.80	413.30	46.60
Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	61.00	62.00	50.00	71.00	70.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.22	60.13	60.11	60.26	60.32

Flow Max (cfs):	817.57	357.12	346.66	1832.07	193.21

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [2]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Basin Summary - 500YEAR **********

Runoff Volume (in):	13.02	13.22	10.71	14.85	14.68
Runoff Volume (cf):	7862785	3210994	2752064	22283262	2482420

***

Basin Name:	SEN-E	SEN-NW	SEN-S	SEN-W	SEN-WP
Group Name:	SENECA	SENECA	SENECA	SENECA	SENECA
Node Name:	SEN-E	SEN-NW	SEN-S	SEN-W	SEN-WP
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	6.80	14.66	4.80	4.53	1.87
Comp Time Inc (min):	6.80	14.67	4.80	4.53	1.87
Rainfall File:	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96
Rainfall Amount (in):	19.00	19.00	19.00	19.00	19.00
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	51.00	110.00	36.00	34.00	14.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	269.80	168.70	169.40	139.50	68.60
Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	64.00	77.00	60.00	62.00	62.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.41	60.87	60.24	60.22	60.04
Flow Max (cfs):	1063.04	435.56	797.61	694.03	509.58
Runoff Volume (in):	13.60	15.82	12.83	13.22	13.22
Runoff Volume (cf):	13320974	9690904	7890526	6693818	3292170

***

Basin Name:	SR44-E	SR44-S	SR44-W	LK-WOODS	IP-W
Group Name:	IS-POND	IS-POND	IS-POND	IS-POND	IS-POND
Node Name:	SR44-E	SR44-S	SR44-W	LK-WOODS	IS-POND
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH323	UH323	UH323	UH323	UH323
Peaking Factor:	323.00	323.00	323.00	323.00	323.00
Spec Time Inc (min):	2.13	2.40	4.53	1.73	7.06
Comp Time Inc (min):	2.13	2.40	4.53	1.73	7.07
Rainfall File:	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96
Rainfall Amount (in):	19.00	19.00	19.00	19.00	19.00
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	16.00	18.00	34.00	13.00	53.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	38.90	50.20	121.00	26.90	149.20

Vol of Unit Hyd (in):	1.00	1.00	1.00	1.00	1.00
Curve Number:	68.00	68.00	63.00	55.00	62.00

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [3]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Basin Summary - 500YEAR **********

DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	60.05	60.08	60.22	60.03	60.42
Flow Max (cfs):	292.64	361.04	608.89	187.38	560.92
Runoff Volume (in):	14.33	14.33	13.41	11.81	13.22
Runoff Volume (cf):	2023712	2611613	5890094	1152905	7160656

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [1]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Link Minimum Conditions - 10YEAR **********

(Time units - hours)

Link Name	Group Name	Min Time Flow	Min Flow (cfs)	Min Delta Q (cfs)	Min Time U/S Stage	Min U/S Stage (ft)	Min Time D/S Stage	Min DS Stage (ft)
S-IP-C	SENECA	0.00	0.00	0.00	0.00	72.84	0.00	54.90
S-IP-W	SENECA	0.00	0.00	0.00	0.00	72.84	0.00	54.90
SC-S	SENECA	0.00	0.00	0.00	0.00	102.00	0.00	72.84
SE-S	SENECA	0.00	0.00	0.00	0.00	75.00	0.00	72.84
SNW-S	SENECA	0.00	0.00	0.00	0.00	112.40	0.00	72.84
SNW-S-C	SENECA	0.00	0.00	0.00	0.00	112.40	0.00	72.84
SS-IP	SENECA	0.00	0.00	0.00	0.00	64.00	0.00	54.90
SW-S	SENECA	0.00	0.00	0.00	0.00	83.00	0.00	72.84
SWP-SW	SENECA	0.00	0.00	0.00	0.00	144.00	0.00	83.00
WD-IPSSW	SENECA	0.00	0.00	0.00	0.00	109.00	0.00	79.00
44E-44S	IS-POND	60.15	-124.55	0.00	0.00	68.10	0.00	69.00
44S-SWMP	IS-POND	0.00	0.00	0.00	0.00	69.00	0.00	74.00
44W-44E	IS-POND	60.21	-203.45	0.00	0.00	65.00	0.00	68.10
44W-44S	IS-POND	0.00	0.00	0.00	0.00	65.00	0.00	69.00
IE-44W	IS-POND	63.33	-32.73	0.00	0.00	54.90	0.00	65.00
IE-IFE	IS-POND	60.38	-327.76	0.00	0.00	54.90	0.00	67.70
IFE-44W	IS-POND	63.33	-1.18	0.00	0.00	67.70	0.00	65.00
IP-IE-C1	IS-POND	60.58	-19.20	0.00	0.00	54.90	0.00	54.90
IP-IE-C2	IS-POND	60.39	-17.64	0.00	0.00	54.90	0.00	54.90
IP-IE-W	IS-POND	60.58	-562.96	0.00	0.00	54.90	0.00	54.90
ISE-IP	IS-POND	0.00	0.00	0.00	0.00	62.00	0.00	54.90
ISSW-IP	IS-POND	0.00	0.00	0.00	0.00	79.00	0.00	54.90
ISW-IP	IS-POND	0.00	0.00	0.00	0.00	99.00	0.00	54.90
ISW-IW	IS-POND	0.00	0.00	0.00	0.00	99.00	0.00	74.00
IW-IP	IS-POND	0.00	0.00	0.00	0.00	74.00	0.00	54.90
M-IP	IS-POND	0.00	0.00	0.00	0.00	69.00	0.00	54.90

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [1]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Link Maximum Conditions - 10YEAR **********

(Time units - hours)

Link Name	Group Name	Max Time Flow	Max Flow (cfs)	Max Delta Q (cfs)	Max Time U/S Stage	Max US Stage (ft)	Max Time D/S Stage	Max DS Stage (ft)
S-IP-C	SENECA	96.31	31.78	3.21	96.31	75.36	96.31	74.67
S-IP-W	SENECA	0.00	0.00	0.00	96.31	75.36	950.00	64.99
SC-S	SENECA	0.00	0.00	0.00	100.17	118.44	96.31	75.36
SE-S	SENECA	63.45	55.06	0.01	63.45	80.92	96.31	75.36
SNW-S	SENECA	0.00	0.00	0.00	61.21	118.43	96.31	75.36
SNW-S-C	SENECA	61.21	174.37	-0.02	61.21	118.43	61.17	116.02
SS-IP	SENECA	61.94	58.31	0.01	61.94	68.22	950.00	64.99
SW-S	SENECA	61.37	75.76	0.02	61.37	90.88	96.31	75.36
SWP-SW	SENECA	0.00	0.00	0.00	97.17	145.53	61.37	90.88
WD-IPSSW	SENECA	0.00	0.00	0.00	97.17	114.82	96.03	86.29
44E-44S	IS-POND	0.00	0.00	-0.03	60.21	69.31	60.15	70.79
44S-SWMP	IS-POND	0.00	0.00	0.00	60.15	70.79	0.00	74.00
44W-44E	IS-POND	0.00	0.00	-0.03	63.33	68.46	60.21	69.31
44W-44S	IS-POND	0.00	0.00	0.00	63.33	68.46	60.15	70.79
IE-44W	IS-POND	0.00	0.00	-0.00	950.00	64.99	63.33	68.46
IE-IFE	IS-POND	0.00	0.00	-0.04	950.00	64.99	60.38	68.45
IFE-44W	IS-POND	60.38	1.07	-0.00	60.38	68.45	63.33	68.46
IP-IE-C1	IS-POND	128.90	0.03	0.02	950.00	64.99	950.00	64.99
IP-IE-C2	IS-POND	128.90	0.03	0.02	950.00	64.99	950.00	64.99
IP-IE-W	IS-POND	154.76	0.67	-0.14	950.00	64.99	950.00	64.99
ISE-IP	IS-POND	0.00	0.00	0.00	99.00	67.21	950.00	64.99
ISSW-IP	IS-POND	96.03	5.10	-0.00	96.03	86.29	950.00	64.99
ISW-IP	IS-POND	0.00	0.00	0.00	98.50	106.60	950.00	64.99
ISW-IW	IS-POND	0.00	0.00	0.00	98.50	106.60	0.00	74.00
IW-IP	IS-POND	0.00	0.00	0.00	0.00	74.00	950.00	64.99
N-IP	IS-POND	0.00	0.00	0.00	98.00	76.09	950.00	64.99

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [1]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Link Minimum Conditions - SOYEAR **********

(Time units - hours)

Link Name	Group Name	Min Time Flow	Min Flow (cfs)	Min Delta Q (cfs)	Min Time U/S Stage	Min US Stage (ft)	Min Time D/S Stage	Min DS Stage (ft)
S-IP-C	SENECA	0.00	0.00	0.00	0.00	72.84	0.00	54.90
S-IP-W	SENECA	0.00	0.00	0.00	0.00	72.84	0.00	54.90
SC-S	SENECA	0.00	0.00	0.00	0.00	102.00	0.00	72.84
SE-S	SENECA	0.00	0.00	0.00	0.00	75.00	0.00	72.84
SNW-S	SENECA	0.00	0.00	0.00	0.00	112.40	0.00	72.84
SNW-S-C	SENECA	0.00	0.00	0.00	0.00	112.40	0.00	72.84
SS-IP	SENECA	98.34	-5.70	0.00	0.00	64.00	0.00	54.90
SW-S	SENECA	0.00	0.00	0.00	0.00	83.00	0.00	72.84
SWP-SW	SENECA	0.00	0.00	0.00	0.00	144.00	0.00	83.00
WD-IPSSW	SENECA	0.00	0.00	0.00	0.00	109.00	0.00	79.00
44E-44S	IS-POND	60.12	-215.75	0.00	0.00	68.10	0.00	69.00
44S-SWMP	IS-POND	0.00	0.00	0.00	0.00	69.00	0.00	74.00
44W-44E	IS-POND	60.16	-370.63	0.00	0.00	65.00	0.00	68.10
44W-44S	IS-POND	0.00	0.00	0.00	0.00	65.00	0.00	69.00
IE-44W	IS-POND	61.11	-203.11	0.00	0.00	54.90	0.00	65.00
IE-IFE	IS-POND	60.39	-608.66	0.00	0.00	54.90	0.00	67.70
IFE-44W	IS-POND	61.11	-22.68	0.00	0.00	67.70	0.00	65.00
IP-IE-C1	IS-POND	60.09	-20.22	0.00	0.00	54.90	0.00	54.90
IP-IE-C2	IS-POND	59.98	-17.13	0.00	0.00	54.90	0.00	54.90
IP-IE-W	IS-POND	60.30	-1412.13	0.00	0.00	54.90	0.00	54.90
ISE-IP	IS-POND	0.00	0.00	0.00	0.00	62.00	0.00	54.90
ISSW-IP	IS-POND	0.00	0.00	0.00	0.00	79.00	0.00	54.90
ISW-IP	IS-POND	0.00	0.00	0.00	0.00	99.00	0.00	54.90
ISW-IW	IS-POND	0.00	0.00	0.00	0.00	99.00	0.00	74.00
IW-IP	IS-POND	0.00	0.00	0.00	0.00	74.00	0.00	54.90
M-IP	IS-POND	0.00	0.00	0.00	0.00	69.00	0.00	54.90

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [1]
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Seneca Lake & Island Pond
(All Elevations NAVD 88)
96 Hour Storm

********** Link Maximum Conditions - 50YEAR **********

(Time units - hours)

Link Name	Group Name	Max Time Flow	Max Flow (cfs)	Max Delta Q (cfs)	Max Time U/S Stage	Max US Stage (ft)	Max Time D/S Stage	Max DS Stage (ft)
S-IP-C	SENECA	73.46	76.18	-3.21	73.46	77.17	72.62	75.57
S-IP-W	SENECA	0.00	0.00	0.00	73.46	77.17	950.00	68.49
SC-S	SENECA	0.00	0.00	0.00	100.17	122.60	73.46	77.17
SE-S	SENECA	61.45	302.10	-0.04	61.45	81.92	73.46	77.17
SNW-S	SENECA	0.00	0.00	0.00	61.89	119.67	73.46	77.17
SNW-S-C	SENECA	61.89	214.35	0.02	61.89	119.67	61.78	116.09
SS-IP	SENECA	60.78	280.50	4.27	950.00	68.49	950.00	68.49
SW-S	SENECA	60.44	340.47	0.10	60.44	91.56	73.46	77.17
SWP-SW	SENECA	0.00	0.00	0.00	97.17	146.44	60.44	91.56
WD-IPSSW	SENECA	0.00	0.00	0.00	97.17	117.67	62.00	86.93
44E-44S	IS-POND	0.00	0.00	-0.04	60.16	69.63	60.12	70.95
44S-SWMP	IS-POND	0.00	0.00	0.00	60.12	70.95	0.00	74.00
44W-44E	IS-POND	238.03	0.16	-0.07	61.11	69.28	60.16	69.63
44W-44S	IS-POND	0.00	0.00	0.00	61.11	69.28	60.12	70.95
IE-44W	IS-POND	171.68	1.90	-0.03	950.00	68.49	61.11	69.28
IE-IFE	IS-POND	146.42	0.87	-0.71	950.00	68.49	60.39	68.72
IFE-44W	IS-POND	60.29	4.20	-0.03	60.39	68.72	61.11	69.28
IP-IE-C1	IS-POND	109.66	0.05	-0.02	950.00	68.49	950.00	68.49
IP-IE-C2	IS-POND	109.66	0.05	-0.02	950.00	68.49	950.00	68.49
IP-IE-W	IS-POND	111.16	6.10	-0.32	950.00	68.49	950.00	68.49
ISE-IP	IS-POND	0.00	0.00	0.00	99.00	68.86	950.00	68.49
ISSW-IP	IS-POND	62.00	91.22	0.02	62.00	86.93	950.00	68.49
ISW-IP	IS-POND	0.00	0.00	0.00	98.50	110.98	950.00	68.49
ISW-IW	IS-POND	0.00	0.00	0.00	98.50	110.98	0.00	74.00
IW-IP	IS-POND	0.00	0.00	0.00	0.00	74.00	950.00	68.49
M-IP	IS-POND	0.00	0.00	0.00	98.00	79.03	950.00	68.49

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [1]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Link Minimum Conditions - 100YEAR **********

(Time units - hours)

Link Name	Group Name	Min Time Flow	Min Flow (cfs)	Min Delta Q (cfs)	Min Time U/S Stage	Min US Stage (ft)	Min Time D/S Stage	Min DS Stage (ft)
S-IP-C	SENECA	0.00	0.00	0.00	0.00	72.84	0.00	54.90
S-IP-W	SENECA	0.00	0.00	0.00	0.00	72.84	0.00	54.90
SC-S	SENECA	0.00	0.00	0.00	0.00	102.00	0.00	72.84
SE-S	SENECA	0.00	0.00	0.00	0.00	75.00	0.00	72.84
SNW-S	SENECA	0.00	0.00	0.00	0.00	112.40	0.00	72.84
SNW-S-C	SENECA	0.00	0.00	0.00	0.00	112.40	0.00	72.84
SS-IP	SENECA	97.84	-6.09	0.00	0.00	64.00	0.00	54.90
SW-S	SENECA	0.00	0.00	0.00	0.00	83.00	0.00	72.84
SWP-SW	SENECA	0.00	0.00	0.00	0.00	144.00	0.00	83.00
WD-IPSSW	SENECA	0.00	0.00	0.00	0.00	109.00	0.00	79.00
44E-44S	IS-POND	60.12	-256.02	0.00	0.00	68.10	0.00	69.00
44S-SWMP	IS-POND	0.00	0.00	0.00	0.00	69.00	0.00	74.00
44W-44E	IS-POND	60.14	-445.18	0.00	0.00	65.00	0.00	68.10
44W-44S	IS-POND	0.00	0.00	0.00	0.00	65.00	0.00	69.00
IE-44W	IS-POND	60.81	-292.71	0.00	0.00	54.90	0.00	65.00
IE-IFE	IS-POND	60.37	-756.38	0.00	0.00	54.90	0.00	67.70
IFE-44W	IS-POND	60.81	-89.88	0.00	0.00	67.70	0.00	65.00
IP-IE-C1	IS-POND	59.88	-19.59	0.00	0.00	54.90	0.00	54.90
IP-IE-C2	IS-POND	59.88	-16.40	0.00	0.00	54.90	0.00	54.90
IP-IE-W	IS-POND	60.33	-1805.25	0.00	0.00	54.90	0.00	54.90
ISE-IP	IS-POND	0.00	0.00	0.00	0.00	62.00	0.00	54.90
ISSW-IP	IS-POND	0.00	0.00	0.00	0.00	79.00	0.00	54.90
ISW-IP	IS-POND	0.00	0.00	0.00	0.00	99.00	0.00	54.90
ISW-IW	IS-POND	0.00	0.00	0.00	0.00	99.00	0.00	74.00
IW-IP	IS-POND	0.00	0.00	0.00	0.00	74.00	0.00	54.90
M-IP	IS-POND	0.00	0.00	0.00	0.00	69.00	0.00	54.90

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [1]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Link Maximum Conditions - 100YEAR **********

(Time units - hours)

Link Name	Group Name	Max Time Flow	Max Flow (cfs)	Max Delta Q (cfs)	Max Time U/S Stage	Max US Stage (ft)	Max Time D/S Stage	Max DS Stage (ft)
S-IP-C	SENECA	73.11	94.38	3.21	73.11	77.98	72.61	75.71
S-IP-W	SENECA	0.00	0.00	0.00	73.11	77.98	950.00	69.61
SC-S	SENECA	92.30	2.89	0.00	92.30	123.00	73.11	77.98
SE-S	SENECA	61.17	440.96	-0.06	61.17	82.30	73.11	77.98
SNW-S	SENECA	0.00	0.00	0.00	62.15	119.93	73.11	77.98
SNW-S-C	SENECA	62.15	221.90	0.03	62.15	119.93	61.92	116.10
SS-IP	SENECA	60.61	397.03	9.03	950.00	69.61	950.00	69.61
SW-S	SENECA	60.35	453.27	0.10	60.35	91.76	73.11	77.98
SWP-SW	SENECA	0.00	0.00	0.00	97.17	146.81	60.35	91.76
WD-IPSSW	SENECA	0.00	0.00	0.00	97.17	118.75	61.30	87.26
44E-44S	IS-POND	0.00	0.00	-0.06	60.14	69.73	60.12	71.01
44S-SWMP	IS-POND	0.00	0.00	0.00	60.12	71.01	0.00	74.00
44W-44E	IS-POND	103.83	0.73	-0.69	950.00	69.61	60.14	69.73
44W-44S	IS-POND	0.00	0.00	0.00	950.00	69.61	60.12	71.01
IE-44W	IS-POND	102.79	5.45	-0.62	950.00	69.61	950.00	69.61
IE-IFE	IS-POND	337.23	2.02	-3.99	950.00	69.61	950.00	69.61
IFE-44W	IS-POND	60.11	3.74	0.10	950.00	69.61	950.00	69.61
IP-IE-C1	IS-POND	101.57	0.08	0.03	950.00	69.61	950.00	69.61
IP-IE-C2	IS-POND	101.57	0.08	0.03	950.00	69.61	950.00	69.61
IP-IE-W	IS-POND	101.79	18.13	0.66	950.00	69.61	950.00	69.61
ISE-IP	IS-POND	0.00	0.00	0.00	99.00	69.49	950.00	69.61
ISSW-IP	IS-POND	61.30	196.37	0.03	61.30	87.26	950.00	69.61
ISW-IP	IS-POND	0.00	0.00	0.00	98.50	112.75	950.00	69.61
ISW-IW	IS-POND	0.00	0.00	0.00	98.50	112.75	0.00	74.00
IW-IP	IS-POND	0.00	0.00	0.00	0.00	74.00	950.00	69.61
M-IP	IS-POND	0.00	0.00	0.00	98.00	80.03	950.00	69.61

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.11) [1]
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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Link Minimum Conditions - 500YEAR **********

(Time units - hours)

Link Name	Group Name	Min Time flow	Min Flow (cfs)	Min Delta Q (cfs)	Min Time U/S Stage	Min US Stage (ft)	Min Time D/S Stage	Min DS Stage (ft)
S-IP-C	SENECA	0.00	0.00	0.00	0.00	72.84	0.00	54.90
S-IP-W	SENECA	0.00	0.00	0.00	0.00	72.84	0.00	54.90
SC-S	SENECA	0.00	0.00	0.00	0.00	102.00	0.00	72.84
SE-S	SENECA	0.00	0.00	0.00	0.00	75.00	0.00	72.84
SNW-S	SENECA	0.00	0.00	0.00	0.00	112.40	0.00	72.84
SNW-S-C	SENECA	0.00	0.00	0.00	0.00	112.40	0.00	72.84
SS-IP	SENECA	66.10	-22.08	0.00	0.00	64.00	0.00	54.90
SW-S	SENECA	0.00	0.00	0.00	0.00	83.00	0.00	72.84
SWP-SW	SENECA	0.00	0.00	0.00	0.00	144.00	0.00	83.00
WD-IPSSW	SENECA	0.00	0.00	0.00	0.00	109.00	0.00	79.00
44E-44S	IS-POND	60.11	-347.68	0.00	0.00	68.10	0.00	69.00
44S-SNWP	IS-POND	0.00	0.00	0.00	0.00	69.00	0.00	74.00
44W-44E	IS-POND	60.11	-613.09	0.00	0.00	65.00	0.00	68.10
44W-44S	IS-POND	0.00	0.00	0.00	0.00	65.00	0.00	69.00
IE-44W	IS-POND	60.46	-453.64	0.00	0.00	54.90	0.00	65.00
IE-IFE	IS-POND	60.41	-1365.88	0.00	0.00	54.90	0.00	67.70
IFE-44W	IS-POND	60.46	-363.12	0.00	0.00	67.70	0.00	65.00
IP-IE-C1	IS-POND	58.00	-17.75	0.00	0.00	54.90	0.00	54.90
IP-IE-C2	IS-POND	57.12	-15.29	0.00	0.00	54.90	0.00	54.90
IP-IE-W	IS-POND	60.38	-2941.46	0.00	0.00	54.90	0.00	54.90
ISE-IP	IS-POND	92.78	-27.65	0.00	0.00	62.00	0.00	54.90
ISSW-IP	IS-POND	0.00	0.00	0.00	0.00	79.00	0.00	54.90
ISW-IP	IS-POND	0.00	0.00	0.00	0.00	99.00	0.00	54.90
ISW-IW	IS-POND	0.00	0.00	0.00	0.00	99.00	0.00	74.00
IW-IP	IS-POND	0.00	0.00	0.00	0.00	74.00	0.00	54.90
M-IP	IS-POND	0.00	0.00	0.00	0.00	69.00	0.00	54.90

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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Link Maximum Conditions - 500YEAR **********

(Time units - hours)

Link Name	Group Name	Max Time Flow	Max Flow (cfs)	Max Delta Q (cfs)	Max Time U/S Stage	Max US Stage (ft)	Max Time D/S Stage	Max DS Stage (ft)
S-IP-C	SENECA	66.30	117.81	37.07	66.30	79.24	66.04	75.78
S-IP-W	SENECA	66.30	269.34	0.10	66.30	79.24	950.00	71.58
SC-S	SENECA	62.86	36.13	0.04	62.86	123.21	66.30	79.24
SE-S	SENECA	60.87	766.03	0.18	60.87	83.01	66.30	79.24
SNW-S	SENECA	0.00	0.00	0.00	62.68	120.44	66.30	79.24
SNW-S-C	SENECA	62.68	235.93	-0.03	62.68	120.44	62.59	116.11
SS-IP	SENECA	60.49	630.27	23.63	950.00	71.58	950.00	71.58
SW-S	SENECA	60.30	648.43	0.10	60.30	92.06	66.30	79.24
SWP-SW	SENECA	0.00	0.00	0.00	97.17	147.60	60.30	92.06
WD-IPSSW	SENECA	92.07	2.02	0.01	92.07	120.13	60.67	87.84
44E-44S	IS-POND	162.82	2.51	-4.37	950.00	71.58	950.00	71.58
44S-SWMP	IS-POND	0.00	0.00	0.00	950.00	71.58	0.00	74.00
44W-44E	IS-POND	949.99	6.95	-8.09	950.00	71.58	950.00	71.58
44W-44S	IS-POND	0.00	0.00	0.00	950.00	71.58	950.00	71.58
IE-44W	IS-POND	73.60	9.44	-3.63	950.00	71.58	950.00	71.58
IE-IFE	IS-POND	949.93	9.40	-16.25	950.00	71.58	950.00	71.58
IFE-44W	IS-POND	96.85	6.55	6.79	950.00	71.58	950.00	71.58
IP-IE-C1	IS-POND	73.44	0.10	0.04	950.00	71.58	950.00	71.58
IP-IE-C2	IS-POND	73.44	0.10	0.04	950.00	71.58	950.00	71.58
IP-IE-W	IS-POND	73.51	30.06	7.81	950.00	71.58	950.00	71.58
ISE-IP	IS-POND	88.36	32.11	-7.43	950.00	71.58	950.00	71.58
ISSW-IP	IS-POND	60.67	508.90	0.09	60.67	87.84	950.00	71.58
ISW-IP	IS-POND	68.48	1.24	0.00	68.48	114.04	950.00	71.58
ISW-IW	IS-POND	68.48	11.07	0.03	68.48	114.04	950.00	77.39
IW-IP	IS-POND	0.00	0.00	0.00	950.00	77.39	950.00	71.58
M-IP	IS-POND	0.00	0.00	0.00	98.00	81.78	950.00	71.58

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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Node Maximum Conditions - 10YEAR **********

(Time units - hours)

Node Name	Group Name	Max Time Conditions	Max Stage (ft)	Warning Stage (ft)	Max Delta Stage (ft)	Max Surface Area (sf)	Max Time Inflow	Max Inflow (cfs)	Max Time Outflow	Max Outflow (cfs)
SEN-SWMP	SENECA	0.00	74.00	74.40	0.0000	0.00	0.00	0.00	0.00	0.00
SEN-CEM	SENECA	100.17	118.44	125.00	0.0005	113215.77	60.33	73.00	0.00	0.00
SEN-E	SENECA	63.45	80.92	99.00	0.0002	744716.56	60.42	369.87	63.45	55.06
SEN-NW	SENECA	61.21	118.43	123.00	0.0004	31741.57	61.08	178.65	61.21	174.37
SEN-S	SENECA	61.94	66.22	79.00	0.0001	698220.19	60.25	260.19	61.94	58.31
SEN-W	SENECA	61.37	90.88	109.00	0.0003	244602.92	60.37	232.44	61.37	75.76
SEN-WP	SENECA	97.17	145.53	154.00	0.0001	861303.70	60.00	171.58	0.00	0.00
SENECA	SENECA	96.31	75.36	91.00	0.0001	4923862.56	60.33	808.14	96.31	31.78
IP-E	IS-POND	950.00	64.99	79.00	0.0005	781357.54	60.08	526.57	0.00	0.00
IP-ESE	IS-POND	0.00	64.00	79.00	0.0000	17424.00	0.00	0.00	0.00	0.00
IP-FE	IS-POND	60.38	68.45	84.00	-0.0001	216055.33	60.00	49.70	60.38	1.07
IP-S	IS-POND	97.83	67.29	79.00	0.0001	2188615.80	60.08	691.04	0.00	0.00
IP-SE	IS-POND	99.00	67.21	74.00	0.0002	2819229.41	60.25	734.55	0.00	0.00
IP-SSW	IS-POND	96.03	86.29	94.00	0.0002	507686.16	60.17	269.09	96.03	5.10
IP-SW	IS-POND	98.50	106.60	124.00	0.0002	173390.88	60.17	120.97	0.00	0.00
IP-W	IS-POND	0.00	74.00	94.00	0.0000	104544.00	0.00	0.00	0.00	0.00
IS-POND	IS-POND	950.00	64.99	79.00	0.0002	6624550.30	60.17	1582.04	154.76	0.73
LK-WOODS	IS-POND	97.17	114.82	129.00	0.0004	89771.44	60.00	55.88	0.00	0.00
MADGE	IS-POND	98.00	76.09	94.00	0.0002	202000.78	60.17	91.74	0.00	0.00
SR44-E	IS-POND	60.21	69.31	79.00	0.0002	167713.99	59.76	36.31	0.00	0.00
SR44-S	IS-POND	60.15	70.79	79.00	0.0002	171851.93	59.79	43.91	0.00	0.00
SR44-W	IS-POND	63.33	68.46	74.00	0.0001	381928.86	60.17	208.02	0.00	0.00

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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Node Maximum Conditions - 50YEAR **********

(Time Units - hours)

Node Name	Group Name	Max Time Conditions	Max Stage (ft)	Warning Stage (ft)	Max Delta Stage (ft)	Max Surface Area (sf)	Max Time Inflow	Max Inflow (cfs)	Max Time Outflow	Max Outflow (cfs)
SEN-SWMP	SENECA	0.00	74.00	74.40	0.0000	0.00	0.00	0.00	0.00	0.00
SEN-CEM	SENECA	100.17	122.60	125.00	0.0005	199444.02	60.33	122.04	0.00	0.00
SEN-E	SENECA	61.45	81.92	99.00	0.0002	784213.57	60.33	648.41	61.45	302.10
SEN-NW	SENECA	61.89	119.67	123.00	-0.0005	699747.78	60.92	284.25	61.89	214.35
SEN-S	SENECA	950.00	68.49	79.00	0.0002	953644.78	60.25	473.05	60.78	280.50
SEN-W	SENECA	60.44	91.56	109.00	0.0004	261017.62	60.17	416.10	60.44	340.47
SEN-WP	SENECA	97.17	146.44	154.00	0.0001	1044606.73	60.00	304.70	0.00	0.00
SENECA	SENECA	73.46	77.17	91.00	0.0002	5320975.83	60.42	1670.64	73.46	76.18
IP-E	IS-POND	950.00	68.49	79.00	0.0005	2127070.88	59.80	445.80	171.53	2.15
IP-ESE	IS-POND	0.00	64.00	79.00	0.0000	17424.00	0.00	0.00	0.00	0.00
IP-FE	IS-POND	60.39	68.72	84.00	0.0001	240117.43	60.00	76.07	60.29	4.20
IP-S	IS-POND	97.83	69.03	79.00	0.0002	2867196.25	60.08	1256.46	0.00	0.00
IP-SE	IS-POND	99.00	68.86	74.00	0.0002	3769490.37	60.25	1272.59	0.00	0.00
IP-SSW	IS-POND	62.00	86.93	94.00	0.0003	533660.70	60.17	486.66	62.00	91.22
IP-SW	IS-POND	98.50	110.98	124.00	0.0004	213080.89	60.17	215.59	0.00	0.00
IP-W	IS-POND	0.00	74.00	94.00	0.0000	104544.00	0.00	0.00	0.00	0.00
IS-POND	IS-POND	950.00	68.49	79.00	0.0003	10730771.29	60.17	2897.23	111.16	6.21
LK-WOODS	IS-POND	97.17	117.67	129.00	0.0004	129532.72	60.00	106.90	0.00	0.00
MADGE	IS-POND	98.00	79.03	94.00	0.0004	316651.66	60.17	188.55	0.00	0.00
SR44-E	IS-POND	60.16	69.63	79.00	0.0002	179225.73	59.73	23.00	0.00	0.00
SR44-S	IS-POND	60.12	70.95	79.00	0.0001	181481.17	59.76	55.67	0.00	0.00
SR44-W	IS-POND	61.11	69.28	74.00	0.0002	1066461.03	60.17	358.41	238.03	0.16

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Seneca Lake & Island Pond
(All Elevations NAVD '88)
96 Hour Storm

********** Node Maximum Conditions - 100YEAR **********

(Time units - hours)

Node Name	Group Name	Max Time Conditions	Max Stage (ft)	Warning Stage (ft)	Max Delta Stage (ft)	Max Surface Area (sf)	Max Time Inflow	Max Inflow (cfs)	Max Time Outflow	Max Outflow (cfs)
SEM-SWMP	SENECA	0.00	74.00	74.40	0.0000	0.00	0.00	0.00	0.00	0.00
SEN-CEM	SENECA	92.30	123.00	125.00	0.0005	209047.70	60.33	143.69	92.30	2.89
SEN-E	SENECA	61.17	82.30	99.00	0.0003	798700.08	60.33	773.94	61.17	440.96
SEN-NW	SENECA	62.15	119.93	123.00	-0.0005	958189.20	60.92	330.49	62.15	221.90
SEN-S	SENECA	950.00	69.61	79.00	0.0002	1062824.49	60.25	569.48	60.61	397.03
SEN-W	SENECA	60.35	91.76	109.00	0.0004	265649.74	60.17	498.89	60.35	453.27
SEN-WP	SENECA	97.17	146.81	154.00	0.0001	1119219.09	60.00	364.53	0.00	0.00
SENECA	SENECA	73.11	77.98	91.00	0.0002	5500278.20	60.42	2124.70	73.11	94.38
IP-E	IS-POND	950.00	69.61	79.00	0.0005	2655197.66	59.78	167.36	102.87	6.78
IP-ESE	IS-POND	0.00	64.00	79.00	0.0000	17424.00	0.00	0.00	0.00	0.00
IP-FE	IS-POND	950.00	69.61	84.00	0.0001	320587.87	59.99	87.34	60.11	3.74
IP-S	IS-POND	97.83	69.70	79.00	0.0002	3200502.47	60.08	1512.55	0.00	0.00
IP-SE	IS-POND	99.00	69.49	74.00	0.0002	4142073.99	60.25	1512.61	0.00	0.00
IP-SSW	IS-POND	61.30	87.26	94.00	0.0004	547281.03	60.17	585.05	61.30	196.37
IP-SW	IS-POND	98.50	112.75	124.00	0.0005	229111.16	60.17	258.17	0.00	0.00
IP-W	IS-POND	0.00	74.00	94.00	0.0000	104544.00	0.00	0.00	0.00	0.00
IS-POND	IS-POND	950.00	69.61	79.00	0.0004	11886474.61	60.17	3611.98	101.78	18.30
LK-WOODS	IS-POND	97.17	118.75	129.00	0.0005	144577.23	60.00	130.38	0.00	0.00
MADGE	IS-POND	98.00	80.03	94.00	0.0005	416908.36	60.17	234.13	0.00	0.00
SR44-E	IS-POND	60.14	69.73	79.00	0.0003	182997.47	59.72	20.77	0.00	0.00
SR44-S	IS-POND	60.12	71.01	79.00	0.0002	185080.53	59.75	62.53	0.00	0.00
SR44-W	IS-POND	950.00	69.61	74.00	0.0002	1171485.88	60.08	379.31	103.83	0.73

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96 Hour Storm

********** Node Maximum Conditions - 500YEAR **********

(Time units - hours)

Node Name	Group Name	Max Time Conditions	Max Stage (ft)	Warning Stage (ft)	Max Delta Stage (ft)	Max Surface Area (sf)	Max Time Inflow	Max Inflow (cfs)	Max Time Outflow	Max Outflow (cfs)
SEN-SWMP	SENECA	0.00	74.00	74.40	0.0000	0.00	0.00	0.00	0.00	0.00
SEN-CEN	SENECA	62.86	123.21	125.00	0.0005	218920.20	60.33	192.90	62.86	36.13
SEN-E	SENECA	60.87	83.01	99.00	-0.0003	825985.11	60.33	1061.35	60.87	766.03
SEN-NW	SENECA	62.68	120.44	123.00	-0.0005	1459875.55	60.92	435.19	62.68	235.93
SEN-S	SENECA	950.00	71.58	79.00	0.0003	1233117.95	60.25	791.52	60.49	630.27
SEN-W	SENECA	60.30	92.06	109.00	0.0004	272548.21	60.17	688.96	60.30	648.43
SEN-WP	SENECA	97.17	147.60	154.00	0.0001	1277138.81	60.00	501.64	0.00	0.00
SENECA	SENECA	66.30	79.24	91.00	0.0003	5759534.37	60.41	3161.47	66.30	387.14
IP-E	IS-POND	950.00	71.58	79.00	0.0005	3742315.65	59.76	95.86	589.86	11.07
IP-ESE	IS-POND	0.00	64.00	79.00	0.0000	17424.00	0.00	0.00	0.00	0.00
IP-FE	IS-POND	950.00	71.58	84.00	0.0002	499476.26	59.94	99.25	96.85	6.55
IP-S	IS-POND	97.83	71.06	79.00	0.0002	3837992.84	60.08	2102.06	0.00	0.00
IP-SE	IS-POND	950.00	71.58	74.00	0.0002	5390396.34	60.25	2060.73	88.36	32.11
IP-SSW	IS-POND	60.67	87.84	94.00	0.0003	571188.29	60.17	811.36	60.67	508.90
IP-SW	IS-POND	68.48	114.04	124.00	0.0005	240808.25	60.17	355.86	68.48	12.30
IP-W	IS-POND	950.00	77.39	94.00	0.0003	225783.87	68.48	11.07	0.00	0.00
IS-POND	IS-POND	950.00	71.58	79.00	0.0004	13714960.21	60.17	5252.54	73.51	30.27
LK-WOODS	IS-POND	92.07	120.13	129.00	0.0005	175576.97	60.00	184.96	92.07	2.02
MADGE	IS-POND	98.00	81.78	94.00	0.0005	592353.23	60.17	341.52	0.00	0.00
SR44-E	IS-POND	950.00	71.58	79.00	0.0003	248969.64	59.70	14.44	162.82	2.51
SR44-S	IS-POND	950.00	71.58	79.00	0.0002	220575.92	59.75	76.76	0.00	0.00
SR44-W	IS-POND	950.00	71.58	74.00	0.0002	1809652.71	60.00	307.66	949.99	6.95

Lake Pattonasie
Seneca Wetland
Seneca West
Seneca NW
Seneca N
Lake Ridge
Lake Seneca
Island Pond
Seneca South
Seneca Cemetery
Seneca East
IP SW
IP West
IP SSW
IP SE
IP East
IP Far East
SLHHP West
SLHHP East
SLHHP South
Lake Tuttle
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