



DAMES & MOORE

**CERTIFICATION # 89-25
WETLAND RESTORATION PLAN
FOR
THE MYRTLE SLOUGH BASIN ON
THE CECIL M. WEBB WILDLIFE MANAGEMENT AREA
CHARLOTTE COUNTY, FLORIDA**

Prepared For:

SEMINOLE ELECTRIC COOPERATIVE

NOVEMBER 1991

**CERTIFICATION # PA-25
WETLAND RESTORATION PLAN
FOR
THE MYRTLE SLOUGH BASIN
ON THE CECIL M. WEBB WILDLIFE MANAGEMENT AREA
CHARLOTTE COUNTY, FLORIDA**

Prepared For:

SEMINOLE ELECTRIC COOPERATIVE

Prepared By:

**DAMES & MOORE
ONE NORTH DALE MABRY, SUITE 700
TAMPA, FLORIDA 33609**

NOVEMBER 1991

**Michael E. Mills, P.E.
FL Reg. No. 43359**

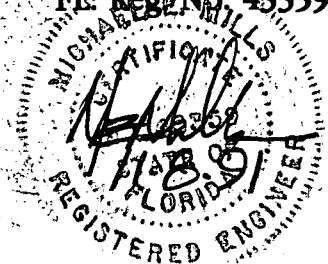


TABLE OF CONTENTS

I.	Introduction	1
II.	Project Overview	1
III.	Basis of Analysis	
	A. Runoff Curve Numbers	1
	B. Rainfall Intensity Amounts	2
	1. Rainfall Contour Map 1	3
	C. Historic Wetland Hydroperiod Establishment	4
	D. Tailwater Conditions	4
	E. Design Criteria	4
	F. Groundwater Drawdown	5
IV.	Project Summary	
	1. Proposed Conditions Basin Data Summary	
	2. Proposed Conditions Lake Data Summary	
	3. Drawdown Summary Table	
V.	Appendix	
	Proposed Conditions Basin Information	
	Proposed Conditions Hydrology and Hydraulics 25-Year/24-Hour	
	Groundwater Drawdown Calculations	
	Velocity Calculations	
	Proposed Conditions Watershed Map	
VI.	Attachments	
	Construction Plans	

I. INTRODUCTION

The purpose of this analysis is to design drainage structures that will cause rehydration and promote the re-establishment of three dewatered wetland systems located in the Cecil M. Webb Wildlife Management Area, Charlotte County, Florida. The project wetland areas are located within the Myrtle Slough Watershed, south of SR 74 and east of an abandoned railroad grade. The plans were developed based upon input from Southwest Florida Water Management District (SWFWMD) and the Florida Department of Environmental Regulation (FDER), field visits by Dames & Moore environmental and engineering staff and review of the Water Management Study of Cecil M. Webb Wildlife Management Area produced by Johnson Engineering for the Florida Game and Fresh Water Fish Commission. Site specific survey data was utilized to field verify historic seasonal high water elevation and topography.

II. PROJECT OVERVIEW

In the early 1900's, a railroad grade was constructed north/south through what is now the Cecil M. Webb Wildlife Management Area. In order to construct the elevated grade and redirect the natural, east/west overland flow pattern around the railroad grade, a ditch was constructed along the east side of the elevated grade.

The overland flow discharging through the wetlands and into the ditch eroded the railroad ditch bank in several places. The eroded areas, over time, worked their way eastward up through the wetland sloughs, thus, producing meandering ditches or scours. The scours provided drainage relief, as did the railroad ditch and, consequently, caused dewatering of the existing wetlands.

This project proposes to restore three dewatered wetlands by utilizing ditch blocks within the scours and earthen berms along the railroad ditch's east top of bank to impound water within the historic wetland area. Particular design input has been obtained from the environmental staff of FDER and SWFWMD.

III. BASIS OF ANALYSIS

A. Runoff Curve Numbers:

Soil Conservation Service (SCS) runoff curve numbers (CN) were developed considering soil type and land cover. The soil types were predominantly Felda fine sands and Height fine sand which are both classified as B/D type soils. For the drainage calculations, curve numbers were assigned to the different land covers

based upon D type soils (poorly drained). The curve numbers used for the analysis are itemized below.

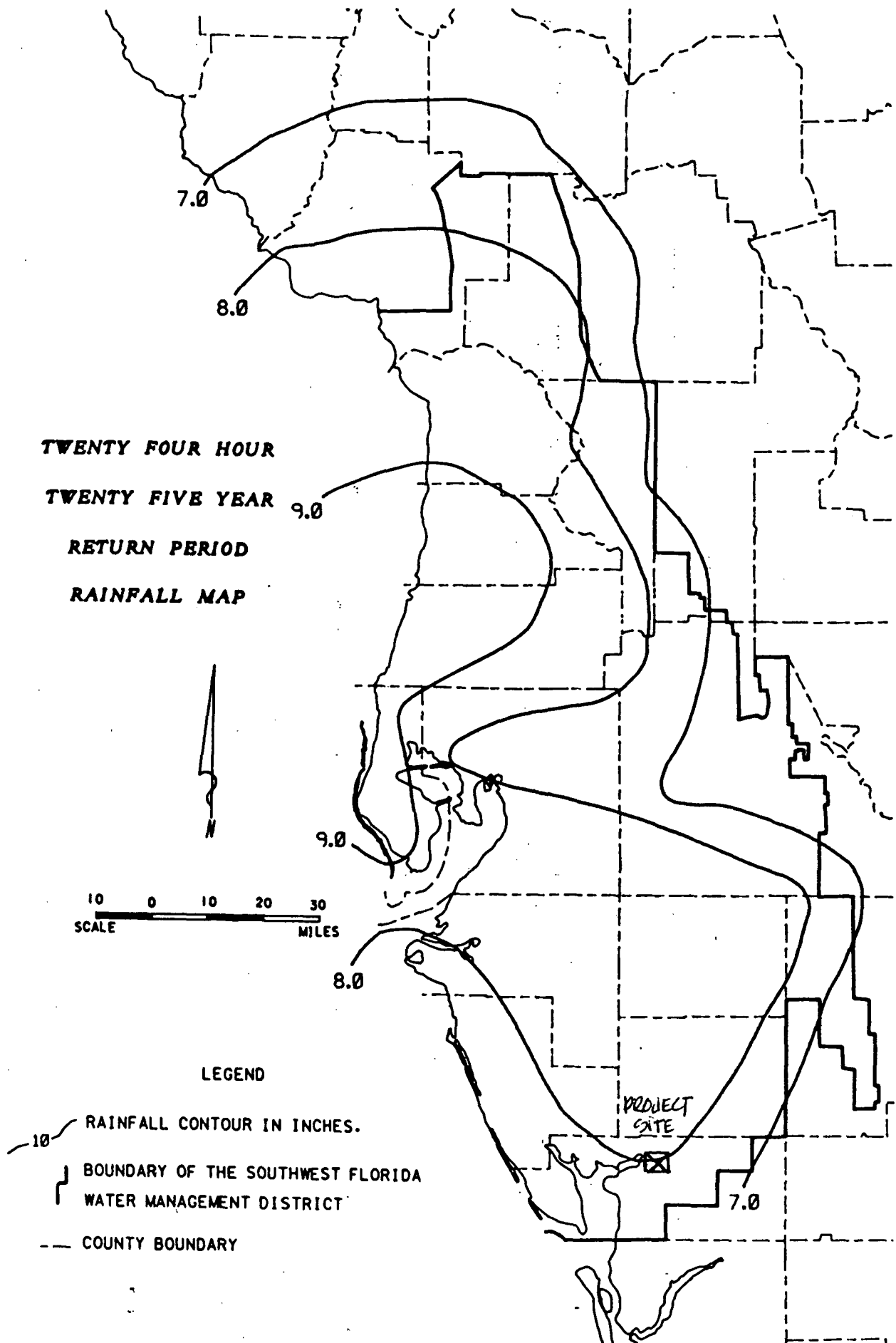
<u>LAND COVER</u>	<u>CN</u>
Pasture with sparse trees	80
Wetlands and ditches	95

Weighted curve numbers are provided in the Appendix of this report.

B. Rainfall Intensity Amounts:

The rainfall intensity amount for the 25-year/24-hour storm event was obtained from the rainfall intensity curves found in the Southwest Florida Water Management District Technical Manual. As interpreted from the 25-year/24-hour rainfall contour map, 8 inches of rainfall was used for the wetland restoration analysis. A copy of the rainfall contour map referenced is provided on the following page.

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT



C. Historic Wetland Hydroperiod Establishment:

Southwest Florida Water Management District aerial/topographic maps and Charlotte County aerial photographs were reviewed and ground truthed by biologists to preliminarily locate historic wetland delineations. The preliminary delineations were then field verified by Dames & Moore staff on two occasions. Rich Ganon, Dana West and Howard Knight of SWFWMD attended the second site visit and provided input regarding the delineations and design issues. The delineations were surveyed by FLD&E Surveying and based upon the spot elevations taken at the historic wetland delineation (saw palmetto delineation), seasonal high water levels were determined for each of the three sloughs. The seasonal high water levels are listed below.

<u>Slough #</u>	<u>Seasonal High</u>
1	26.1
2	25.2
3	24.2

The seasonal high water elevations were used as the initial stage in the hydrology and hydraulics analysis of each of the slough basins.

D. Tailwater Conditions:

The project area runs off into the existing railroad drainage ditch which flows north and ultimately into Myrtle Slough north of SR 74. This drainage system was analyzed by Johnson Engineering as part of their Cecil M. Webb Wildlife Management Area Water Management Study which was developed for the Florida Game and Fresh Water Fish Commission. Twenty-five year design high water elevations in the ditch were obtained from this study.

E. Design Criteria:

Specific criteria for use in the design of a wetland impoundment structure, as proposed, is not available from the applicable agencies involved in the review of this project. Therefore, Dames & Moore conducted meetings and telephone conversations with FDER and SWFWMD staff and has established the following design criteria for the wetland restoration project.

1. The impoundment structure will be an earthen berm set one foot above the 25-year high water elevation of the railroad ditch (the tailwater condition). No overtopping of the earthen berm will occur during a 25-year/24-hour storm event. The berm will extend across the entire historic wetland and beyond the wetland limits by at least 100 feet.

2. A trapezoidal weir with a 20 foot bottom width and 4:1 side slopes will be installed into the earthen berm at the location of the existing scour. The weir crest elevation will be set at the historic seasonal high water elevation. Consequently, no discharge will occur below the seasonal high water level. Drawdown of the impounded stormwater from seasonal high water level to existing grade will be accomplished by infiltration into the existing soils and evapo-transpiration.

3. A fish ladder will be constructed within the three scours and incorporated into the weir structures. The fish ladder will be constructed from the railroad ditch to the weir crest elevation at a 10:1 slope. The back side of the fish ladder will be sloped from the weir crest back down to the existing scour invert at 4:1.

A summary of the calculations are provided in the Proposed Conditions Basin Data Summary Table and the Proposed Conditions Wetland Data Summary Table. A modified version of the Watershed Map developed by Johnson Engineering for the Wildlife Area Study is provided in the back of this report. Reference the Appendix for backup calculations.

F. Groundwater Drawdown:

The railroad ditch causes drawdown of the groundwater resource. The radius of drawdown influence varies depending upon the soil type, the location of the drawdown source and the amount of drawdown. The SCS Soil Survey Manual for Charlotte County was researched to obtain soils characteristics needed to determine the radius of influence. Based upon the general soils information, and assuming a specific yield of 0.2 up to the wetland's seasonal high pool, the existing railroad ditch has an average radius of influence of approximately 225 feet during the rainy season. The results of the drawdown calculations are listed in Drawdown Summary Table. The drawdown calculations can be found in the Appendix of this report.

**PROPOSED CONDITIONS
BASIN DATA
SUMMARY**

BASIN	AREA (AC)	CN	Tc (MIN)	DESCRIPTION
1	103.0	86.0	108.9	Slough Basin 1
2	818.5	86.8	311.0	Slough Basin 2
3	145.2	86.0	76.1	Slough Basin 3
80	886.2	85.2	300.0	Contributing Basin to Basin 1
96	N/A	N/A	N/A	Tailwater Condition for Basin 1 & 80
97	N/A	N/A	N/A	Tailwater Condition for Basin 2
98	N/A	N/A	N/A	Tailwater Condition for Basin 3
99	N/A	N/A	N/A	Tailwater Condition for Basin 3

**PROPOSED CONDITIONS
WETLAND DATA
SUMMARY**

BASIN	HISTORIC SEASONAL HIGH WATER LEVEL (FT-MSL)	WEIR CREST ELEVATION (FT-MSL)	25YR/24HR DHW (FT-MSL)	25YR/24HR PEAK DISCHARGE (CFS)
1	26.10	26.10	27.97	116.04
2	25.20	25.20	26.70	92.79
3	24.20	24.20	26.03	37.42
80	N/A	N/A	28.31	N/A
96	24.0	N/A	27.80	N/A
97	24.0	N/A	26.50	N/A
98	20.90	N/A	26.00	N/A
99	20.90	N/A	26.00	N/A

- (1) Peak discharges listed pertain to the flow rate to be passed by the proposed weir structure, only.
- (2) All three weirs (1, 2 and 3) will be 20 foot trapezoidal structures with 4:1 side slopes.
- (3) Design high water elevations for basins 96, 97, 98 and 99 obtained from the Cecil M. Webb Wildlife Management Area Water Management Study, developed by Johnson Engineering for the Florida Game and Freshwater Fish Commission.

**PROPOSED CONDITIONS
DRAWDOWN SUMMARY**

SLOUGH BASIN	SOIL TYPE (SCS)	HYDRAULIC CONDUCTIVITY (GAL/DAY-SF)	PROPOSED WETLAND SEASONAL HIGH WATER LEVEL (FT-MSL)	DITCH SEASONAL HIGH WATER LEVEL (FT-MSL)	RADIUS OF INFLUENCE (FT)
1	Felda	77.76	26.1	24.0	227.49
2	Felda & Heights	77.76	25.2	24.0	222.78
3	Felda	77.76	24.2	20.9	222.78

SEMINOLE ELECTRIC - WETLAND ANALYSIS SLOUGH BASIN 1

- Basin Area = 103.0 AC
- Curve No. = Assume Uniform D-Type Soils
Land Cover includes pasture with sparse trees, marsh wetlands and ditches
Assume earthen berms in place

<u>LAND COVER</u>	<u>PERCENT COVERAGE</u>	<u>CN</u>
Wetland/Ditch	40%	95
Pasture	60%	80

- Weighted CN: $95 (.40) + 80 (.60) = 86.0$

- Time of Concentration:

Flow Length = 4900'
Avg. Slope = $(29.7 - 26.0)/4900 = 0.1\%$
Avg. Velocity = 45 FPM (30 FPM - Land, 60 FPM - Ditch)
Tc = 108.9 Min.

- Outfall To: Ditch - Basin 96 @ Elev. 26.1

- Stage/Storage:

<u>STAGE</u>	<u>AREA</u>	<u>STORAGE</u>
26.0	0.30	
27.0	2.54	1.42
28.0	67.90	36.64
29.0	94.35	117.76

- Tailwater: Reference Johnson Engineering Study
25-Year Peak Stage = 27.8'

SEMINOLE ELECTRIC - WETLAND ANALYSIS

SLOUGH BASIN 2

- Basin Area = 818.5 AC
- Curve No. = Assume Uniform D-Type Soils
Land Cover includes pasture with sparse trees, marsh wetlands and ditches
Assume earthen berm in place

<u>LAND COVER</u>	<u>PERCENT COVERAGE</u>	<u>CN</u>
Wetland/Ditch	45%	95
Pasture	55%	80

- Weighted CN: $95 (.45) + 80 (.55) = 86.8$

- Time of Concentration:

Flow Length = 14000'
 Avg. Slope = $(29.0 - 22.0)/14,000' = 0.17\%$
 Avg. Velocity = 45 FPM (30 FPM - Land, 60 FPM - Ditch)
 Tc = 311 Min.

- Outfall To: Ditch - Basin 97 @ Elev. 25.2
Scour Basin 3 @ Elev. 25.8' & @ Elev. 26.4'

- Stage/Storage:

<u>STAGE</u>	<u>AREA</u>	<u>STORAGE</u>
24.0	0.02	
25.0	14.00	7.01
26.0	74.56	51.29
27.0	283.09	230.12
28.0		

- Tailwater: Reference Johnson Engineering Study
25-Year Peak Stage = 26.5'

SEMINOLE ELECTRIC - WETLAND ANALYSIS

SLOUGH BASIN 3

- Basin Area = 145.2 AC
- Curve No. = Assume Uniform D-Type Soils
Land Cover includes pasture with sparse trees, marsh wetlands and ditches
Assume earthen berm in place

<u>LAND COVER</u>	<u>PERCENT COVERAGE</u>	<u>CN</u>
Wetland/Ditch	40%	95
Pasture	60%	80

- Weighted CN: $95 (.40) + 80 (.60) = 86$

- Time of Concentration:

Flow Length = 3500'
 Avg. Slope = $(26.8 - 20)/3500' = 0.2\%$
 Avg. Velocity = 46 FPM (32 FPM - Land, 60 FPM - Ditch)
 Tc = 76.1 Min

- Outfall To: Ditch - Basin 98 @ Elev. 24.2
North Basin - Basin 99 @ Elev. 24.3', 200' BCW

- Stage/Storage:

<u>STAGE</u>	<u>AREA</u>	<u>STORAGE</u>
18.0	0.01	
20.0	0.02	0.03
22.0	2.68	2.73
23.0	7.03	7.58
24.0	13.85	18.02
25.0	24.17	37.04
26.0	79.21	88.72
27.0	145.20	200.93

- Tailwater: Reference Johnson Engineering Study
25-Year Peak Stage = 26.0'

SEMINOLE ELECTRIC - WETLAND ANALYSIS

BASIN 80

- Basin Area = 886.2 AC
- Curve No. = Assume Uniform D-Type Soils
Land Cover includes pasture with sparse trees, marsh wetlands and ditches

<u>LAND COVER</u>	<u>PERCENT COVERAGE</u>	<u>CN</u>
Wetland/Ditch	35%	95
Pasture	65%	80

- Weighted CN: $95 (.35) + 80 (.65) = 85.2$

- Time of Concentration:

Flow Length = 13500'
 Avg. Slope = $(310 - 25.0)/13,500' = 0.1\%$
 Avg. Velocity = 45 FPM (30 FPM - Land, 60 FPM - Ditch)
 Tc = 300 Min.

- Outfall To: Ditch - Basin 96 @ Elev. 27.0
Scour Basin 1 @ Elev. 27.8'

- Stage/Storage:

<u>STAGE</u>	<u>AREA</u>	<u>STORAGE</u>
27.0	0.01	
28.0	282.0	141.0
29.0	662.0	613.0
30.0	802.0	1345.0

- Tailwater: Reference Johnson Engineering Study
25-Year Peak Stage = 27.8'

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

BASIN NAME	S1	S2	S3	S0	96
NODE NAME	S1	S2	S3	S0	96
TIME INCREMENT (min)	2.00	2.00	2.00	2.00	5.00
RAINFALL FILE	FLMOD	FLMOD	FLMOD	FLMOD	FLMOD
RAIN AMOUNT (in)	8.00	8.00	8.00	8.00	8.00
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	103.00	818.50	145.20	886.20	.01
CURVE NUMBER	86.00	86.80	86.00	85.20	.10
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	108.90	311.00	76.10	300.00	.10
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
S1	146.82	12.23	6.33	SCOUR BASIN 1
S2	544.79	12.50	6.43	SCOUR BASIN 2
S3	261.37	12.23	6.33	SCOUR BASIN 3
S0	588.29	12.50	6.24	CONTRIBUTES TO SCOUR BASIN 1
96	.00	.00	.00	TAILWATER FOR SCOUR BASIN 1& S0

BASIN NAME	97	98	99
NODE NAME	97	98	99
TIME INCREMENT (min)	5.00	5.00	5.00
RAINFALL FILE	FLMOD	FLMOD	FLMOD
RAIN AMOUNT (in)	8.00	8.00	8.00
STORM DURATION (hrs)	24.00	24.00	24.00
AREA (ac)	.01	.01	.01
CURVE NUMBER	.10	.10	.10
DCIA (%)	.00	.00	.00
TC (mins)	.10	.10	.10
LAG TIME (hrs)	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
97	.00	.00	.00	TAILWATER FOR SCOUR BASIN 2
98	.00	.00	.00	TAILWATER FOR SCOUR BASIN 3
99	.00	.00	.00	TAILWATER FOR SCOUR BASIN 3

Advanced Interconnected Channel & Pond Routing (adICFR Ver 1.31)
Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
25YR/24HR ANALYSIS 10-29-91

CONTROL PARAMETERS
=====

START TIME: .00
END TIME: 72.00

TO TIME (hours)	SIMULATION INC (secs)	PRINT INC (mins)
8.00	90.00	30.00
24.00	15.00	30.00
72.00	120.00	30.00

RUNOFF HYDROGRAPH FILE: DEFAULT
OFFSITE HYDROGRAPH FILE: DEFAULT
BOUNDARY DATABASE FILE: NONE

NOTE:

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
25YR/24HR ANALYSIS 10-29-91

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AREA/TIME (ac)/(hr)
S1	AREA	26.100	.000	.000	.000	26.000	.300
						27.000	2.540
						28.000	67.900
						29.000	94.350
S2	AREA	25.200	.000	.000	.000	24.000	.020
						25.000	14.000
						26.000	74.560
						27.000	283.090
S3	AREA	24.200	.000	.000	.000	18.000	.010
						20.000	.020
						22.000	2.680
						23.000	7.030
						24.000	13.850
						25.000	24.170
						26.000	79.210
						27.000	145.200
S0	AREA	27.000	.000	.000	.000	27.000	.010
						28.000	282.000
						29.000	662.000
						30.000	802.000
96	TIME	25.000	.000	.000	.000	25.000	.000
						26.000	6.000
						27.000	10.000
						27.800	12.000
						27.800	16.000
						26.000	48.000
97	TIME	22.000	.000	.000	.000	22.000	.000
						24.000	6.000
						25.000	10.000
						26.500	12.000
						26.500	16.000
						24.000	48.000
98	TIME	18.900	.000	.000	.000	18.900	.000
						20.000	6.000
						22.000	10.000
						26.000	12.000
						26.000	16.000
						22.000	48.000

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AREA/TIME (ac)/(hr)
99	TIME	18.900	.000	.000	.000	18.900	.000
						20.000	6.000
						22.000	10.000
						26.000	12.000
						26.000	16.000
						22.000	48.000

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
25YR/24HR ANALYSIS 10-29-91

>>REACH NAME : S1-96
FROM NODE : S1
TO NODE : 96
REACH TYPE : TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 26.100 BTM. WIDTH (ft): 20.000 LEFT SS (h/v): 4.000
RGHT SS (h/v): 4.000 OPENING (ft): 999.000 WEIR COEF.: 2.800
GATE COEF.: .600 NUMBER OF ELEM.: 1.000
NOTE: SCOUR BASIN 1 DISCHARGE STRUCTURE

>>REACH NAME : S2-97
FROM NODE : S2
TO NODE : 97
REACH TYPE : TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 25.200 BTM. WIDTH (ft): 20.000 LEFT SS (h/v): 4.000
RGHT SS (h/v): 4.000 OPENING (ft): 999.000 WEIR COEF.: 2.800
GATE COEF.: .600 NUMBER OF ELEM.: 1.000
NOTE: SCOUR BASIN 2 DISCHARGE STRUCTURE

>>REACH NAME : S3-98
FROM NODE : S3
TO NODE : 98
REACH TYPE : TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 24.200 BTM. WIDTH (ft): 20.000 LEFT SS (h/v): 4.000
RGHT SS (h/v): 4.000 OPENING (ft): 999.000 WEIR COEF.: 2.800
GATE COEF.: .600 NUMBER OF ELEM.: 1.000
NOTE: SCOUR BASIN 3 DISCHARGE STRUCTURE

>>REACH NAME : S2-S3-1
FROM NODE : S2
TO NODE : S3
REACH TYPE : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTÉ EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 25.800 CREST LN. (ft): 100.000 OPENING (ft): 999.000
WEIR COEF.: 2.600 GATE COEF.: .600 NUMBER OF ELEM.: 1.000
NOTE: OVERFLOW - SCOUR BASIN 2 TO SCOUR 3

>>REACH NAME : S2-S3-2
FROM NODE : S2
TO NODE : S3
REACH TYPE : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTÉ EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 26.400 CREST LN. (ft): 100.000 OPENING (ft): 999.000
WEIR COEF.: 2.600 GATE COEF.: .600 NUMBER OF ELEM.: 1.000
NOTE: SECOND OVERFLOW - SCOUR 2 TO 3

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
25YR/24HR ANALYSIS 10-29-91

>>REACH NAME : S3-99
FROM NODE : S3
TO NODE : 99
REACH TYPE : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTÉ EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 24.300 CREST LN. (ft): 200.000 OPENING (ft): 999.000
WEIR COEF.: 2.600 GATE COEF.: .600 NUMBER OF ELEM.: 1.000
NOTE: OVERFLOW FROM SCOUR 3 TO BASIN 99

>>REACH NAME : 80-S1
FROM NODE : 80
TO NODE : S1
REACH TYPE : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTÉ EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 27.800 CREST LN. (ft): 100.000 OPENING (ft): 999.000
WEIR COEF.: 2.600 GATE COEF.: .600 NUMBER OF ELEM.: 1.000
NOTE: OVERFLOW FROM BASIN 80 TO SCOUR 1

>>REACH NAME : 80-96
FROM NODE : 80
TO NODE : 96
REACH TYPE : TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 27.000 BTM. WIDTH (ft): 10.000 LEFT SS (h/v): 10.000
RIGHT SS (h/v): 10.000 OPENING (ft): 999.000 WEIR COEF.: 2.600
GATE COEF.: .600 NUMBER OF ELEM.: 1.000
NOTE: DISCHARGE FROM BASIN 80 TO TAILWTR

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
25YR/24HR ANALYSIS 10-29-91

REACH SUMMARY

=====

INDEX	RCHNAME	FRMNODE	TONODE	REACH TYPE
1	S1-96	S1	96	TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
2	S2-97	S2	97	TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
3	S3-98	S3	98	TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
4	S2-S3-1	S2	S3	RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTÉ EQ
5	S2-S3-2	S2	S3	RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTÉ EQ
6	S3-99	S3	99	RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTÉ EQ
7	S0-S1	S0	S1	RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTÉ EQ
8	S0-96	S0	96	TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT

=====

NODE ID: S1

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
.00	26.10	.14	.00	.00	.00	.00
.50	26.10	.14	.00	.00	.00	.00
1.00	26.10	.14	.00	.00	.00	.00
1.50	26.10	.14	.00	.00	.00	.00
2.00	26.10	.14	.00	.00	.00	.00
2.50	26.10	.14	.00	.00	.00	.00
3.00	26.10	.14	.00	.00	.00	.00
3.50	26.10	.14	.07	.00	.00	.00
4.00	26.11	.15	.33	.00	.00	.03
4.50	26.12	.17	.78	.00	.00	.16
5.00	26.14	.20	1.33	.00	.00	.48
5.50	26.17	.24	2.00	.00	.00	1.03
6.00	26.20	.28	2.70	.00	.00	1.75
6.50	26.23	.32	3.63	.00	.00	2.51
7.00	26.27	.39	4.54	.00	.00	2.14
7.50	26.38	.54	5.70	.00	.00	1.31
8.00	26.51	.73	6.81	.00	.00	2.44
8.50	26.64	.91	8.29	.00	.00	3.88
9.00	26.77	1.09	10.11	.00	.00	5.70
9.50	26.90	1.27	12.01	.00	.00	7.63
10.00	27.00	1.49	14.54	.00	.00	.90
10.50	27.05	3.16	18.21	.00	.00	-41.50
11.00	27.14	6.26	23.45	.00	.00	-66.04
11.50	27.26	10.62	36.31	.00	.00	-88.58
12.00	27.47	17.97	134.75	.00	.00	-104.36
12.50	27.73	27.10	141.91	.00	.00	-41.23
13.00	27.87	32.18	121.87	.00	-5.16	44.27
13.50	27.93	34.03	103.11	.00	-11.61	68.03
14.00	27.94	34.63	86.65	.00	7.33	74.84
14.50	27.96	35.32	73.01	.00	19.95	82.12
15.00	27.97	35.59	61.55	.00	27.09	84.98
15.50	27.97	35.68	52.46	.00	34.37	85.84
16.00	27.97	35.70	44.81	.00	41.38	86.02
16.50	27.97	35.57	38.63	.00	48.22	92.62
17.00	27.96	35.26	33.56	.00	54.84	96.94
17.50	27.95	34.89	29.69	.00	60.99	100.18
18.00	27.94	34.48	26.03	.00	66.57	102.78
18.50	27.93	34.06	23.59	.00	71.54	105.04
19.00	27.92	33.65	21.01	.00	75.92	107.02
19.50	27.90	33.24	19.42	.00	79.72	108.80
20.00	27.89	32.84	17.82	.00	82.97	110.42
20.50	27.88	32.44	16.24	.00	85.72	111.80
21.00	27.87	32.03	15.04	.00	87.98	112.96
21.50	27.86	31.62	14.13	.00	89.79	113.93

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT

=====

NODE ID: S1

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	OFFSITE (cfs)	-----> OTHER (cfs)	OUTFLOW (cfs)
22.00	27.85	31.20	13.43	.00	91.20	114.74
22.50	27.83	30.78	12.90	.00	92.24	115.38
23.00	27.82	30.35	12.12	.00	92.92	115.82
23.50	27.81	29.89	11.51	.00	93.24	116.04
24.00	27.79	29.40	10.60	.00	93.15	116.01
24.50	27.77	28.42	.00	.00	88.89	113.31
25.00	27.74	27.39	.00	.00	84.85	110.36
25.50	27.71	26.32	.00	.00	81.00	107.25
26.00	27.68	25.23	.00	.00	77.34	104.06
26.50	27.64	24.12	.00	.00	73.85	100.83
27.00	27.61	23.00	.00	.00	70.52	97.62
27.50	27.58	21.88	.00	.00	67.34	94.44
28.00	27.55	20.76	.00	.00	64.30	91.31
28.50	27.52	19.65	.00	.00	61.41	88.26
29.00	27.49	18.54	.00	.00	58.64	85.29
29.50	27.45	17.44	.00	.00	56.00	82.40
30.00	27.42	16.36	.00	.00	53.48	79.60
30.50	27.39	15.28	.00	.00	51.07	76.89
31.00	27.36	14.22	.00	.00	48.77	74.27
31.50	27.33	13.18	.00	.00	46.57	71.74
32.00	27.30	12.14	.00	.00	44.47	69.30
32.50	27.28	11.12	.00	.00	42.45	66.95
33.00	27.25	10.12	.00	.00	40.53	64.67
33.50	27.22	9.13	.00	.00	38.69	62.48
34.00	27.19	8.15	.00	.00	36.93	60.36
34.50	27.16	7.19	.00	.00	35.24	58.31
35.00	27.14	6.24	.00	.00	33.62	56.34
35.50	27.11	5.31	.00	.00	32.07	54.44
36.00	27.08	4.39	.00	.00	30.59	52.59
36.50	27.06	3.49	.00	.00	29.16	50.82
37.00	27.03	2.60	.00	.00	27.80	49.10
37.50	27.01	1.73	.00	.00	26.49	47.43
38.00	26.81	1.15	.00	.00	25.23	28.83
38.50	26.75	1.07	.00	.00	24.02	25.06
39.00	26.72	1.03	.00	.00	21.97	23.49
39.50	26.67	.96	.00	.00	18.53	20.34
40.00	26.62	.88	.00	.00	15.52	17.26
40.50	26.57	.81	.00	.00	12.89	14.55
41.00	26.53	.75	.00	.00	10.59	12.18
41.50	26.48	.68	.00	.00	8.58	10.10
42.00	26.44	.62	.00	.00	6.83	8.29
42.50	26.40	.56	.00	.00	5.31	6.71
43.00	26.36	.50	.00	.00	4.00	5.34
43.50	26.32	.45	.00	.00	2.87	4.17

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: S1

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	INFLOW OFFSITE (cfs)	-----> OTHER (cfs)	OUTFLOW (cfs)
44.00	26.28	.40	.00	.00	1.93	3.17
44.50	26.24	.35	.00	.00	1.15	2.33
45.00	26.21	.30	.00	.00	.54	1.64
45.50	26.18	.26	.00	.00	.13	1.10
46.00	26.16	.22	.00	.00	.00	.71
46.50	26.14	.20	.00	.00	.00	.43
47.00	26.13	.18	.00	.00	.00	.27
47.50	26.12	.17	.00	.00	.00	.18
48.00	26.12	.17	.00	.00	.00	.13
48.50	26.11	.16	.00	.00	.00	.10
49.00	26.11	.16	.00	.00	.00	.07
49.50	26.11	.16	.00	.00	.00	.06
50.00	26.11	.15	.00	.00	.00	.04
50.50	26.11	.15	.00	.00	.00	.04
51.00	26.11	.15	.00	.00	.00	.03
51.50	26.11	.15	.00	.00	.00	.02
52.00	26.11	.15	.00	.00	.00	.02
52.50	26.10	.15	.00	.00	.00	.02
53.00	26.10	.15	.00	.00	.00	.01
53.50	26.10	.15	.00	.00	.00	.01
54.00	26.10	.15	.00	.00	.00	.01
54.50	26.10	.15	.00	.00	.00	.01
55.00	26.10	.15	.00	.00	.00	.01
55.50	26.10	.15	.00	.00	.00	.01
56.00	26.10	.15	.00	.00	.00	.01
56.50	26.10	.15	.00	.00	.00	.01
57.00	26.10	.14	.00	.00	.00	.01
57.50	26.10	.14	.00	.00	.00	.00
58.00	26.10	.14	.00	.00	.00	.00
58.50	26.10	.14	.00	.00	.00	.00
59.00	26.10	.14	.00	.00	.00	.00
59.50	26.10	.14	.00	.00	.00	.00
60.00	26.10	.14	.00	.00	.00	.00
60.50	26.10	.14	.00	.00	.00	.00
61.00	26.10	.14	.00	.00	.00	.00
61.50	26.10	.14	.00	.00	.00	.00
62.00	26.10	.14	.00	.00	.00	.00
62.50	26.10	.14	.00	.00	.00	.00
63.00	26.10	.14	.00	.00	.00	.00
63.50	26.10	.14	.00	.00	.00	.00
64.00	26.10	.14	.00	.00	.00	.00
64.50	26.10	.14	.00	.00	.00	.00
65.00	26.10	.14	.00	.00	.00	.00
65.50	26.10	.14	.00	.00	.00	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: S1

TIME (hrs)	STAGE (ft)	VOLUME (af)	!<----- RUNOFF (cfs)	INFLOW ----->! OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
66.00	26.10	.14	.00	.00	.00	.00
66.50	26.10	.14	.00	.00	.00	.00
67.00	26.10	.14	.00	.00	.00	.00
67.50	26.10	.14	.00	.00	.00	.00
68.00	26.10	.14	.00	.00	.00	.00
68.50	26.10	.14	.00	.00	.00	.00
69.00	26.10	.14	.00	.00	.00	.00
69.50	26.10	.14	.00	.00	.00	.00
70.00	26.10	.14	.00	.00	.00	.00
70.50	26.10	.14	.00	.00	.00	.00
71.00	26.10	.14	.00	.00	.00	.00
71.50	26.10	.14	.00	.00	.00	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT

=====

NODE ID: S2

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
.00	25.20	15.87	.00	.00	.00	.00
.50	25.20	15.87	.00	.00	.00	.00
1.00	25.20	15.87	.00	.00	.00	.00
1.50	25.20	15.87	.00	.00	.00	.00
2.00	25.20	15.87	.00	.00	.00	.00
2.50	25.20	15.87	.00	.00	.00	.00
3.00	25.20	15.87	.01	.00	.00	.00
3.50	25.20	15.87	.46	.00	.00	.00
4.00	25.20	15.91	1.52	.00	.00	.00
4.50	25.20	16.01	3.30	.00	.00	.01
5.00	25.21	16.19	5.56	.00	.00	.04
5.50	25.21	16.48	8.37	.00	.00	.09
6.00	25.22	16.88	11.52	.00	.00	.20
6.50	25.24	17.43	15.63	.00	.00	.37
7.00	25.25	18.15	20.01	.00	.00	.66
7.50	25.27	19.05	25.44	.00	.00	1.09
8.00	25.30	20.16	31.03	.00	.00	1.72
8.50	25.33	21.50	38.10	.00	.00	2.60
9.00	25.36	23.12	46.68	.00	.00	3.83
9.50	25.41	25.05	56.07	.00	.00	5.51
10.00	25.46	27.34	67.92	.00	.00	7.77
10.50	25.52	30.11	84.08	.00	.00	8.88
11.00	25.61	34.11	106.29	.00	.00	-17.05
11.50	25.76	40.54	152.70	.00	.00	-46.72
12.00	26.02	54.79	464.33	.00	.00	-54.69
12.50	26.15	77.93	544.79	.00	.00	-31.78
13.00	26.28	100.79	538.07	.00	.00	12.34
13.50	26.39	121.12	520.91	.00	.00	64.76
14.00	26.49	138.13	498.53	.00	.00	135.30
14.50	26.56	151.11	474.74	.00	.00	205.15
15.00	26.61	160.72	449.76	.00	.00	251.47
15.50	26.65	167.71	425.88	.00	.00	283.86
16.00	26.68	172.59	401.90	.00	.00	306.22
16.50	26.70	175.59	378.98	.00	.00	328.53
17.00	26.70	176.86	357.04	.00	.00	343.69
17.50	26.70	176.83	337.05	.00	.00	350.78
18.00	26.70	175.79	316.67	.00	.00	351.96
18.50	26.69	174.04	299.23	.00	.00	348.15
19.00	26.67	171.76	281.17	.00	.00	341.85
19.50	26.66	169.09	265.87	.00	.00	333.88
20.00	26.64	166.15	250.80	.00	.00	324.79
20.50	26.62	162.98	235.98	.00	.00	314.88
21.00	26.61	159.66	222.54	.00	.00	304.44
21.50	26.59	156.23	210.33	.00	.00	293.79

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT

=====

NODE ID: S2

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
			<-----	----->		
22.00	26.57	152.77	199.24	.00	.00	283.17
22.50	26.55	149.31	189.14	.00	.00	272.73
23.00	26.53	145.85	178.84	.00	.00	262.53
23.50	26.51	142.40	169.43	.00	.00	252.59
24.00	26.49	138.95	159.55	.00	.00	242.94
24.50	26.44	129.42	.00	.00	.00	215.19
25.00	26.39	120.96	.00	.00	.00	194.21
25.50	26.35	113.26	.00	.00	.00	177.53
26.00	26.31	106.22	.00	.00	.00	162.88
26.50	26.27	99.74	.00	.00	.00	149.95
27.00	26.24	93.77	.00	.00	.00	138.49
27.50	26.21	88.25	.00	.00	.00	128.28
28.00	26.18	83.13	.00	.00	.00	119.16
28.50	26.15	78.36	.00	.00	.00	110.97
29.00	26.13	73.92	.00	.00	.00	103.60
29.50	26.10	69.77	.00	.00	.00	96.93
30.00	26.08	65.89	.00	.00	.00	90.88
30.50	26.06	62.24	.00	.00	.00	85.36
31.00	26.04	58.81	.00	.00	.00	80.30
31.50	26.02	55.58	.00	.00	.00	75.65
32.00	26.01	52.54	.00	.00	.00	71.33
32.50	25.97	49.75	.00	.00	.00	60.61
33.00	25.91	47.49	.00	.00	.00	48.64
33.50	25.87	45.65	.00	.00	.00	40.14
34.00	25.84	44.12	.00	.00	.00	34.10
34.50	25.81	42.79	.00	.00	.00	29.97
35.00	25.78	41.60	.00	.00	.00	27.70
35.50	25.76	40.49	.00	.00	.00	25.81
36.00	25.73	39.46	.00	.00	.00	24.10
36.50	25.71	38.49	.00	.00	.00	22.55
37.00	25.69	37.59	.00	.00	.00	21.13
37.50	25.67	36.74	.00	.00	.00	19.84
38.00	25.65	35.95	.00	.00	.00	18.65
38.50	25.64	35.20	.00	.00	.00	17.56
39.00	25.62	34.49	.00	.00	.00	16.56
39.50	25.61	33.82	.00	.00	.00	15.64
40.00	25.59	33.20	.00	.00	.00	14.78
40.50	25.58	32.60	.00	.00	.00	13.99
41.00	25.57	32.04	.00	.00	.00	13.26
41.50	25.55	31.50	.00	.00	.00	12.58
42.00	25.54	30.99	.00	.00	.00	11.95
42.50	25.53	30.51	.00	.00	.00	11.36
43.00	25.52	30.05	.00	.00	.00	10.81
43.50	25.51	29.62	.00	.00	.00	10.29

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT

=====

NODE ID: 52

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	-----> OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
44.00	25.50	29.20	.00	.00	.00	9.61
44.50	25.49	28.80	.00	.00	.00	9.36
45.00	25.48	28.43	.00	.00	.00	8.94
45.50	25.48	28.06	.00	.00	.00	8.54
46.00	25.47	27.72	.00	.00	.00	8.17
46.50	25.46	27.39	.00	.00	.00	7.82
47.00	25.45	27.07	.00	.00	.00	7.49
47.50	25.45	26.77	.00	.00	.00	7.18
48.00	25.44	26.48	.00	.00	.00	6.88
48.50	25.43	26.20	.00	.00	.00	6.61
49.00	25.43	25.93	.00	.00	.00	6.34
49.50	25.42	25.67	.00	.00	.00	6.09
50.00	25.42	25.42	.00	.00	.00	5.86
50.50	25.41	25.19	.00	.00	.00	5.64
51.00	25.41	24.96	.00	.00	.00	5.42
51.50	25.40	24.74	.00	.00	.00	5.22
52.00	25.40	24.53	.00	.00	.00	5.03
52.50	25.39	24.32	.00	.00	.00	4.85
53.00	25.39	24.12	.00	.00	.00	4.68
53.50	25.38	23.93	.00	.00	.00	4.51
54.00	25.38	23.75	.00	.00	.00	4.36
54.50	25.37	23.57	.00	.00	.00	4.21
55.00	25.37	23.40	.00	.00	.00	4.07
55.50	25.37	23.24	.00	.00	.00	3.93
56.00	25.36	23.08	.00	.00	.00	3.80
56.50	25.36	22.92	.00	.00	.00	3.68
57.00	25.36	22.77	.00	.00	.00	3.56
57.50	25.35	22.63	.00	.00	.00	3.44
58.00	25.35	22.49	.00	.00	.00	3.34
58.50	25.35	22.35	.00	.00	.00	3.23
59.00	25.34	22.22	.00	.00	.00	3.13
59.50	25.34	22.09	.00	.00	.00	3.04
60.00	25.34	21.97	.00	.00	.00	2.94
60.50	25.34	21.85	.00	.00	.00	2.86
61.00	25.33	21.73	.00	.00	.00	2.77
61.50	25.33	21.62	.00	.00	.00	2.69
62.00	25.33	21.51	.00	.00	.00	2.61
62.50	25.33	21.40	.00	.00	.00	2.54
63.00	25.32	21.30	.00	.00	.00	2.47
63.50	25.32	21.20	.00	.00	.00	2.40
64.00	25.32	21.10	.00	.00	.00	2.33
64.50	25.32	21.01	.00	.00	.00	2.27
65.00	25.31	20.91	.00	.00	.00	2.20
65.50	25.31	20.82	.00	.00	.00	2.15

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 52

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	INFLOW OFFSITE (cfs)	-----> OTHER (cfs)	OUTFLOW (cfs)
66.00	25.31	20.74	.00	.00	.00	2.09
66.50	25.31	20.65	.00	.00	.00	2.03
67.00	25.31	20.57	.00	.00	.00	1.98
67.50	25.30	20.49	.00	.00	.00	1.93
68.00	25.30	20.41	.00	.00	.00	1.88
68.50	25.30	20.33	.00	.00	.00	1.83
69.00	25.30	20.26	.00	.00	.00	1.78
69.50	25.30	20.18	.00	.00	.00	1.74
70.00	25.30	20.11	.00	.00	.00	1.70
70.50	25.29	20.04	.00	.00	.00	1.65
71.00	25.29	19.98	.00	.00	.00	1.61
71.50	25.29	19.91	.00	.00	.00	1.57

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: S3

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	INFLOW OFFSITE (cfs)	-----> OTHER (cfs)	OUTFLOW (cfs)
.00	24.20	21.83	.00	.00	.00	.00
.50	24.20	21.83	.00	.00	.00	.00
1.00	24.20	21.83	.00	.00	.00	.00
1.50	24.20	21.83	.00	.00	.00	.00
2.00	24.20	21.83	.00	.00	.00	.00
2.50	24.20	21.83	.00	.00	.00	.00
3.00	24.20	21.83	.00	.00	.00	.00
3.50	24.20	21.83	.14	.00	.00	.00
4.00	24.20	21.84	.63	.00	.00	.00
4.50	24.20	21.89	1.44	.00	.00	.01
5.00	24.21	21.96	2.39	.00	.00	.03
5.50	24.21	22.08	3.49	.00	.00	.09
6.00	24.22	22.25	4.61	.00	.00	.18
6.50	24.23	22.46	6.12	.00	.00	.34
7.00	24.25	22.72	7.54	.00	.00	.58
7.50	24.26	23.04	9.39	.00	.00	.92
8.00	24.28	23.42	11.07	.00	.00	1.38
8.50	24.31	23.85	13.41	.00	.00	2.27
9.00	24.33	24.31	16.33	.00	.00	5.54
9.50	24.35	24.74	19.29	.00	.00	9.81
10.00	24.37	25.12	23.36	.00	.00	14.47
10.50	24.39	25.51	29.45	.00	.00	19.85
11.00	24.42	25.96	38.21	.00	.00	26.77
11.50	24.67	30.70	61.57	.00	.00	-290.72
12.00	25.48	61.86	247.35	.00	26.75	-959.89
12.50	26.01	90.20	241.39	.00	41.76	218.49
13.00	26.02	91.02	189.62	.00	74.02	263.75
13.50	26.02	90.90	148.03	.00	106.86	257.78
14.00	26.02	90.88	115.75	.00	143.21	256.61
14.50	26.02	91.03	91.82	.00	177.09	264.26
15.00	26.02	91.23	73.58	.00	204.60	273.51
15.50	26.02	91.41	60.54	.00	225.74	282.08
16.00	26.03	91.56	50.32	.00	241.04	288.52
16.50	26.00	88.52	42.70	.00	252.86	403.59
17.00	25.93	85.04	36.87	.00	261.31	372.31
17.50	25.87	82.03	32.88	.00	264.02	369.37
18.00	25.81	79.02	28.82	.00	262.39	364.66
18.50	25.75	75.97	26.74	.00	256.84	357.43
19.00	25.69	72.90	23.95	.00	249.55	348.00
19.50	25.63	69.83	22.75	.00	241.13	337.95
20.00	25.58	66.77	21.21	.00	232.01	327.34
20.50	25.52	63.70	19.46	.00	222.36	315.95
21.00	25.46	60.65	18.29	.00	212.44	304.36
21.50	25.40	57.62	17.50	.00	202.47	292.91

Advanced Interconnected Channel & Pond Routing (adIDPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT

=====

NODE ID: S3

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	-----> OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
22.00	25.34	54.62	16.97	.00	192.64	281.69
22.50	25.28	51.67	16.58	.00	183.06	270.71
23.00	25.23	48.74	15.62	.00	173.77	259.68
23.50	25.17	45.86	14.93	.00	164.79	248.70
24.00	25.12	43.03	13.62	.00	156.14	237.67
24.50	25.05	39.64	.00	.00	134.00	214.55
25.00	24.97	36.44	.00	.00	117.71	175.67
25.50	24.88	34.81	.00	.00	105.06	134.77
26.00	24.82	33.66	.00	.00	93.90	120.60
26.50	24.77	32.58	.00	.00	84.03	109.45
27.00	24.71	31.55	.00	.00	75.25	99.32
27.50	24.66	30.59	.00	.00	67.43	89.87
28.00	24.61	29.70	.00	.00	60.43	80.94
28.50	24.57	28.89	.00	.00	54.16	72.43
29.00	24.53	28.18	.00	.00	48.52	64.28
29.50	24.50	27.59	.00	.00	43.44	56.23
30.00	24.48	27.14	.00	.00	38.86	47.93
30.50	24.46	26.80	.00	.00	34.71	41.75
31.00	24.45	26.54	.00	.00	30.96	36.82
31.50	24.44	26.31	.00	.00	27.57	32.76
32.00	24.43	26.11	.00	.00	24.49	29.24
32.50	24.41	25.87	.00	.00	17.45	25.44
33.00	24.39	25.50	.00	.00	10.02	19.70
33.50	24.37	25.10	.00	.00	5.09	14.26
34.00	24.35	24.75	.00	.00	1.92	9.92
34.50	24.34	24.44	.00	.00	.19	6.73
35.00	24.33	24.21	.00	.00	.00	4.64
35.50	24.32	24.04	.00	.00	.00	3.40
36.00	24.31	23.92	.00	.00	.00	2.62
36.50	24.30	23.82	.00	.00	.00	2.12
37.00	24.30	23.74	.00	.00	.00	1.83
37.50	24.30	23.67	.00	.00	.00	1.72
38.00	24.29	23.60	.00	.00	.00	1.62
38.50	24.29	23.53	.00	.00	.00	1.53
39.00	24.29	23.47	.00	.00	.00	1.45
39.50	24.28	23.41	.00	.00	.00	1.37
40.00	24.28	23.36	.00	.00	.00	1.30
40.50	24.28	23.30	.00	.00	.00	1.23
41.00	24.28	23.26	.00	.00	.00	1.17
41.50	24.27	23.21	.00	.00	.00	1.11
42.00	24.27	23.16	.00	.00	.00	1.06
42.50	24.27	23.12	.00	.00	.00	1.01
43.00	24.27	23.08	.00	.00	.00	.96
43.50	24.26	23.04	.00	.00	.00	.92

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT

=====

NODE ID: S3

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	INFLOW OFFSITE (cfs)	-----> OTHER (cfs)	OUTFLOW (cfs)
44.00	24.26	23.00	.00	.00	.00	.87
44.50	24.26	22.97	.00	.00	.00	.83
45.00	24.26	22.93	.00	.00	.00	.80
45.50	24.26	22.90	.00	.00	.00	.76
46.00	24.25	22.87	.00	.00	.00	.73
46.50	24.25	22.84	.00	.00	.00	.70
47.00	24.25	22.81	.00	.00	.00	.67
47.50	24.25	22.79	.00	.00	.00	.64
48.00	24.25	22.76	.00	.00	.00	.62
48.50	24.25	22.74	.00	.00	.00	.59
49.00	24.25	22.71	.00	.00	.00	.57
49.50	24.25	22.69	.00	.00	.00	.55
50.00	24.24	22.67	.00	.00	.00	.52
50.50	24.24	22.65	.00	.00	.00	.50
51.00	24.24	22.62	.00	.00	.00	.49
51.50	24.24	22.61	.00	.00	.00	.47
52.00	24.24	22.59	.00	.00	.00	.45
52.50	24.24	22.57	.00	.00	.00	.43
53.00	24.24	22.55	.00	.00	.00	.42
53.50	24.24	22.53	.00	.00	.00	.40
54.00	24.24	22.52	.00	.00	.00	.39
54.50	24.24	22.50	.00	.00	.00	.38
55.00	24.23	22.49	.00	.00	.00	.36
55.50	24.23	22.47	.00	.00	.00	.35
56.00	24.23	22.46	.00	.00	.00	.34
56.50	24.23	22.44	.00	.00	.00	.33
57.00	24.23	22.43	.00	.00	.00	.32
57.50	24.23	22.42	.00	.00	.00	.31
58.00	24.23	22.40	.00	.00	.00	.30
58.50	24.23	22.39	.00	.00	.00	.29
59.00	24.23	22.38	.00	.00	.00	.28
59.50	24.23	22.37	.00	.00	.00	.27
60.00	24.23	22.36	.00	.00	.00	.26
60.50	24.23	22.35	.00	.00	.00	.25
61.00	24.23	22.34	.00	.00	.00	.25
61.50	24.23	22.33	.00	.00	.00	.24
62.00	24.23	22.32	.00	.00	.00	.23
62.50	24.23	22.31	.00	.00	.00	.23
63.00	24.22	22.30	.00	.00	.00	.22
63.50	24.22	22.29	.00	.00	.00	.21
64.00	24.22	22.28	.00	.00	.00	.21
64.50	24.22	22.27	.00	.00	.00	.20
65.00	24.22	22.26	.00	.00	.00	.20
65.50	24.22	22.26	.00	.00	.00	.19

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT

=====

NODE ID: S3

TIME (hrs)	STAGE (ft)	VOLUME (af)	!<----- RUNOFF (cfs)	INFLOW ----->! OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
66.00	24.22	22.25	.00	.00	.00	.19
66.50	24.22	22.24	.00	.00	.00	.18
67.00	24.22	22.23	.00	.00	.00	.18
67.50	24.22	22.23	.00	.00	.00	.17
68.00	24.22	22.22	.00	.00	.00	.17
68.50	24.22	22.21	.00	.00	.00	.16
69.00	24.22	22.21	.00	.00	.00	.16
69.50	24.22	22.20	.00	.00	.00	.15
70.00	24.22	22.19	.00	.00	.00	.15
70.50	24.22	22.19	.00	.00	.00	.15
71.00	24.22	22.18	.00	.00	.00	.14
71.50	24.22	22.17	.00	.00	.00	.14

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 80

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	INFLOW OFFSITE (cfs)	-----> OTHER (cfs)	OUTFLOW (cfs)
.00	27.00	.00	.00	.00	.00	.00
.50	27.00	.00	.00	.00	.00	.00
1.00	27.00	.00	.00	.00	.00	.00
1.50	27.00	.00	.00	.00	.00	.00
2.00	27.00	.00	.00	.00	.00	.00
2.50	27.00	.00	.00	.00	.00	.00
3.00	27.00	.00	.00	.00	.00	.00
3.50	27.00	.00	.07	.00	.00	.00
4.00	27.00	.02	.71	.00	.00	.00
4.50	27.00	.07	2.10	.00	.00	.00
5.00	27.00	.20	4.06	.00	.00	.00
5.50	27.00	.42	6.65	.00	.00	.00
6.00	27.01	.75	9.65	.00	.00	.01
6.50	27.01	1.23	13.66	.00	.00	.02
7.00	27.01	1.88	18.00	.00	.00	.04
7.50	27.02	2.74	23.48	.00	.00	.07
8.00	27.03	3.82	29.19	.00	.00	.12
8.50	27.04	5.17	36.47	.00	.00	.19
9.00	27.05	6.85	45.39	.00	.00	.29
9.50	27.06	8.92	55.23	.00	.00	.44
10.00	27.08	11.43	67.73	.00	.00	.65
10.50	27.10	14.60	84.89	.00	.00	-2.34
11.00	27.13	18.81	108.60	.00	.00	-8.55
11.50	27.17	24.65	158.57	.00	.00	-18.31
12.00	27.27	38.45	499.78	.00	.00	-31.32
12.50	27.44	62.72	588.29	.00	.00	-28.29
13.00	27.62	88.04	580.33	.00	.00	-27.93
13.50	27.80	112.62	560.93	.00	.00	-12.07
14.00	27.96	134.91	535.85	.00	.00	36.52
14.50	28.03	154.40	509.32	.00	.00	57.87
15.00	28.07	172.24	481.57	.00	.00	69.55
15.50	28.10	188.47	455.15	.00	.00	81.02
16.00	28.13	203.16	428.70	.00	.00	91.87
16.50	28.16	216.31	403.49	.00	.00	103.44
17.00	28.18	227.98	379.43	.00	.00	114.33
17.50	28.21	238.27	357.58	.00	.00	124.33
18.00	28.23	247.25	335.35	.00	.00	133.38
18.50	28.24	255.04	316.42	.00	.00	141.46
19.00	28.26	261.71	296.81	.00	.00	148.61
19.50	28.27	267.35	280.30	.00	.00	154.86
20.00	28.28	272.08	264.05	.00	.00	160.27
20.50	28.29	275.94	248.09	.00	.00	164.89
21.00	28.29	279.00	233.66	.00	.00	168.75
21.50	28.30	281.34	220.60	.00	.00	171.92

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 80

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	-----> OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
22.00	28.30	283.05	208.79	.00	.00	174.47
22.50	28.30	284.20	198.06	.00	.00	176.44
23.00	28.30	284.83	187.10	.00	.00	177.86
23.50	28.31	284.99	177.12	.00	.00	178.75
24.00	28.30	284.69	166.60	.00	.00	179.05
24.50	28.29	277.38	.00	.00	.00	173.07
25.00	28.27	270.34	.00	.00	.00	167.39
25.50	28.26	263.52	.00	.00	.00	161.96
26.00	28.25	256.93	.00	.00	.00	156.77
26.50	28.23	250.55	.00	.00	.00	151.81
27.00	28.22	244.37	.00	.00	.00	147.05
27.50	28.21	238.38	.00	.00	.00	142.49
28.00	28.19	232.58	.00	.00	.00	138.11
28.50	28.18	226.95	.00	.00	.00	133.90
29.00	28.17	221.50	.00	.00	.00	129.85
29.50	28.16	216.21	.00	.00	.00	125.95
30.00	28.15	211.08	.00	.00	.00	122.18
30.50	28.14	206.10	.00	.00	.00	118.54
31.00	28.13	201.27	.00	.00	.00	115.02
31.50	28.12	196.58	.00	.00	.00	111.64
32.00	28.11	192.03	.00	.00	.00	108.40
32.50	28.10	187.61	.00	.00	.00	105.30
33.00	28.09	183.32	.00	.00	.00	102.33
33.50	28.08	179.15	.00	.00	.00	99.48
34.00	28.07	175.09	.00	.00	.00	96.74
34.50	28.06	171.14	.00	.00	.00	94.12
35.00	28.06	167.30	.00	.00	.00	91.60
35.50	28.05	163.56	.00	.00	.00	89.18
36.00	28.04	159.93	.00	.00	.00	86.85
36.50	28.03	156.38	.00	.00	.00	84.61
37.00	28.03	152.93	.00	.00	.00	82.46
37.50	28.02	149.56	.00	.00	.00	80.39
38.00	28.01	146.27	.00	.00	.00	78.40
38.50	28.00	143.07	.00	.00	.00	76.48
39.00	27.99	139.96	.00	.00	.00	73.20
39.50	27.97	137.04	.00	.00	.00	67.65
40.00	27.95	134.34	.00	.00	.00	62.74
40.50	27.93	131.84	.00	.00	.00	58.37
41.00	27.92	129.50	.00	.00	.00	54.49
41.50	27.90	127.32	.00	.00	.00	51.03
42.00	27.89	125.27	.00	.00	.00	47.95
42.50	27.87	123.34	.00	.00	.00	45.19
43.00	27.86	121.52	.00	.00	.00	42.73
43.50	27.85	119.80	.00	.00	.00	40.53

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 80

TIME (hrs)	STAGE (ft)	VOLUME (af)	!<----- RUNOFF (cfs)	INFLOW OFFSITE (cfs)	----->! OTHER (cfs)	OUTFLOW (cfs)
44.00	27.84	118.16	.00	.00	.00	38.59
44.50	27.83	116.60	.00	.00	.00	36.87
45.00	27.82	115.11	.00	.00	.00	35.38
45.50	27.81	113.67	.00	.00	.00	34.12
46.00	27.80	112.28	.00	.00	.00	33.19
46.50	27.79	110.93	.00	.00	.00	32.41
47.00	27.78	109.60	.00	.00	.00	31.67
47.50	27.77	108.31	.00	.00	.00	30.95
48.00	27.76	107.04	.00	.00	.00	30.25
48.50	27.75	105.80	.00	.00	.00	29.58
49.00	27.74	104.59	.00	.00	.00	28.93
49.50	27.73	103.41	.00	.00	.00	28.30
50.00	27.73	102.25	.00	.00	.00	27.70
50.50	27.72	101.12	.00	.00	.00	27.11
51.00	27.71	100.01	.00	.00	.00	26.55
51.50	27.70	98.92	.00	.00	.00	26.00
52.00	27.69	97.86	.00	.00	.00	25.47
52.50	27.69	96.82	.00	.00	.00	24.95
53.00	27.68	95.80	.00	.00	.00	24.45
53.50	27.67	94.80	.00	.00	.00	23.97
54.00	27.67	93.81	.00	.00	.00	23.50
54.50	27.66	92.85	.00	.00	.00	23.04
55.00	27.65	91.91	.00	.00	.00	22.60
55.50	27.65	90.98	.00	.00	.00	22.17
56.00	27.64	90.07	.00	.00	.00	21.75
56.50	27.63	89.18	.00	.00	.00	21.35
57.00	27.63	88.31	.00	.00	.00	20.96
57.50	27.62	87.45	.00	.00	.00	20.57
58.00	27.61	86.61	.00	.00	.00	20.20
58.50	27.61	85.78	.00	.00	.00	19.84
59.00	27.60	84.97	.00	.00	.00	19.49
59.50	27.60	84.17	.00	.00	.00	19.15
60.00	27.59	83.38	.00	.00	.00	18.81
60.50	27.59	82.61	.00	.00	.00	18.49
61.00	27.58	81.85	.00	.00	.00	18.17
61.50	27.58	81.11	.00	.00	.00	17.87
62.00	27.57	80.38	.00	.00	.00	17.57
62.50	27.56	79.66	.00	.00	.00	17.28
63.00	27.56	78.95	.00	.00	.00	16.99
63.50	27.55	78.25	.00	.00	.00	16.71
64.00	27.55	77.57	.00	.00	.00	16.44
64.50	27.55	76.89	.00	.00	.00	16.18
65.00	27.54	76.23	.00	.00	.00	15.92
65.50	27.54	75.57	.00	.00	.00	15.67

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 80

TIME (hrs)	STAGE (ft)	VOLUME (af)	!<----- RUNOFF (cfs)	INFLOW ----->! OFFSITE (cfs)	----->! OTHER (cfs)	OUTFLOW (cfs)
66.00	27.53	74.93	.00	.00	.00	15.42
66.50	27.53	74.30	.00	.00	.00	15.18
67.00	27.52	73.68	.00	.00	.00	14.95
67.50	27.52	73.06	.00	.00	.00	14.72
68.00	27.51	72.46	.00	.00	.00	14.50
68.50	27.51	71.86	.00	.00	.00	14.28
69.00	27.51	71.28	.00	.00	.00	14.07
69.50	27.50	70.70	.00	.00	.00	13.86
70.00	27.50	70.13	.00	.00	.00	13.66
70.50	27.49	69.57	.00	.00	.00	13.46
71.00	27.49	69.02	.00	.00	.00	13.26
71.50	27.49	68.47	.00	.00	.00	13.07

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 96

TIME (hrs)	STAGE (ft)	VOLUME (af)	IN<----- RUNOFF (cfs)	INFLOW OFFSITE (cfs)	----->I OTHER (cfs)	OUTFLOW (cfs)
.00	25.00	.00	.00	.00	.00	.00
.50	25.08	.00	.00	.00	.00	.00
1.00	25.17	.00	.00	.00	.00	.00
1.50	25.25	.00	.00	.00	.00	.00
2.00	25.33	.00	.00	.00	.00	.00
2.50	25.42	.00	.00	.00	.00	.00
3.00	25.50	.00	.00	.00	.00	.00
3.50	25.58	.00	.00	.00	.00	.00
4.00	25.67	.00	.00	.00	.03	.00
4.50	25.75	.00	.00	.00	.16	.00
5.00	25.83	.02	.00	.00	.49	.00
5.50	25.92	.05	.00	.00	1.04	.00
6.00	26.00	.10	.00	.00	1.76	.00
6.50	26.13	.19	.00	.00	2.54	.00
7.00	26.25	.30	.00	.00	2.18	.00
7.50	26.38	.36	.00	.00	1.39	.00
8.00	26.50	.44	.00	.00	2.56	.00
8.50	26.63	.57	.00	.00	4.07	.00
9.00	26.75	.78	.00	.00	5.99	.00
9.50	26.88	1.07	.00	.00	8.07	.00
10.00	27.00	1.42	.00	.00	1.55	.00
10.50	27.20	.41	.00	.00	-43.84	.00
11.00	27.40	-2.03	.00	.00	-74.59	.00
11.50	27.60	-5.77	.00	.00	-106.89	.00
12.00	27.80	-10.82	.00	.00	-135.67	.00
12.50	27.80	-15.30	.00	.00	-69.52	.00
13.00	27.80	-16.05	.00	.00	21.50	.00
13.50	27.80	-14.26	.00	.00	67.58	.00
14.00	27.80	-10.59	.00	.00	104.03	.00
14.50	27.80	-5.89	.00	.00	120.04	.00
15.00	27.80	-.76	.00	.00	127.44	.00
15.50	27.80	4.61	.00	.00	132.49	.00
16.00	27.80	10.17	.00	.00	136.51	.00
16.50	27.77	16.06	.00	.00	147.84	.00
17.00	27.74	22.35	.00	.00	156.43	.00
17.50	27.72	28.96	.00	.00	163.52	.00
18.00	27.69	35.85	.00	.00	169.59	.00
18.50	27.66	42.97	.00	.00	174.95	.00
19.00	27.63	50.29	.00	.00	179.71	.00
19.50	27.60	57.81	.00	.00	183.95	.00
20.00	27.58	65.49	.00	.00	187.72	.00
20.50	27.55	73.31	.00	.00	190.97	.00
21.00	27.52	81.26	.00	.00	193.73	.00
21.50	27.49	89.32	.00	.00	196.06	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 96

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	-----> OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
22.00	27.46	97.46	.00	.00	198.00	.00
22.50	27.43	105.68	.00	.00	199.58	.00
23.00	27.41	113.95	.00	.00	200.76	.00
23.50	27.38	122.26	.00	.00	201.55	.00
24.00	27.35	130.60	.00	.00	201.92	.00
24.50	27.32	138.93	.00	.00	197.50	.00
25.00	27.29	147.00	.00	.00	192.90	.00
25.50	27.27	154.88	.00	.00	188.21	.00
26.00	27.24	162.57	.00	.00	183.49	.00
26.50	27.21	170.06	.00	.00	178.79	.00
27.00	27.18	177.36	.00	.00	174.15	.00
27.50	27.15	184.47	.00	.00	169.58	.00
28.00	27.12	191.39	.00	.00	165.12	.00
28.50	27.10	198.13	.00	.00	160.75	.00
29.00	27.07	204.69	.00	.00	156.49	.00
29.50	27.04	211.07	.00	.00	152.35	.00
30.00	27.01	217.29	.00	.00	148.30	.00
30.50	26.98	223.34	.00	.00	144.37	.00
31.00	26.96	229.23	.00	.00	140.52	.00
31.50	26.93	234.97	.00	.00	136.81	.00
32.00	26.90	240.55	.00	.00	133.24	.00
32.50	26.87	245.99	.00	.00	129.79	.00
33.00	26.84	251.29	.00	.00	126.47	.00
33.50	26.82	256.45	.00	.00	123.27	.00
34.00	26.79	261.49	.00	.00	120.18	.00
34.50	26.76	266.40	.00	.00	117.19	.00
35.00	26.73	271.18	.00	.00	114.32	.00
35.50	26.70	275.85	.00	.00	111.54	.00
36.00	26.67	280.41	.00	.00	108.86	.00
36.50	26.65	284.86	.00	.00	106.27	.00
37.00	26.62	289.20	.00	.00	103.76	.00
37.50	26.59	293.44	.00	.00	101.34	.00
38.00	26.56	297.30	.00	.00	82.00	.00
38.50	26.53	300.58	.00	.00	77.52	.00
39.00	26.51	303.74	.00	.00	74.72	.00
39.50	26.48	306.73	.00	.00	69.46	.00
40.00	26.45	309.50	.00	.00	64.48	.00
40.50	26.42	312.08	.00	.00	60.03	.00
41.00	26.39	314.48	.00	.00	56.08	.00
41.50	26.37	316.73	.00	.00	52.55	.00
42.00	26.34	318.84	.00	.00	49.40	.00
42.50	26.31	320.82	.00	.00	46.59	.00
43.00	26.28	322.70	.00	.00	44.07	.00
43.50	26.25	324.48	.00	.00	41.83	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT

=====

NODE ID: 96

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	-----> OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
44.00	26.22	326.17	.00	.00	39.83	.00
44.50	26.20	327.78	.00	.00	38.05	.00
45.00	26.17	329.32	.00	.00	36.47	.00
45.50	26.14	330.80	.00	.00	35.09	.00
46.00	26.11	332.22	.00	.00	33.90	.00
46.50	26.08	333.60	.00	.00	32.85	.00
47.00	26.06	334.94	.00	.00	31.94	.00
47.50	26.03	336.25	.00	.00	31.13	.00
48.00	26.00	337.52	.00	.00	30.38	.00
48.50	25.97	338.76	.00	.00	29.68	.00
49.00	25.94	339.97	.00	.00	29.00	.00
49.50	25.92	341.16	.00	.00	28.36	.00
50.00	25.89	342.32	.00	.00	27.74	.00
50.50	25.86	343.46	.00	.00	27.15	.00
51.00	25.83	344.57	.00	.00	26.57	.00
51.50	25.80	345.65	.00	.00	26.02	.00
52.00	25.77	346.72	.00	.00	25.48	.00
52.50	25.75	347.76	.00	.00	24.97	.00
53.00	25.72	348.78	.00	.00	24.47	.00
53.50	25.69	349.78	.00	.00	23.98	.00
54.00	25.66	350.77	.00	.00	23.51	.00
54.50	25.63	351.73	.00	.00	23.05	.00
55.00	25.61	352.67	.00	.00	22.61	.00
55.50	25.58	353.60	.00	.00	22.18	.00
56.00	25.55	354.51	.00	.00	21.76	.00
56.50	25.52	355.40	.00	.00	21.36	.00
57.00	25.49	356.27	.00	.00	20.96	.00
57.50	25.47	357.13	.00	.00	20.58	.00
58.00	25.44	357.98	.00	.00	20.21	.00
58.50	25.41	358.80	.00	.00	19.85	.00
59.00	25.38	359.62	.00	.00	19.49	.00
59.50	25.35	360.42	.00	.00	19.15	.00
60.00	25.32	361.20	.00	.00	18.82	.00
60.50	25.30	361.97	.00	.00	18.49	.00
61.00	25.27	362.73	.00	.00	18.18	.00
61.50	25.24	363.47	.00	.00	17.87	.00
62.00	25.21	364.21	.00	.00	17.57	.00
62.50	25.18	364.93	.00	.00	17.28	.00
63.00	25.16	365.64	.00	.00	16.99	.00
63.50	25.13	366.33	.00	.00	16.72	.00
64.00	25.10	367.02	.00	.00	16.44	.00
64.50	25.07	367.69	.00	.00	16.18	.00
65.00	25.04	368.36	.00	.00	15.92	.00
65.50	25.02	369.01	.00	.00	15.67	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 96

TIME (hrs)	STAGE (ft)	VOLUME (af)	!<----- RUNOFF (cfs)	INFLOW ----->! OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
66.00	24.99	369.65	.00	.00	15.43	.00
66.50	24.96	370.29	.00	.00	15.19	.00
67.00	24.93	370.91	.00	.00	14.95	.00
67.50	24.90	371.52	.00	.00	14.72	.00
68.00	24.87	372.13	.00	.00	14.50	.00
68.50	24.85	372.72	.00	.00	14.28	.00
69.00	24.82	373.31	.00	.00	14.07	.00
69.50	24.79	373.88	.00	.00	13.86	.00
70.00	24.76	374.45	.00	.00	13.66	.00
70.50	24.73	375.01	.00	.00	13.46	.00
71.00	24.71	375.57	.00	.00	13.26	.00
71.50	24.68	376.11	.00	.00	13.07	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 97

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	INFLOW OFFSITE (cfs)	-----> OTHER (cfs)	OUTFLOW (cfs)
.00	22.00	.00	.00	.00	.00	.00
.50	22.17	.00	.00	.00	.00	.00
1.00	22.33	.00	.00	.00	.00	.00
1.50	22.50	.00	.00	.00	.00	.00
2.00	22.67	.00	.00	.00	.00	.00
2.50	22.83	.00	.00	.00	.00	.00
3.00	23.00	.00	.00	.00	.00	.00
3.50	23.17	.00	.00	.00	.00	.00
4.00	23.33	.00	.00	.00	.00	.00
4.50	23.50	.00	.00	.00	.01	.00
5.00	23.67	.00	.00	.00	.04	.00
5.50	23.83	.00	.00	.00	.09	.00
6.00	24.00	.01	.00	.00	.20	.00
6.50	24.13	.02	.00	.00	.37	.00
7.00	24.25	.04	.00	.00	.66	.00
7.50	24.38	.08	.00	.00	1.09	.00
8.00	24.50	.13	.00	.00	1.72	.00
8.50	24.63	.22	.00	.00	2.60	.00
9.00	24.75	.35	.00	.00	3.83	.00
9.50	24.88	.54	.00	.00	5.51	.00
10.00	25.00	.82	.00	.00	7.77	.00
10.50	25.38	1.18	.00	.00	8.88	.00
11.00	25.75	1.11	.00	.00	-17.05	.00
11.50	26.13	-.17	.00	.00	-46.72	.00
12.00	26.50	-2.78	.00	.00	-81.44	.00
12.50	26.50	-6.00	.00	.00	-73.54	.00
13.00	26.50	-8.81	.00	.00	-61.68	.00
13.50	26.50	-11.00	.00	.00	-42.10	.00
14.00	26.50	-12.10	.00	.00	-7.91	.00
14.50	26.50	-11.60	.00	.00	28.06	.00
15.00	26.50	-10.02	.00	.00	46.87	.00
15.50	26.50	-7.84	.00	.00	58.12	.00
16.00	26.50	-5.28	.00	.00	65.18	.00
16.50	26.46	-2.35	.00	.00	75.67	.00
17.00	26.42	.92	.00	.00	82.39	.00
17.50	26.38	4.42	.00	.00	86.76	.00
18.00	26.34	8.07	.00	.00	89.57	.00
18.50	26.30	11.81	.00	.00	91.31	.00
19.00	26.27	15.60	.00	.00	92.30	.00
19.50	26.23	19.43	.00	.00	92.74	.00
20.00	26.19	23.26	.00	.00	92.79	.00
20.50	26.15	27.09	.00	.00	92.51	.00
21.00	26.11	30.91	.00	.00	92.00	.00
21.50	26.07	34.69	.00	.00	91.32	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT

=====

NODE ID: 97

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	-----> OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
22.00	26.03	38.45	.00	.00	90.53	.00
22.50	25.99	42.17	.00	.00	89.67	.00
23.00	25.95	45.86	.00	.00	88.76	.00
23.50	25.91	49.51	.00	.00	87.80	.00
24.00	25.88	53.12	.00	.00	86.80	.00
24.50	25.84	56.62	.00	.00	81.18	.00
25.00	25.80	59.88	.00	.00	76.50	.00
25.50	25.76	62.97	.00	.00	72.48	.00
26.00	25.72	65.89	.00	.00	68.98	.00
26.50	25.68	68.68	.00	.00	65.93	.00
27.00	25.64	71.35	.00	.00	63.24	.00
27.50	25.60	73.92	.00	.00	60.85	.00
28.00	25.56	76.39	.00	.00	58.73	.00
28.50	25.52	78.78	.00	.00	56.81	.00
29.00	25.48	81.09	.00	.00	55.08	.00
29.50	25.44	83.34	.00	.00	53.49	.00
30.00	25.41	85.52	.00	.00	52.02	.00
30.50	25.37	87.64	.00	.00	50.64	.00
31.00	25.33	89.71	.00	.00	49.34	.00
31.50	25.29	91.73	.00	.00	48.08	.00
32.00	25.25	93.69	.00	.00	46.84	.00
32.50	25.21	95.57	.00	.00	43.16	.00
33.00	25.17	97.27	.00	.00	38.62	.00
33.50	25.13	98.79	.00	.00	35.05	.00
34.00	25.09	100.18	.00	.00	32.18	.00
34.50	25.05	101.46	.00	.00	29.78	.00
35.00	25.02	102.65	.00	.00	27.70	.00
35.50	24.98	103.76	.00	.00	25.81	.00
36.00	24.94	104.79	.00	.00	24.10	.00
36.50	24.90	105.76	.00	.00	22.55	.00
37.00	24.86	106.66	.00	.00	21.13	.00
37.50	24.82	107.51	.00	.00	19.84	.00
38.00	24.78	108.31	.00	.00	18.65	.00
38.50	24.74	109.06	.00	.00	17.56	.00
39.00	24.70	109.76	.00	.00	16.56	.00
39.50	24.66	110.43	.00	.00	15.64	.00
40.00	24.62	111.06	.00	.00	14.78	.00
40.50	24.59	111.65	.00	.00	13.99	.00
41.00	24.55	112.22	.00	.00	13.26	.00
41.50	24.51	112.75	.00	.00	12.58	.00
42.00	24.47	113.26	.00	.00	11.95	.00
42.50	24.43	113.74	.00	.00	11.36	.00
43.00	24.39	114.20	.00	.00	10.81	.00
43.50	24.35	114.64	.00	.00	10.29	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT

=====

NODE ID: 97

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	INFLOW OFFSITE (cfs)	-----> OTHER (cfs)	OUTFLOW (cfs)
44.00	24.31	115.05	.00	.00	9.81	.00
44.50	24.27	115.45	.00	.00	9.36	.00
45.00	24.23	115.83	.00	.00	8.94	.00
45.50	24.19	116.19	.00	.00	8.54	.00
46.00	24.16	116.54	.00	.00	8.17	.00
46.50	24.12	116.87	.00	.00	7.82	.00
47.00	24.08	117.18	.00	.00	7.49	.00
47.50	24.04	117.49	.00	.00	7.18	.00
48.00	24.00	117.78	.00	.00	6.88	.00
48.50	23.96	118.06	.00	.00	6.61	.00
49.00	23.92	118.32	.00	.00	6.34	.00
49.50	23.88	118.58	.00	.00	6.09	.00
50.00	23.84	118.83	.00	.00	5.86	.00
50.50	23.80	119.07	.00	.00	5.64	.00
51.00	23.77	119.30	.00	.00	5.42	.00
51.50	23.73	119.52	.00	.00	5.22	.00
52.00	23.69	119.73	.00	.00	5.03	.00
52.50	23.65	119.93	.00	.00	4.85	.00
53.00	23.61	120.13	.00	.00	4.68	.00
53.50	23.57	120.32	.00	.00	4.51	.00
54.00	23.53	120.50	.00	.00	4.36	.00
54.50	23.49	120.68	.00	.00	4.21	.00
55.00	23.45	120.85	.00	.00	4.07	.00
55.50	23.41	121.02	.00	.00	3.93	.00
56.00	23.37	121.18	.00	.00	3.80	.00
56.50	23.34	121.33	.00	.00	3.68	.00
57.00	23.30	121.48	.00	.00	3.56	.00
57.50	23.26	121.63	.00	.00	3.44	.00
58.00	23.22	121.77	.00	.00	3.34	.00
58.50	23.18	121.90	.00	.00	3.23	.00
59.00	23.14	122.03	.00	.00	3.13	.00
59.50	23.10	122.16	.00	.00	3.04	.00
60.00	23.06	122.28	.00	.00	2.94	.00
60.50	23.02	122.40	.00	.00	2.86	.00
61.00	22.98	122.52	.00	.00	2.77	.00
61.50	22.94	122.63	.00	.00	2.69	.00
62.00	22.91	122.74	.00	.00	2.61	.00
62.50	22.87	122.85	.00	.00	2.54	.00
63.00	22.83	122.95	.00	.00	2.47	.00
63.50	22.79	123.05	.00	.00	2.40	.00
64.00	22.75	123.15	.00	.00	2.33	.00
64.50	22.71	123.25	.00	.00	2.27	.00
65.00	22.67	123.34	.00	.00	2.20	.00
65.50	22.63	123.43	.00	.00	2.15	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 97

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	OFFSITE (cfs)	OTHER -----> (cfs)	OUTFLOW (cfs)
66.00	22.59	123.52	.00	.00	2.09	.00
66.50	22.55	123.60	.00	.00	2.03	.00
67.00	22.52	123.68	.00	.00	1.98	.00
67.50	22.48	123.77	.00	.00	1.93	.00
68.00	22.44	123.84	.00	.00	1.88	.00
68.50	22.40	123.92	.00	.00	1.83	.00
69.00	22.36	124.00	.00	.00	1.78	.00
69.50	22.32	124.07	.00	.00	1.74	.00
70.00	22.28	124.14	.00	.00	1.70	.00
70.50	22.24	124.21	.00	.00	1.65	.00
71.00	22.20	124.28	.00	.00	1.61	.00
71.50	22.16	124.34	.00	.00	1.57	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 98

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	INFLOW OFFSITE (cfs)	-----> OTHER (cfs)	OUTFLOW (cfs)
.00	18.90	.00	.00	.00	.00	.00
.50	18.99	.00	.00	.00	.00	.00
1.00	19.08	.00	.00	.00	.00	.00
1.50	19.18	.00	.00	.00	.00	.00
2.00	19.27	.00	.00	.00	.00	.00
2.50	19.36	.00	.00	.00	.00	.00
3.00	19.45	.00	.00	.00	.00	.00
3.50	19.54	.00	.00	.00	.00	.00
4.00	19.63	.00	.00	.00	.00	.00
4.50	19.73	.00	.00	.00	.01	.00
5.00	19.82	.00	.00	.00	.03	.00
5.50	19.91	.00	.00	.00	.09	.00
6.00	20.00	.01	.00	.00	.18	.00
6.50	20.25	.02	.00	.00	.34	.00
7.00	20.50	.04	.00	.00	.58	.00
7.50	20.75	.07	.00	.00	.92	.00
8.00	21.00	.11	.00	.00	1.38	.00
8.50	21.25	.18	.00	.00	1.99	.00
9.00	21.50	.28	.00	.00	2.72	.00
9.50	21.75	.41	.00	.00	3.46	.00
10.00	22.00	.57	.00	.00	4.18	.00
10.50	23.00	.75	.00	.00	4.96	.00
11.00	24.00	.98	.00	.00	5.91	.00
11.50	25.00	.64	.00	.00	-37.24	.00
12.00	26.00	-2.67	.00	.00	-133.47	.00
12.50	26.00	-4.97	.00	.00	9.73	.00
13.00	26.00	-4.41	.00	.00	14.89	.00
13.50	26.00	-3.81	.00	.00	14.16	.00
14.00	26.00	-3.23	.00	.00	14.02	.00
14.50	26.00	-2.63	.00	.00	14.96	.00
15.00	26.00	-1.99	.00	.00	16.13	.00
15.50	26.00	-1.30	.00	.00	17.26	.00
16.00	26.00	-.57	.00	.00	18.12	.00
16.50	25.94	.70	.00	.00	37.42	.00
17.00	25.88	2.12	.00	.00	33.54	.00
17.50	25.81	3.52	.00	.00	34.50	.00
18.00	25.75	4.96	.00	.00	35.18	.00
18.50	25.69	6.42	.00	.00	35.41	.00
19.00	25.63	7.89	.00	.00	35.25	.00
19.50	25.56	9.34	.00	.00	34.97	.00
20.00	25.50	10.77	.00	.00	34.58	.00
20.50	25.44	12.19	.00	.00	34.02	.00
21.00	25.38	13.58	.00	.00	33.40	.00
21.50	25.31	14.95	.00	.00	32.78	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT

=====

NODE ID: 98

TIME (hrs)	STAGE (ft)	VOLUME (af)	IN<----->RUNDFF (cfs)	INFLOW OFFSITE (cfs)	----->OTHER (cfs)	OUTFLOW (cfs)
22.00	25.25	16.29	.00	.00	32.15	.00
22.50	25.19	17.61	.00	.00	31.51	.00
23.00	25.13	18.90	.00	.00	30.81	.00
23.50	25.06	20.15	.00	.00	30.04	.00
24.00	25.00	21.38	.00	.00	29.19	.00
24.50	24.94	22.54	.00	.00	26.46	.00
25.00	24.87	23.58	.00	.00	21.38	.00
25.50	24.81	24.32	.00	.00	15.97	.00
26.00	24.75	24.96	.00	.00	14.67	.00
26.50	24.69	25.54	.00	.00	13.77	.00
27.00	24.62	26.10	.00	.00	12.93	.00
27.50	24.56	26.62	.00	.00	12.08	.00
28.00	24.50	27.10	.00	.00	11.21	.00
28.50	24.44	27.54	.00	.00	10.36	.00
29.00	24.37	27.96	.00	.00	9.58	.00
29.50	24.31	28.34	.00	.00	8.92	.00
30.00	24.25	28.70	.00	.00	8.44	.00
30.50	24.19	29.04	.00	.00	7.90	.00
31.00	24.12	29.35	.00	.00	7.25	.00
31.50	24.06	29.64	.00	.00	6.72	.00
32.00	24.00	29.91	.00	.00	6.25	.00
32.50	23.94	30.16	.00	.00	5.73	.00
33.00	23.87	30.38	.00	.00	4.93	.00
33.50	23.81	30.57	.00	.00	4.14	.00
34.00	23.75	30.73	.00	.00	3.47	.00
34.50	23.69	30.86	.00	.00	2.94	.00
35.00	23.62	30.97	.00	.00	2.55	.00
35.50	23.56	31.07	.00	.00	2.28	.00
36.00	23.50	31.16	.00	.00	2.09	.00
36.50	23.44	31.25	.00	.00	1.94	.00
37.00	23.37	31.32	.00	.00	1.82	.00
37.50	23.31	31.40	.00	.00	1.72	.00
38.00	23.25	31.47	.00	.00	1.62	.00
38.50	23.19	31.53	.00	.00	1.53	.00
39.00	23.12	31.59	.00	.00	1.45	.00
39.50	23.06	31.65	.00	.00	1.37	.00
40.00	23.00	31.71	.00	.00	1.30	.00
40.50	22.94	31.76	.00	.00	1.23	.00
41.00	22.87	31.81	.00	.00	1.17	.00
41.50	22.81	31.86	.00	.00	1.11	.00
42.00	22.75	31.90	.00	.00	1.06	.00
42.50	22.69	31.94	.00	.00	1.01	.00
43.00	22.62	31.98	.00	.00	.96	.00
43.50	22.56	32.02	.00	.00	.92	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT

=====

NODE ID: 98

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	INFLOW OFFSITE (cfs)	-----> OTHER (cfs)	OUTFLOW (cfs)
44.00	22.50	32.06	.00	.00	.87	.00
44.50	22.44	32.10	.00	.00	.83	.00
45.00	22.37	32.13	.00	.00	.80	.00
45.50	22.31	32.16	.00	.00	.76	.00
46.00	22.25	32.19	.00	.00	.73	.00
46.50	22.19	32.22	.00	.00	.70	.00
47.00	22.12	32.25	.00	.00	.67	.00
47.50	22.06	32.28	.00	.00	.64	.00
48.00	22.00	32.30	.00	.00	.62	.00
48.50	21.94	32.33	.00	.00	.59	.00
49.00	21.87	32.35	.00	.00	.57	.00
49.50	21.81	32.38	.00	.00	.55	.00
50.00	21.75	32.40	.00	.00	.52	.00
50.50	21.69	32.42	.00	.00	.50	.00
51.00	21.62	32.44	.00	.00	.49	.00
51.50	21.56	32.46	.00	.00	.47	.00
52.00	21.50	32.48	.00	.00	.45	.00
52.50	21.44	32.50	.00	.00	.43	.00
53.00	21.37	32.51	.00	.00	.42	.00
53.50	21.31	32.53	.00	.00	.40	.00
54.00	21.25	32.55	.00	.00	.39	.00
54.50	21.19	32.56	.00	.00	.38	.00
55.00	21.12	32.58	.00	.00	.36	.00
55.50	21.06	32.59	.00	.00	.35	.00
56.00	21.00	32.61	.00	.00	.34	.00
56.50	20.94	32.62	.00	.00	.33	.00
57.00	20.87	32.63	.00	.00	.32	.00
57.50	20.81	32.65	.00	.00	.31	.00
58.00	20.75	32.66	.00	.00	.30	.00
58.50	20.69	32.67	.00	.00	.29	.00
59.00	20.62	32.68	.00	.00	.28	.00
59.50	20.56	32.70	.00	.00	.27	.00
60.00	20.50	32.71	.00	.00	.26	.00
60.50	20.44	32.72	.00	.00	.25	.00
61.00	20.37	32.73	.00	.00	.25	.00
61.50	20.31	32.74	.00	.00	.24	.00
62.00	20.25	32.75	.00	.00	.23	.00
62.50	20.19	32.76	.00	.00	.23	.00
63.00	20.12	32.77	.00	.00	.22	.00
63.50	20.06	32.77	.00	.00	.21	.00
64.00	20.00	32.78	.00	.00	.21	.00
64.50	19.94	32.79	.00	.00	.20	.00
65.00	19.87	32.80	.00	.00	.20	.00
65.50	19.81	32.81	.00	.00	.19	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 98

TIME (hrs)	STAGE (ft)	VOLUME (af)	!<----- RUNOFF (cfs)	INFLOW ----->! OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
66.00	19.75	32.82	.00	.00	.19	.00
66.50	19.69	32.82	.00	.00	.18	.00
67.00	19.62	32.83	.00	.00	.18	.00
67.50	19.56	32.84	.00	.00	.17	.00
68.00	19.50	32.85	.00	.00	.17	.00
68.50	19.44	32.85	.00	.00	.16	.00
69.00	19.37	32.86	.00	.00	.16	.00
69.50	19.31	32.86	.00	.00	.15	.00
70.00	19.25	32.87	.00	.00	.15	.00
70.50	19.19	32.88	.00	.00	.15	.00
71.00	19.12	32.88	.00	.00	.14	.00
71.50	19.06	32.89	.00	.00	.14	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 99

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	OFFSITE (cfs)	OTHER -----> (cfs)	OUTFLOW (cfs)
.00	18.90	.00	.00	.00	.00	.00
.50	18.99	.00	.00	.00	.00	.00
1.00	19.08	.00	.00	.00	.00	.00
1.50	19.18	.00	.00	.00	.00	.00
2.00	19.27	.00	.00	.00	.00	.00
2.50	19.36	.00	.00	.00	.00	.00
3.00	19.45	.00	.00	.00	.00	.00
3.50	19.54	.00	.00	.00	.00	.00
4.00	19.63	.00	.00	.00	.00	.00
4.50	19.73	.00	.00	.00	.00	.00
5.00	19.82	.00	.00	.00	.00	.00
5.50	19.91	.00	.00	.00	.00	.00
6.00	20.00	.00	.00	.00	.00	.00
6.50	20.25	.00	.00	.00	.00	.00
7.00	20.50	.00	.00	.00	.00	.00
7.50	20.75	.00	.00	.00	.00	.00
8.00	21.00	.00	.00	.00	.00	.00
8.50	21.25	.00	.00	.00	.28	.00
9.00	21.50	.06	.00	.00	2.82	.00
9.50	21.75	.25	.00	.00	6.35	.00
10.00	22.00	.59	.00	.00	10.29	.00
10.50	23.00	1.10	.00	.00	14.89	.00
11.00	24.00	1.84	.00	.00	20.85	.00
11.50	25.00	-.64	.00	.00	-253.48	.00
12.00	26.00	-22.12	.00	.00	-826.43	.00
12.50	26.00	-36.30	.00	.00	208.76	.00
13.00	26.00	-26.43	.00	.00	248.86	.00
13.50	26.00	-16.24	.00	.00	243.63	.00
14.00	26.00	-6.23	.00	.00	242.60	.00
14.50	26.00	3.92	.00	.00	249.30	.00
15.00	26.00	14.39	.00	.00	257.38	.00
15.50	26.00	25.18	.00	.00	264.83	.00
16.00	26.00	36.25	.00	.00	270.40	.00
16.50	25.94	50.14	.00	.00	366.17	.00
17.00	25.88	64.48	.00	.00	338.78	.00
17.50	25.81	78.39	.00	.00	334.87	.00
18.00	25.75	92.13	.00	.00	329.49	.00
18.50	25.69	105.60	.00	.00	322.02	.00
19.00	25.63	118.72	.00	.00	312.75	.00
19.50	25.56	131.44	.00	.00	302.98	.00
20.00	25.50	143.76	.00	.00	292.76	.00
20.50	25.44	155.63	.00	.00	281.93	.00
21.00	25.38	167.06	.00	.00	270.96	.00
21.50	25.31	178.03	.00	.00	260.13	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 99

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	OFFSITE (cfs)	OTHER -----> (cfs)	OUTFLOW (cfs)
22.00	25.25	188.56	.00	.00	249.54	.00
22.50	25.19	198.66	.00	.00	239.20	.00
23.00	25.13	208.34	.00	.00	228.88	.00
23.50	25.06	217.58	.00	.00	218.66	.00
24.00	25.00	226.41	.00	.00	208.48	.00
24.50	24.94	234.70	.00	.00	188.09	.00
25.00	24.87	242.06	.00	.00	154.29	.00
25.50	24.81	247.57	.00	.00	118.81	.00
26.00	24.75	252.21	.00	.00	105.93	.00
26.50	24.69	256.38	.00	.00	95.68	.00
27.00	24.62	260.16	.00	.00	86.40	.00
27.50	24.56	263.56	.00	.00	77.79	.00
28.00	24.50	266.62	.00	.00	69.73	.00
28.50	24.44	269.35	.00	.00	62.07	.00
29.00	24.37	271.77	.00	.00	54.70	.00
29.50	24.31	273.89	.00	.00	47.31	.00
30.00	24.25	275.69	.00	.00	39.49	.00
30.50	24.19	277.20	.00	.00	33.85	.00
31.00	24.12	278.52	.00	.00	29.57	.00
31.50	24.06	279.67	.00	.00	26.04	.00
32.00	24.00	280.68	.00	.00	22.99	.00
32.50	23.94	281.58	.00	.00	19.71	.00
33.00	23.87	282.30	.00	.00	14.77	.00
33.50	23.81	282.82	.00	.00	10.12	.00
34.00	23.75	283.16	.00	.00	6.44	.00
34.50	23.69	283.37	.00	.00	3.79	.00
35.00	23.62	283.49	.00	.00	2.10	.00
35.50	23.56	283.56	.00	.00	1.11	.00
36.00	23.50	283.59	.00	.00	.53	.00
36.50	23.44	283.61	.00	.00	.18	.00
37.00	23.37	283.61	.00	.00	.01	.00
37.50	23.31	283.61	.00	.00	.00	.00
38.00	23.25	283.61	.00	.00	.00	.00
38.50	23.19	283.61	.00	.00	.00	.00
39.00	23.12	283.61	.00	.00	.00	.00
39.50	23.06	283.61	.00	.00	.00	.00
40.00	23.00	283.61	.00	.00	.00	.00
40.50	22.94	283.61	.00	.00	.00	.00
41.00	22.87	283.61	.00	.00	.00	.00
41.50	22.81	283.61	.00	.00	.00	.00
42.00	22.75	283.61	.00	.00	.00	.00
42.50	22.69	283.61	.00	.00	.00	.00
43.00	22.62	283.61	.00	.00	.00	.00
43.50	22.56	283.61	.00	.00	.00	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 99

TIME (hrs)	STAGE (ft)	VOLUME (af)	INFLOW <----- RUNOFF (cfs)	OFFSITE (cfs)	OTHER -----> (cfs)	OUTFLOW (cfs)
44.00	22.50	283.61	.00	.00	.00	.00
44.50	22.44	283.61	.00	.00	.00	.00
45.00	22.37	283.61	.00	.00	.00	.00
45.50	22.31	283.61	.00	.00	.00	.00
46.00	22.25	283.61	.00	.00	.00	.00
46.50	22.19	283.61	.00	.00	.00	.00
47.00	22.12	283.61	.00	.00	.00	.00
47.50	22.06	283.61	.00	.00	.00	.00
48.00	22.00	283.61	.00	.00	.00	.00
48.50	21.94	283.61	.00	.00	.00	.00
49.00	21.87	283.61	.00	.00	.00	.00
49.50	21.81	283.61	.00	.00	.00	.00
50.00	21.75	283.61	.00	.00	.00	.00
50.50	21.69	283.61	.00	.00	.00	.00
51.00	21.62	283.61	.00	.00	.00	.00
51.50	21.56	283.61	.00	.00	.00	.00
52.00	21.50	283.61	.00	.00	.00	.00
52.50	21.44	283.61	.00	.00	.00	.00
53.00	21.37	283.61	.00	.00	.00	.00
53.50	21.31	283.61	.00	.00	.00	.00
54.00	21.25	283.61	.00	.00	.00	.00
54.50	21.19	283.61	.00	.00	.00	.00
55.00	21.12	283.61	.00	.00	.00	.00
55.50	21.06	283.61	.00	.00	.00	.00
56.00	21.00	283.61	.00	.00	.00	.00
56.50	20.94	283.61	.00	.00	.00	.00
57.00	20.87	283.61	.00	.00	.00	.00
57.50	20.81	283.61	.00	.00	.00	.00
58.00	20.75	283.61	.00	.00	.00	.00
58.50	20.69	283.61	.00	.00	.00	.00
59.00	20.62	283.61	.00	.00	.00	.00
59.50	20.56	283.61	.00	.00	.00	.00
60.00	20.50	283.61	.00	.00	.00	.00
60.50	20.44	283.61	.00	.00	.00	.00
61.00	20.37	283.61	.00	.00	.00	.00
61.50	20.31	283.61	.00	.00	.00	.00
62.00	20.25	283.61	.00	.00	.00	.00
62.50	20.19	283.61	.00	.00	.00	.00
63.00	20.12	283.61	.00	.00	.00	.00
63.50	20.06	283.61	.00	.00	.00	.00
64.00	20.00	283.61	.00	.00	.00	.00
64.50	19.94	283.61	.00	.00	.00	.00
65.00	19.87	283.61	.00	.00	.00	.00
65.50	19.81	283.61	.00	.00	.00	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL STAGE/VOLUME/FLOW REPORT
 =====

NODE ID: 99

TIME (hrs)	STAGE (ft)	VOLUME (af)	<----- RUNOFF (cfs)	INFLOW OFFSITE (cfs)	-----> OTHER (cfs)	OUTFLOW (cfs)
66.00	19.75	283.61	.00	.00	.00	.00
66.50	19.69	283.61	.00	.00	.00	.00
67.00	19.62	283.61	.00	.00	.00	.00
67.50	19.56	283.61	.00	.00	.00	.00
68.00	19.50	283.61	.00	.00	.00	.00
68.50	19.44	283.61	.00	.00	.00	.00
69.00	19.37	283.61	.00	.00	.00	.00
69.50	19.31	283.61	.00	.00	.00	.00
70.00	19.25	283.61	.00	.00	.00	.00
70.50	19.19	283.61	.00	.00	.00	.00
71.00	19.12	283.61	.00	.00	.00	.00
71.50	19.06	283.61	.00	.00	.00	.00

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT

=====

REACH ID: S1-96

FROM NODE ID: S1

TO NODE ID: 96

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
.00	.00	26.10	25.00	N/A	N/A	N/A
.50	.00	26.10	25.08	N/A	N/A	N/A
1.00	.00	26.10	25.17	N/A	N/A	N/A
1.50	.00	26.10	25.25	N/A	N/A	N/A
2.00	.00	26.10	25.33	N/A	N/A	N/A
2.50	.00	26.10	25.42	N/A	N/A	N/A
3.00	.00	26.10	25.50	N/A	N/A	N/A
3.50	.00	26.10	25.58	N/A	N/A	N/A
4.00	.03	26.11	25.67	N/A	N/A	N/A
4.50	.16	26.12	25.75	N/A	N/A	N/A
5.00	.48	26.14	25.83	N/A	N/A	N/A
5.50	1.03	26.17	25.92	N/A	N/A	N/A
6.00	1.75	26.20	26.00	N/A	N/A	N/A
6.50	2.51	26.23	26.13	N/A	N/A	N/A
7.00	2.14	26.27	26.25	N/A	N/A	N/A
7.50	1.31	26.38	26.38	N/A	N/A	N/A
8.00	2.44	26.51	26.50	N/A	N/A	N/A
8.50	3.88	26.64	26.63	N/A	N/A	N/A
9.00	5.70	26.77	26.75	N/A	N/A	N/A
9.50	7.63	26.90	26.88	N/A	N/A	N/A
10.00	.90	27.00	27.00	N/A	N/A	N/A
10.50	-41.50	27.05	27.20	N/A	N/A	N/A
11.00	-66.04	27.14	27.40	N/A	N/A	N/A
11.50	-88.58	27.26	27.60	N/A	N/A	N/A
12.00	-104.36	27.47	27.80	N/A	N/A	N/A
12.50	-41.23	27.73	27.80	N/A	N/A	N/A
13.00	44.27	27.87	27.80	N/A	N/A	N/A
13.50	68.03	27.93	27.80	N/A	N/A	N/A
14.00	74.84	27.94	27.80	N/A	N/A	N/A
14.50	82.12	27.96	27.80	N/A	N/A	N/A
15.00	84.98	27.97	27.80	N/A	N/A	N/A
15.50	85.84	27.97	27.80	N/A	N/A	N/A
16.00	86.02	27.97	27.80	N/A	N/A	N/A
16.50	92.62	27.97	27.77	N/A	N/A	N/A
17.00	96.94	27.96	27.74	N/A	N/A	N/A
17.50	100.18	27.95	27.72	N/A	N/A	N/A
18.00	102.78	27.94	27.69	N/A	N/A	N/A
18.50	105.04	27.93	27.66	N/A	N/A	N/A
19.00	107.02	27.92	27.63	N/A	N/A	N/A
19.50	108.80	27.90	27.60	N/A	N/A	N/A
20.00	110.42	27.89	27.58	N/A	N/A	N/A
20.50	111.80	27.88	27.55	N/A	N/A	N/A
21.00	112.96	27.87	27.52	N/A	N/A	N/A
21.50	113.93	27.86	27.49	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: S1-96

FROM NODE ID: S1

TO NODE ID: 96

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
22.00	114.74	27.85	27.46	N/A	N/A	N/A
22.50	115.38	27.83	27.43	N/A	N/A	N/A
23.00	115.82	27.82	27.41	N/A	N/A	N/A
23.50	116.04	27.81	27.38	N/A	N/A	N/A
24.00	116.01	27.79	27.35	N/A	N/A	N/A
24.50	113.31	27.77	27.32	N/A	N/A	N/A
25.00	110.36	27.74	27.29	N/A	N/A	N/A
25.50	107.25	27.71	27.27	N/A	N/A	N/A
26.00	104.06	27.68	27.24	N/A	N/A	N/A
26.50	100.83	27.64	27.21	N/A	N/A	N/A
27.00	97.62	27.61	27.18	N/A	N/A	N/A
27.50	94.44	27.58	27.15	N/A	N/A	N/A
28.00	91.31	27.55	27.12	N/A	N/A	N/A
28.50	88.26	27.52	27.10	N/A	N/A	N/A
29.00	85.29	27.49	27.07	N/A	N/A	N/A
29.50	82.40	27.45	27.04	N/A	N/A	N/A
30.00	79.60	27.42	27.01	N/A	N/A	N/A
30.50	76.89	27.39	26.98	N/A	N/A	N/A
31.00	74.27	27.36	26.96	N/A	N/A	N/A
31.50	71.74	27.33	26.93	N/A	N/A	N/A
32.00	69.30	27.30	26.90	N/A	N/A	N/A
32.50	66.95	27.28	26.87	N/A	N/A	N/A
33.00	64.67	27.25	26.84	N/A	N/A	N/A
33.50	62.48	27.22	26.82	N/A	N/A	N/A
34.00	60.36	27.19	26.79	N/A	N/A	N/A
34.50	58.31	27.16	26.76	N/A	N/A	N/A
35.00	56.34	27.14	26.73	N/A	N/A	N/A
35.50	54.44	27.11	26.70	N/A	N/A	N/A
36.00	52.59	27.08	26.67	N/A	N/A	N/A
36.50	50.82	27.06	26.65	N/A	N/A	N/A
37.00	49.10	27.03	26.62	N/A	N/A	N/A
37.50	47.43	27.01	26.59	N/A	N/A	N/A
38.00	28.83	26.81	26.56	N/A	N/A	N/A
38.50	25.06	26.75	26.53	N/A	N/A	N/A
39.00	23.49	26.72	26.51	N/A	N/A	N/A
39.50	20.34	26.67	26.48	N/A	N/A	N/A
40.00	17.26	26.62	26.45	N/A	N/A	N/A
40.50	14.55	26.57	26.42	N/A	N/A	N/A
41.00	12.18	26.53	26.39	N/A	N/A	N/A
41.50	10.10	26.48	26.37	N/A	N/A	N/A
42.00	8.29	26.44	26.34	N/A	N/A	N/A
42.50	6.71	26.40	26.31	N/A	N/A	N/A
43.00	5.34	26.36	26.28	N/A	N/A	N/A
43.50	4.17	26.32	26.25	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: S1-96

FROM NODE ID: S1

TO NODE ID: 96

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
44.00	3.17	26.28	26.22	N/A	N/A	N/A
44.50	2.33	26.24	26.20	N/A	N/A	N/A
45.00	1.64	26.21	26.17	N/A	N/A	N/A
45.50	1.10	26.18	26.14	N/A	N/A	N/A
46.00	.71	26.16	26.11	N/A	N/A	N/A
46.50	.43	26.14	26.08	N/A	N/A	N/A
47.00	.27	26.13	26.06	N/A	N/A	N/A
47.50	.18	26.12	26.03	N/A	N/A	N/A
48.00	.13	26.12	26.00	N/A	N/A	N/A
48.50	.10	26.11	25.97	N/A	N/A	N/A
49.00	.07	26.11	25.94	N/A	N/A	N/A
49.50	.06	26.11	25.92	N/A	N/A	N/A
50.00	.04	26.11	25.89	N/A	N/A	N/A
50.50	.04	26.11	25.86	N/A	N/A	N/A
51.00	.03	26.11	25.83	N/A	N/A	N/A
51.50	.02	26.11	25.80	N/A	N/A	N/A
52.00	.02	26.11	25.77	N/A	N/A	N/A
52.50	.02	26.10	25.75	N/A	N/A	N/A
53.00	.01	26.10	25.72	N/A	N/A	N/A
53.50	.01	26.10	25.69	N/A	N/A	N/A
54.00	.01	26.10	25.66	N/A	N/A	N/A
54.50	.01	26.10	25.63	N/A	N/A	N/A
55.00	.01	26.10	25.61	N/A	N/A	N/A
55.50	.01	26.10	25.58	N/A	N/A	N/A
56.00	.01	26.10	25.55	N/A	N/A	N/A
56.50	.01	26.10	25.52	N/A	N/A	N/A
57.00	.01	26.10	25.49	N/A	N/A	N/A
57.50	.00	26.10	25.47	N/A	N/A	N/A
58.00	.00	26.10	25.44	N/A	N/A	N/A
58.50	.00	26.10	25.41	N/A	N/A	N/A
59.00	.00	26.10	25.38	N/A	N/A	N/A
59.50	.00	26.10	25.35	N/A	N/A	N/A
60.00	.00	26.10	25.32	N/A	N/A	N/A
60.50	.00	26.10	25.30	N/A	N/A	N/A
61.00	.00	26.10	25.27	N/A	N/A	N/A
61.50	.00	26.10	25.24	N/A	N/A	N/A
62.00	.00	26.10	25.21	N/A	N/A	N/A
62.50	.00	26.10	25.18	N/A	N/A	N/A
63.00	.00	26.10	25.16	N/A	N/A	N/A
63.50	.00	26.10	25.13	N/A	N/A	N/A
64.00	.00	26.10	25.10	N/A	N/A	N/A
64.50	.00	26.10	25.07	N/A	N/A	N/A
65.00	.00	26.10	25.04	N/A	N/A	N/A
65.50	.00	26.10	25.02	N/A	N/A	N/A

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
=====

REACH ID: S1-96

FROM NODE ID: S1

TO NODE ID: 96

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
66.00	.00	26.10	24.99	N/A	N/A	N/A
66.50	.00	26.10	24.96	N/A	N/A	N/A
67.00	.00	26.10	24.93	N/A	N/A	N/A
67.50	.00	26.10	24.90	N/A	N/A	N/A
68.00	.00	26.10	24.87	N/A	N/A	N/A
68.50	.00	26.10	24.85	N/A	N/A	N/A
69.00	.00	26.10	24.82	N/A	N/A	N/A
69.50	.00	26.10	24.79	N/A	N/A	N/A
70.00	.00	26.10	24.76	N/A	N/A	N/A
70.50	.00	26.10	24.73	N/A	N/A	N/A
71.00	.00	26.10	24.71	N/A	N/A	N/A
71.50	.00	26.10	24.68	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: 52-97

FROM NODE ID: 52

TO NODE ID: 97

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
.00	.00	25.20	22.00	N/A	N/A	N/A
.50	.00	25.20	22.17	N/A	N/A	N/A
1.00	.00	25.20	22.33	N/A	N/A	N/A
1.50	.00	25.20	22.50	N/A	N/A	N/A
2.00	.00	25.20	22.67	N/A	N/A	N/A
2.50	.00	25.20	22.83	N/A	N/A	N/A
3.00	.00	25.20	23.00	N/A	N/A	N/A
3.50	.00	25.20	23.17	N/A	N/A	N/A
4.00	.00	25.20	23.33	N/A	N/A	N/A
4.50	.01	25.20	23.50	N/A	N/A	N/A
5.00	.04	25.21	23.67	N/A	N/A	N/A
5.50	.09	25.21	23.83	N/A	N/A	N/A
6.00	.20	25.22	24.00	N/A	N/A	N/A
6.50	.37	25.24	24.13	N/A	N/A	N/A
7.00	.66	25.25	24.25	N/A	N/A	N/A
7.50	1.09	25.27	24.38	N/A	N/A	N/A
8.00	1.72	25.30	24.50	N/A	N/A	N/A
8.50	2.60	25.33	24.63	N/A	N/A	N/A
9.00	3.83	25.36	24.75	N/A	N/A	N/A
9.50	5.51	25.41	24.88	N/A	N/A	N/A
10.00	7.77	25.46	25.00	N/A	N/A	N/A
10.50	8.88	25.52	25.38	N/A	N/A	N/A
11.00	-17.05	25.61	25.75	N/A	N/A	N/A
11.50	-46.72	25.76	26.13	N/A	N/A	N/A
12.00	-81.44	26.02	26.50	N/A	N/A	N/A
12.50	-73.54	26.15	26.50	N/A	N/A	N/A
13.00	-61.68	26.28	26.50	N/A	N/A	N/A
13.50	-42.10	26.39	26.50	N/A	N/A	N/A
14.00	-7.91	26.49	26.50	N/A	N/A	N/A
14.50	28.06	26.56	26.50	N/A	N/A	N/A
15.00	46.87	26.61	26.50	N/A	N/A	N/A
15.50	58.12	26.65	26.50	N/A	N/A	N/A
16.00	65.18	26.68	26.50	N/A	N/A	N/A
16.50	75.67	26.70	26.46	N/A	N/A	N/A
17.00	82.39	26.70	26.42	N/A	N/A	N/A
17.50	86.76	26.70	26.38	N/A	N/A	N/A
18.00	89.57	26.70	26.34	N/A	N/A	N/A
18.50	91.31	26.69	26.30	N/A	N/A	N/A
19.00	92.30	26.67	26.27	N/A	N/A	N/A
19.50	92.74	26.66	26.23	N/A	N/A	N/A
20.00	92.79	26.64	26.19	N/A	N/A	N/A
20.50	92.51	26.62	26.15	N/A	N/A	N/A
21.00	92.00	26.61	26.11	N/A	N/A	N/A
21.50	91.32	26.59	26.07	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: S2-97

FROM NODE ID: S2

TO NODE ID: 97

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
22.00	90.53	26.57	26.03	N/A	N/A	N/A
22.50	89.67	26.55	25.99	N/A	N/A	N/A
23.00	88.76	26.53	25.95	N/A	N/A	N/A
23.50	87.80	26.51	25.91	N/A	N/A	N/A
24.00	86.80	26.49	25.88	N/A	N/A	N/A
24.50	81.18	26.44	25.84	N/A	N/A	N/A
25.00	76.50	26.39	25.80	N/A	N/A	N/A
25.50	72.48	26.35	25.76	N/A	N/A	N/A
26.00	68.98	26.31	25.72	N/A	N/A	N/A
26.50	65.93	26.27	25.68	N/A	N/A	N/A
27.00	63.24	26.24	25.64	N/A	N/A	N/A
27.50	60.85	26.21	25.60	N/A	N/A	N/A
28.00	58.73	26.18	25.56	N/A	N/A	N/A
28.50	56.81	26.15	25.52	N/A	N/A	N/A
29.00	55.08	26.13	25.48	N/A	N/A	N/A
29.50	53.49	26.10	25.44	N/A	N/A	N/A
30.00	52.02	26.08	25.41	N/A	N/A	N/A
30.50	50.64	26.06	25.37	N/A	N/A	N/A
31.00	49.34	26.04	25.33	N/A	N/A	N/A
31.50	48.08	26.02	25.29	N/A	N/A	N/A
32.00	46.84	26.01	25.25	N/A	N/A	N/A
32.50	43.16	25.97	25.21	N/A	N/A	N/A
33.00	38.62	25.91	25.17	N/A	N/A	N/A
33.50	35.05	25.87	25.13	N/A	N/A	N/A
34.00	32.18	25.84	25.09	N/A	N/A	N/A
34.50	29.78	25.81	25.05	N/A	N/A	N/A
35.00	27.70	25.78	25.02	N/A	N/A	N/A
35.50	25.81	25.76	24.98	N/A	N/A	N/A
36.00	24.10	25.73	24.94	N/A	N/A	N/A
36.50	22.55	25.71	24.90	N/A	N/A	N/A
37.00	21.13	25.69	24.86	N/A	N/A	N/A
37.50	19.84	25.67	24.82	N/A	N/A	N/A
38.00	18.65	25.65	24.78	N/A	N/A	N/A
38.50	17.56	25.64	24.74	N/A	N/A	N/A
39.00	16.56	25.62	24.70	N/A	N/A	N/A
39.50	15.64	25.61	24.66	N/A	N/A	N/A
40.00	14.78	25.59	24.62	N/A	N/A	N/A
40.50	13.99	25.58	24.59	N/A	N/A	N/A
41.00	13.26	25.57	24.55	N/A	N/A	N/A
41.50	12.58	25.55	24.51	N/A	N/A	N/A
42.00	11.95	25.54	24.47	N/A	N/A	N/A
42.50	11.36	25.53	24.43	N/A	N/A	N/A
43.00	10.81	25.52	24.39	N/A	N/A	N/A
43.50	10.29	25.51	24.35	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: S2-97

FROM NODE ID: S2

TO NODE ID: 97

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
44.00	9.81	25.50	24.31	N/A	N/A	N/A
44.50	9.36	25.49	24.27	N/A	N/A	N/A
45.00	8.94	25.48	24.23	N/A	N/A	N/A
45.50	8.54	25.48	24.19	N/A	N/A	N/A
46.00	8.17	25.47	24.16	N/A	N/A	N/A
46.50	7.82	25.46	24.12	N/A	N/A	N/A
47.00	7.49	25.45	24.08	N/A	N/A	N/A
47.50	7.18	25.45	24.04	N/A	N/A	N/A
48.00	6.88	25.44	24.00	N/A	N/A	N/A
48.50	6.61	25.43	23.96	N/A	N/A	N/A
49.00	6.34	25.43	23.92	N/A	N/A	N/A
49.50	6.09	25.42	23.88	N/A	N/A	N/A
50.00	5.86	25.42	23.84	N/A	N/A	N/A
50.50	5.64	25.41	23.80	N/A	N/A	N/A
51.00	5.42	25.41	23.77	N/A	N/A	N/A
51.50	5.22	25.40	23.73	N/A	N/A	N/A
52.00	5.03	25.40	23.69	N/A	N/A	N/A
52.50	4.85	25.39	23.65	N/A	N/A	N/A
53.00	4.68	25.39	23.61	N/A	N/A	N/A
53.50	4.51	25.38	23.57	N/A	N/A	N/A
54.00	4.36	25.38	23.53	N/A	N/A	N/A
54.50	4.21	25.37	23.49	N/A	N/A	N/A
55.00	4.07	25.37	23.45	N/A	N/A	N/A
55.50	3.93	25.37	23.41	N/A	N/A	N/A
56.00	3.80	25.36	23.37	N/A	N/A	N/A
56.50	3.68	25.36	23.34	N/A	N/A	N/A
57.00	3.56	25.36	23.30	N/A	N/A	N/A
57.50	3.44	25.35	23.26	N/A	N/A	N/A
58.00	3.34	25.35	23.22	N/A	N/A	N/A
58.50	3.23	25.35	23.18	N/A	N/A	N/A
59.00	3.13	25.34	23.14	N/A	N/A	N/A
59.50	3.04	25.34	23.10	N/A	N/A	N/A
60.00	2.94	25.34	23.06	N/A	N/A	N/A
60.50	2.86	25.34	23.02	N/A	N/A	N/A
61.00	2.77	25.33	22.98	N/A	N/A	N/A
61.50	2.69	25.33	22.94	N/A	N/A	N/A
62.00	2.61	25.33	22.91	N/A	N/A	N/A
62.50	2.54	25.33	22.87	N/A	N/A	N/A
63.00	2.47	25.32	22.83	N/A	N/A	N/A
63.50	2.40	25.32	22.79	N/A	N/A	N/A
64.00	2.33	25.32	22.75	N/A	N/A	N/A
64.50	2.27	25.32	22.71	N/A	N/A	N/A
65.00	2.20	25.31	22.67	N/A	N/A	N/A
65.50	2.15	25.31	22.63	N/A	N/A	N/A

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
=====

REACH ID: 52-97

FROM NODE ID: 52

TO NODE ID: 97

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
66.00	2.09	25.31	22.59	N/A	N/A	N/A
66.50	2.03	25.31	22.55	N/A	N/A	N/A
67.00	1.98	25.31	22.52	N/A	N/A	N/A
67.50	1.93	25.30	22.48	N/A	N/A	N/A
68.00	1.88	25.30	22.44	N/A	N/A	N/A
68.50	1.83	25.30	22.40	N/A	N/A	N/A
69.00	1.78	25.30	22.36	N/A	N/A	N/A
69.50	1.74	25.30	22.32	N/A	N/A	N/A
70.00	1.70	25.30	22.28	N/A	N/A	N/A
70.50	1.65	25.29	22.24	N/A	N/A	N/A
71.00	1.61	25.29	22.20	N/A	N/A	N/A
71.50	1.57	25.29	22.16	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: 53-98

FROM NODE ID: 53

TO NODE ID: 98

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
.00	.00	24.20	18.90	N/A	N/A	N/A
.50	.00	24.20	18.99	N/A	N/A	N/A
1.00	.00	24.20	19.08	N/A	N/A	N/A
1.50	.00	24.20	19.18	N/A	N/A	N/A
2.00	.00	24.20	19.27	N/A	N/A	N/A
2.50	.00	24.20	19.36	N/A	N/A	N/A
3.00	.00	24.20	19.45	N/A	N/A	N/A
3.50	.00	24.20	19.54	N/A	N/A	N/A
4.00	.00	24.20	19.63	N/A	N/A	N/A
4.50	.01	24.20	19.73	N/A	N/A	N/A
5.00	.03	24.21	19.82	N/A	N/A	N/A
5.50	.09	24.21	19.91	N/A	N/A	N/A
6.00	.18	24.22	20.00	N/A	N/A	N/A
6.50	.34	24.23	20.25	N/A	N/A	N/A
7.00	.58	24.25	20.50	N/A	N/A	N/A
7.50	.92	24.26	20.75	N/A	N/A	N/A
8.00	1.38	24.28	21.00	N/A	N/A	N/A
8.50	1.99	24.31	21.25	N/A	N/A	N/A
9.00	2.72	24.33	21.50	N/A	N/A	N/A
9.50	3.46	24.35	21.75	N/A	N/A	N/A
10.00	4.18	24.37	22.00	N/A	N/A	N/A
10.50	4.96	24.39	23.00	N/A	N/A	N/A
11.00	5.91	24.42	24.00	N/A	N/A	N/A
11.50	-37.24	24.67	25.00	N/A	N/A	N/A
12.00	-133.47	25.48	26.00	N/A	N/A	N/A
12.50	9.73	26.01	26.00	N/A	N/A	N/A
13.00	14.89	26.02	26.00	N/A	N/A	N/A
13.50	14.16	26.02	26.00	N/A	N/A	N/A
14.00	14.02	26.02	26.00	N/A	N/A	N/A
14.50	14.96	26.02	26.00	N/A	N/A	N/A
15.00	16.13	26.02	26.00	N/A	N/A	N/A
15.50	17.26	26.02	26.00	N/A	N/A	N/A
16.00	18.12	26.03	26.00	N/A	N/A	N/A
16.50	37.42	26.00	25.94	N/A	N/A	N/A
17.00	33.54	25.93	25.88	N/A	N/A	N/A
17.50	34.50	25.87	25.81	N/A	N/A	N/A
18.00	35.18	25.81	25.75	N/A	N/A	N/A
18.50	35.41	25.75	25.69	N/A	N/A	N/A
19.00	35.25	25.69	25.63	N/A	N/A	N/A
19.50	34.97	25.63	25.56	N/A	N/A	N/A
20.00	34.58	25.58	25.50	N/A	N/A	N/A
20.50	34.02	25.52	25.44	N/A	N/A	N/A
21.00	33.40	25.46	25.38	N/A	N/A	N/A
21.50	32.78	25.40	25.31	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: S3-98

FROM NODE ID: S3

TO NODE ID: 98

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
22.00	32.15	25.34	25.25	N/A	N/A	N/A
22.50	31.51	25.28	25.19	N/A	N/A	N/A
23.00	30.81	25.23	25.13	N/A	N/A	N/A
23.50	30.04	25.17	25.06	N/A	N/A	N/A
24.00	29.19	25.12	25.00	N/A	N/A	N/A
24.50	26.46	25.05	24.94	N/A	N/A	N/A
25.00	21.38	24.97	24.87	N/A	N/A	N/A
25.50	15.97	24.88	24.81	N/A	N/A	N/A
26.00	14.67	24.82	24.75	N/A	N/A	N/A
26.50	13.77	24.77	24.69	N/A	N/A	N/A
27.00	12.93	24.71	24.62	N/A	N/A	N/A
27.50	12.08	24.66	24.56	N/A	N/A	N/A
28.00	11.21	24.61	24.50	N/A	N/A	N/A
28.50	10.36	24.57	24.44	N/A	N/A	N/A
29.00	9.58	24.53	24.37	N/A	N/A	N/A
29.50	8.92	24.50	24.31	N/A	N/A	N/A
30.00	8.44	24.48	24.25	N/A	N/A	N/A
30.50	7.90	24.46	24.19	N/A	N/A	N/A
31.00	7.25	24.45	24.12	N/A	N/A	N/A
31.50	6.72	24.44	24.06	N/A	N/A	N/A
32.00	6.25	24.43	24.00	N/A	N/A	N/A
32.50	5.73	24.41	23.94	N/A	N/A	N/A
33.00	4.93	24.39	23.87	N/A	N/A	N/A
33.50	4.14	24.37	23.81	N/A	N/A	N/A
34.00	3.47	24.35	23.75	N/A	N/A	N/A
34.50	2.94	24.34	23.69	N/A	N/A	N/A
35.00	2.55	24.33	23.62	N/A	N/A	N/A
35.50	2.28	24.32	23.56	N/A	N/A	N/A
36.00	2.09	24.31	23.50	N/A	N/A	N/A
36.50	1.94	24.30	23.44	N/A	N/A	N/A
37.00	1.82	24.30	23.37	N/A	N/A	N/A
37.50	1.72	24.30	23.31	N/A	N/A	N/A
38.00	1.62	24.29	23.25	N/A	N/A	N/A
38.50	1.53	24.29	23.19	N/A	N/A	N/A
39.00	1.45	24.29	23.12	N/A	N/A	N/A
39.50	1.37	24.28	23.06	N/A	N/A	N/A
40.00	1.30	24.28	23.00	N/A	N/A	N/A
40.50	1.23	24.28	22.94	N/A	N/A	N/A
41.00	1.17	24.28	22.87	N/A	N/A	N/A
41.50	1.11	24.27	22.81	N/A	N/A	N/A
42.00	1.06	24.27	22.75	N/A	N/A	N/A
42.50	1.01	24.27	22.69	N/A	N/A	N/A
43.00	.96	24.27	22.62	N/A	N/A	N/A
43.50	.92	24.26	22.56	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: S3-98

FROM NODE ID: S3

TO NODE ID: 98

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
44.00	.87	24.26	22.50	N/A	N/A	N/A
44.50	.83	24.26	22.44	N/A	N/A	N/A
45.00	.80	24.26	22.37	N/A	N/A	N/A
45.50	.76	24.26	22.31	N/A	N/A	N/A
46.00	.73	24.25	22.25	N/A	N/A	N/A
46.50	.70	24.25	22.19	N/A	N/A	N/A
47.00	.67	24.25	22.12	N/A	N/A	N/A
47.50	.64	24.25	22.06	N/A	N/A	N/A
48.00	.62	24.25	22.00	N/A	N/A	N/A
48.50	.59	24.25	21.94	N/A	N/A	N/A
49.00	.57	24.25	21.87	N/A	N/A	N/A
49.50	.55	24.25	21.81	N/A	N/A	N/A
50.00	.52	24.24	21.75	N/A	N/A	N/A
50.50	.50	24.24	21.69	N/A	N/A	N/A
51.00	.49	24.24	21.62	N/A	N/A	N/A
51.50	.47	24.24	21.56	N/A	N/A	N/A
52.00	.45	24.24	21.50	N/A	N/A	N/A
52.50	.43	24.24	21.44	N/A	N/A	N/A
53.00	.42	24.24	21.37	N/A	N/A	N/A
53.50	.40	24.24	21.31	N/A	N/A	N/A
54.00	.39	24.24	21.25	N/A	N/A	N/A
54.50	.38	24.24	21.19	N/A	N/A	N/A
55.00	.36	24.23	21.12	N/A	N/A	N/A
55.50	.35	24.23	21.06	N/A	N/A	N/A
56.00	.34	24.23	21.00	N/A	N/A	N/A
56.50	.33	24.23	20.94	N/A	N/A	N/A
57.00	.32	24.23	20.87	N/A	N/A	N/A
57.50	.31	24.23	20.81	N/A	N/A	N/A
58.00	.30	24.23	20.75	N/A	N/A	N/A
58.50	.29	24.23	20.69	N/A	N/A	N/A
59.00	.28	24.23	20.62	N/A	N/A	N/A
59.50	.27	24.23	20.56	N/A	N/A	N/A
60.00	.26	24.23	20.50	N/A	N/A	N/A
60.50	.25	24.23	20.44	N/A	N/A	N/A
61.00	.25	24.23	20.37	N/A	N/A	N/A
61.50	.24	24.23	20.31	N/A	N/A	N/A
62.00	.23	24.23	20.25	N/A	N/A	N/A
62.50	.23	24.23	20.19	N/A	N/A	N/A
63.00	.22	24.22	20.12	N/A	N/A	N/A
63.50	.21	24.22	20.06	N/A	N/A	N/A
64.00	.21	24.22	20.00	N/A	N/A	N/A
64.50	.20	24.22	19.94	N/A	N/A	N/A
65.00	.20	24.22	19.87	N/A	N/A	N/A
65.50	.19	24.22	19.81	N/A	N/A	N/A

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
=====

REACH ID: S3-98

FROM NODE ID: S3

TO NODE ID: 98

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
66.00	.19	24.22	19.75	N/A	N/A	N/A
66.50	.18	24.22	19.69	N/A	N/A	N/A
67.00	.18	24.22	19.62	N/A	N/A	N/A
67.50	.17	24.22	19.56	N/A	N/A	N/A
68.00	.17	24.22	19.50	N/A	N/A	N/A
68.50	.16	24.22	19.44	N/A	N/A	N/A
69.00	.16	24.22	19.37	N/A	N/A	N/A
69.50	.15	24.22	19.31	N/A	N/A	N/A
70.00	.15	24.22	19.25	N/A	N/A	N/A
70.50	.15	24.22	19.19	N/A	N/A	N/A
71.00	.14	24.22	19.12	N/A	N/A	N/A
71.50	.14	24.22	19.06	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT

=====

REACH ID: S2-S3-1

FROM NODE ID: S2

TO NODE ID: S3

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
.00	.00	25.20	24.20	N/A	N/A	N/A
.50	.00	25.20	24.20	N/A	N/A	N/A
1.00	.00	25.20	24.20	N/A	N/A	N/A
1.50	.00	25.20	24.20	N/A	N/A	N/A
2.00	.00	25.20	24.20	N/A	N/A	N/A
2.50	.00	25.20	24.20	N/A	N/A	N/A
3.00	.00	25.20	24.20	N/A	N/A	N/A
3.50	.00	25.20	24.20	N/A	N/A	N/A
4.00	.00	25.20	24.20	N/A	N/A	N/A
4.50	.00	25.20	24.20	N/A	N/A	N/A
5.00	.00	25.21	24.21	N/A	N/A	N/A
5.50	.00	25.21	24.21	N/A	N/A	N/A
6.00	.00	25.22	24.22	N/A	N/A	N/A
6.50	.00	25.24	24.23	N/A	N/A	N/A
7.00	.00	25.25	24.25	N/A	N/A	N/A
7.50	.00	25.27	24.26	N/A	N/A	N/A
8.00	.00	25.30	24.28	N/A	N/A	N/A
8.50	.00	25.33	24.31	N/A	N/A	N/A
9.00	.00	25.36	24.33	N/A	N/A	N/A
9.50	.00	25.41	24.35	N/A	N/A	N/A
10.00	.00	25.46	24.37	N/A	N/A	N/A
10.50	.00	25.52	24.39	N/A	N/A	N/A
11.00	.00	25.61	24.42	N/A	N/A	N/A
11.50	.00	25.76	24.67	N/A	N/A	N/A
12.00	26.75	26.02	25.48	N/A	N/A	N/A
12.50	41.76	26.15	26.01	N/A	N/A	N/A
13.00	74.02	26.28	26.02	N/A	N/A	N/A
13.50	106.86	26.39	26.02	N/A	N/A	N/A
14.00	136.69	26.49	26.02	N/A	N/A	N/A
14.50	160.73	26.56	26.02	N/A	N/A	N/A
15.00	179.23	26.61	26.02	N/A	N/A	N/A
15.50	193.04	26.65	26.02	N/A	N/A	N/A
16.00	202.86	26.68	26.03	N/A	N/A	N/A
16.50	211.19	26.70	26.00	N/A	N/A	N/A
17.00	218.11	26.70	25.93	N/A	N/A	N/A
17.50	220.86	26.70	25.87	N/A	N/A	N/A
18.00	220.47	26.70	25.81	N/A	N/A	N/A
18.50	216.99	26.69	25.75	N/A	N/A	N/A
19.00	212.33	26.67	25.69	N/A	N/A	N/A
19.50	206.91	26.66	25.63	N/A	N/A	N/A
20.00	200.99	26.64	25.58	N/A	N/A	N/A
20.50	194.69	26.62	25.52	N/A	N/A	N/A
21.00	188.13	26.61	25.46	N/A	N/A	N/A
21.50	181.47	26.59	25.40	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: S2-S3-1

FROM NODE ID: S2

TO NODE ID: S3

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
22.00	174.82	26.57	25.34	N/A	N/A	N/A
22.50	168.24	26.55	25.28	N/A	N/A	N/A
23.00	161.75	26.53	25.23	N/A	N/A	N/A
23.50	155.37	26.51	25.17	N/A	N/A	N/A
24.00	149.09	26.49	25.12	N/A	N/A	N/A
24.50	132.16	26.44	25.05	N/A	N/A	N/A
25.00	117.71	26.39	24.97	N/A	N/A	N/A
25.50	105.06	26.35	24.88	N/A	N/A	N/A
26.00	93.90	26.31	24.82	N/A	N/A	N/A
26.50	84.03	26.27	24.77	N/A	N/A	N/A
27.00	75.25	26.24	24.71	N/A	N/A	N/A
27.50	67.43	26.21	24.66	N/A	N/A	N/A
28.00	60.43	26.18	24.61	N/A	N/A	N/A
28.50	54.16	26.15	24.57	N/A	N/A	N/A
29.00	48.52	26.13	24.53	N/A	N/A	N/A
29.50	43.44	26.10	24.50	N/A	N/A	N/A
30.00	38.86	26.08	24.48	N/A	N/A	N/A
30.50	34.71	26.06	24.46	N/A	N/A	N/A
31.00	30.96	26.04	24.45	N/A	N/A	N/A
31.50	27.57	26.02	24.44	N/A	N/A	N/A
32.00	24.49	26.01	24.43	N/A	N/A	N/A
32.50	17.45	25.97	24.41	N/A	N/A	N/A
33.00	10.02	25.91	24.39	N/A	N/A	N/A
33.50	5.09	25.87	24.37	N/A	N/A	N/A
34.00	1.92	25.84	24.35	N/A	N/A	N/A
34.50	.19	25.81	24.34	N/A	N/A	N/A
35.00	.00	25.78	24.33	N/A	N/A	N/A
35.50	.00	25.76	24.32	N/A	N/A	N/A
36.00	.00	25.73	24.31	N/A	N/A	N/A
36.50	.00	25.71	24.30	N/A	N/A	N/A
37.00	.00	25.69	24.30	N/A	N/A	N/A
37.50	.00	25.67	24.30	N/A	N/A	N/A
38.00	.00	25.65	24.29	N/A	N/A	N/A
38.50	.00	25.64	24.29	N/A	N/A	N/A
39.00	.00	25.62	24.29	N/A	N/A	N/A
39.50	.00	25.61	24.28	N/A	N/A	N/A
40.00	.00	25.59	24.28	N/A	N/A	N/A
40.50	.00	25.58	24.28	N/A	N/A	N/A
41.00	.00	25.57	24.28	N/A	N/A	N/A
41.50	.00	25.55	24.27	N/A	N/A	N/A
42.00	.00	25.54	24.27	N/A	N/A	N/A
42.50	.00	25.53	24.27	N/A	N/A	N/A
43.00	.00	25.52	24.27	N/A	N/A	N/A
43.50	.00	25.51	24.26	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: S2-S3-1

FROM NODE ID: S2

TO NODE ID: S3

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
44.00	.00	25.50	24.26	N/A	N/A	N/A
44.50	.00	25.49	24.26	N/A	N/A	N/A
45.00	.00	25.48	24.26	N/A	N/A	N/A
45.50	.00	25.48	24.26	N/A	N/A	N/A
46.00	.00	25.47	24.25	N/A	N/A	N/A
46.50	.00	25.46	24.25	N/A	N/A	N/A
47.00	.00	25.45	24.25	N/A	N/A	N/A
47.50	.00	25.45	24.25	N/A	N/A	N/A
48.00	.00	25.44	24.25	N/A	N/A	N/A
48.50	.00	25.43	24.25	N/A	N/A	N/A
49.00	.00	25.43	24.25	N/A	N/A	N/A
49.50	.00	25.42	24.25	N/A	N/A	N/A
50.00	.00	25.42	24.24	N/A	N/A	N/A
50.50	.00	25.41	24.24	N/A	N/A	N/A
51.00	.00	25.41	24.24	N/A	N/A	N/A
51.50	.00	25.40	24.24	N/A	N/A	N/A
52.00	.00	25.40	24.24	N/A	N/A	N/A
52.50	.00	25.39	24.24	N/A	N/A	N/A
53.00	.00	25.39	24.24	N/A	N/A	N/A
53.50	.00	25.38	24.24	N/A	N/A	N/A
54.00	.00	25.38	24.24	N/A	N/A	N/A
54.50	.00	25.37	24.24	N/A	N/A	N/A
55.00	.00	25.37	24.23	N/A	N/A	N/A
55.50	.00	25.37	24.23	N/A	N/A	N/A
56.00	.00	25.36	24.23	N/A	N/A	N/A
56.50	.00	25.36	24.23	N/A	N/A	N/A
57.00	.00	25.36	24.23	N/A	N/A	N/A
57.50	.00	25.35	24.23	N/A	N/A	N/A
58.00	.00	25.35	24.23	N/A	N/A	N/A
58.50	.00	25.35	24.23	N/A	N/A	N/A
59.00	.00	25.34	24.23	N/A	N/A	N/A
59.50	.00	25.34	24.23	N/A	N/A	N/A
60.00	.00	25.34	24.23	N/A	N/A	N/A
60.50	.00	25.34	24.23	N/A	N/A	N/A
61.00	.00	25.33	24.23	N/A	N/A	N/A
61.50	.00	25.33	24.23	N/A	N/A	N/A
62.00	.00	25.33	24.23	N/A	N/A	N/A
62.50	.00	25.33	24.23	N/A	N/A	N/A
63.00	.00	25.32	24.22	N/A	N/A	N/A
63.50	.00	25.32	24.22	N/A	N/A	N/A
64.00	.00	25.32	24.22	N/A	N/A	N/A
64.50	.00	25.32	24.22	N/A	N/A	N/A
65.00	.00	25.31	24.22	N/A	N/A	N/A
65.50	.00	25.31	24.22	N/A	N/A	N/A

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
=====

REACH ID: S2-S3-1

FROM NODE ID: S2

TO NODE ID: S3

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
66.00	.00	25.31	24.22	N/A	N/A	N/A
66.50	.00	25.31	24.22	N/A	N/A	N/A
67.00	.00	25.31	24.22	N/A	N/A	N/A
67.50	.00	25.30	24.22	N/A	N/A	N/A
68.00	.00	25.30	24.22	N/A	N/A	N/A
68.50	.00	25.30	24.22	N/A	N/A	N/A
69.00	.00	25.30	24.22	N/A	N/A	N/A
69.50	.00	25.30	24.22	N/A	N/A	N/A
70.00	.00	25.30	24.22	N/A	N/A	N/A
70.50	.00	25.29	24.22	N/A	N/A	N/A
71.00	.00	25.29	24.22	N/A	N/A	N/A
71.50	.00	25.29	24.22	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: S2-S3-2

FROM NODE ID: S2

TO NODE ID: S3

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
.00	.00	25.20	24.20	N/A	N/A	N/A
.50	.00	25.20	24.20	N/A	N/A	N/A
1.00	.00	25.20	24.20	N/A	N/A	N/A
1.50	.00	25.20	24.20	N/A	N/A	N/A
2.00	.00	25.20	24.20	N/A	N/A	N/A
2.50	.00	25.20	24.20	N/A	N/A	N/A
3.00	.00	25.20	24.20	N/A	N/A	N/A
3.50	.00	25.20	24.20	N/A	N/A	N/A
4.00	.00	25.20	24.20	N/A	N/A	N/A
4.50	.00	25.20	24.20	N/A	N/A	N/A
5.00	.00	25.21	24.21	N/A	N/A	N/A
5.50	.00	25.21	24.21	N/A	N/A	N/A
6.00	.00	25.22	24.22	N/A	N/A	N/A
6.50	.00	25.24	24.23	N/A	N/A	N/A
7.00	.00	25.25	24.25	N/A	N/A	N/A
7.50	.00	25.27	24.26	N/A	N/A	N/A
8.00	.00	25.30	24.28	N/A	N/A	N/A
8.50	.00	25.33	24.31	N/A	N/A	N/A
9.00	.00	25.36	24.33	N/A	N/A	N/A
9.50	.00	25.41	24.35	N/A	N/A	N/A
10.00	.00	25.46	24.37	N/A	N/A	N/A
10.50	.00	25.52	24.39	N/A	N/A	N/A
11.00	.00	25.61	24.42	N/A	N/A	N/A
11.50	.00	25.76	24.67	N/A	N/A	N/A
12.00	.00	26.02	25.48	N/A	N/A	N/A
12.50	.00	26.15	26.01	N/A	N/A	N/A
13.00	.00	26.28	26.02	N/A	N/A	N/A
13.50	.00	26.39	26.02	N/A	N/A	N/A
14.00	6.51	26.49	26.02	N/A	N/A	N/A
14.50	16.36	26.56	26.02	N/A	N/A	N/A
15.00	25.37	26.61	26.02	N/A	N/A	N/A
15.50	32.70	26.65	26.02	N/A	N/A	N/A
16.00	38.18	26.68	26.03	N/A	N/A	N/A
16.50	41.67	26.70	26.00	N/A	N/A	N/A
17.00	43.20	26.70	25.93	N/A	N/A	N/A
17.50	43.16	26.70	25.87	N/A	N/A	N/A
18.00	41.92	26.70	25.81	N/A	N/A	N/A
18.50	39.86	26.69	25.75	N/A	N/A	N/A
19.00	37.23	26.67	25.69	N/A	N/A	N/A
19.50	34.22	26.66	25.63	N/A	N/A	N/A
20.00	31.01	26.64	25.58	N/A	N/A	N/A
20.50	27.68	26.62	25.52	N/A	N/A	N/A
21.00	24.31	26.61	25.46	N/A	N/A	N/A
21.50	21.00	26.59	25.40	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: S2-S3-2 FROM NODE ID: S2 TO NODE ID: S3

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
22.00	17.82	26.57	25.34	N/A	N/A	N/A
22.50	14.82	26.55	25.28	N/A	N/A	N/A
23.00	12.01	26.53	25.23	N/A	N/A	N/A
23.50	9.42	26.51	25.17	N/A	N/A	N/A
24.00	7.05	26.49	25.12	N/A	N/A	N/A
24.50	1.84	26.44	25.05	N/A	N/A	N/A
25.00	.00	26.39	24.97	N/A	N/A	N/A
25.50	.00	26.35	24.88	N/A	N/A	N/A
26.00	.00	26.31	24.82	N/A	N/A	N/A
26.50	.00	26.27	24.77	N/A	N/A	N/A
27.00	.00	26.24	24.71	N/A	N/A	N/A
27.50	.00	26.21	24.66	N/A	N/A	N/A
28.00	.00	26.18	24.61	N/A	N/A	N/A
28.50	.00	26.15	24.57	N/A	N/A	N/A
29.00	.00	26.13	24.53	N/A	N/A	N/A
29.50	.00	26.10	24.50	N/A	N/A	N/A
30.00	.00	26.08	24.48	N/A	N/A	N/A
30.50	.00	26.06	24.46	N/A	N/A	N/A
31.00	.00	26.04	24.45	N/A	N/A	N/A
31.50	.00	26.02	24.44	N/A	N/A	N/A
32.00	.00	26.01	24.43	N/A	N/A	N/A
32.50	.00	25.97	24.41	N/A	N/A	N/A
33.00	.00	25.91	24.39	N/A	N/A	N/A
33.50	.00	25.87	24.37	N/A	N/A	N/A
34.00	.00	25.84	24.35	N/A	N/A	N/A
34.50	.00	25.81	24.34	N/A	N/A	N/A
35.00	.00	25.78	24.33	N/A	N/A	N/A
35.50	.00	25.76	24.32	N/A	N/A	N/A
36.00	.00	25.73	24.31	N/A	N/A	N/A
36.50	.00	25.71	24.30	N/A	N/A	N/A
37.00	.00	25.69	24.30	N/A	N/A	N/A
37.50	.00	25.67	24.30	N/A	N/A	N/A
38.00	.00	25.65	24.29	N/A	N/A	N/A
38.50	.00	25.64	24.29	N/A	N/A	N/A
39.00	.00	25.62	24.29	N/A	N/A	N/A
39.50	.00	25.61	24.28	N/A	N/A	N/A
40.00	.00	25.59	24.28	N/A	N/A	N/A
40.50	.00	25.58	24.28	N/A	N/A	N/A
41.00	.00	25.57	24.28	N/A	N/A	N/A
41.50	.00	25.55	24.27	N/A	N/A	N/A
42.00	.00	25.54	24.27	N/A	N/A	N/A
42.50	.00	25.53	24.27	N/A	N/A	N/A
43.00	.00	25.52	24.27	N/A	N/A	N/A
43.50	.00	25.51	24.26	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: S2-S3-2

FROM NODE ID: S2

TO NODE ID: S3

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
44.00	.00	25.50	24.26	N/A	N/A	N/A
44.50	.00	25.49	24.26	N/A	N/A	N/A
45.00	.00	25.48	24.26	N/A	N/A	N/A
45.50	.00	25.48	24.26	N/A	N/A	N/A
46.00	.00	25.47	24.25	N/A	N/A	N/A
46.50	.00	25.46	24.25	N/A	N/A	N/A
47.00	.00	25.45	24.25	N/A	N/A	N/A
47.50	.00	25.45	24.25	N/A	N/A	N/A
48.00	.00	25.44	24.25	N/A	N/A	N/A
48.50	.00	25.43	24.25	N/A	N/A	N/A
49.00	.00	25.43	24.25	N/A	N/A	N/A
49.50	.00	25.42	24.25	N/A	N/A	N/A
50.00	.00	25.42	24.24	N/A	N/A	N/A
50.50	.00	25.41	24.24	N/A	N/A	N/A
51.00	.00	25.41	24.24	N/A	N/A	N/A
51.50	.00	25.40	24.24	N/A	N/A	N/A
52.00	.00	25.40	24.24	N/A	N/A	N/A
52.50	.00	25.39	24.24	N/A	N/A	N/A
53.00	.00	25.39	24.24	N/A	N/A	N/A
53.50	.00	25.38	24.24	N/A	N/A	N/A
54.00	.00	25.38	24.24	N/A	N/A	N/A
54.50	.00	25.37	24.24	N/A	N/A	N/A
55.00	.00	25.37	24.23	N/A	N/A	N/A
55.50	.00	25.37	24.23	N/A	N/A	N/A
56.00	.00	25.36	24.23	N/A	N/A	N/A
56.50	.00	25.36	24.23	N/A	N/A	N/A
57.00	.00	25.36	24.23	N/A	N/A	N/A
57.50	.00	25.35	24.23	N/A	N/A	N/A
58.00	.00	25.35	24.23	N/A	N/A	N/A
58.50	.00	25.35	24.23	N/A	N/A	N/A
59.00	.00	25.34	24.23	N/A	N/A	N/A
59.50	.00	25.34	24.23	N/A	N/A	N/A
60.00	.00	25.34	24.23	N/A	N/A	N/A
60.50	.00	25.34	24.23	N/A	N/A	N/A
61.00	.00	25.33	24.23	N/A	N/A	N/A
61.50	.00	25.33	24.23	N/A	N/A	N/A
62.00	.00	25.33	24.23	N/A	N/A	N/A
62.50	.00	25.33	24.23	N/A	N/A	N/A
63.00	.00	25.32	24.22	N/A	N/A	N/A
63.50	.00	25.32	24.22	N/A	N/A	N/A
64.00	.00	25.32	24.22	N/A	N/A	N/A
64.50	.00	25.32	24.22	N/A	N/A	N/A
65.00	.00	25.31	24.22	N/A	N/A	N/A
65.50	.00	25.31	24.22	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
=====

REACH ID: S2-S3-2 FROM NODE ID: S2 TO NODE ID: S3

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
66.00	.00	25.31	24.22	N/A	N/A	N/A
66.50	.00	25.31	24.22	N/A	N/A	N/A
67.00	.00	25.31	24.22	N/A	N/A	N/A
67.50	.00	25.30	24.22	N/A	N/A	N/A
68.00	.00	25.30	24.22	N/A	N/A	N/A
68.50	.00	25.30	24.22	N/A	N/A	N/A
69.00	.00	25.30	24.22	N/A	N/A	N/A
69.50	.00	25.30	24.22	N/A	N/A	N/A
70.00	.00	25.30	24.22	N/A	N/A	N/A
70.50	.00	25.29	24.22	N/A	N/A	N/A
71.00	.00	25.29	24.22	N/A	N/A	N/A
71.50	.00	25.29	24.22	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.3i)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT

=====

REACH ID: S3-99

FROM NODE ID: S3

TO NODE ID: 99

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
.00	.00	24.20	18.90	N/A	N/A	N/A
.50	.00	24.20	18.99	N/A	N/A	N/A
1.00	.00	24.20	19.08	N/A	N/A	N/A
1.50	.00	24.20	19.18	N/A	N/A	N/A
2.00	.00	24.20	19.27	N/A	N/A	N/A
2.50	.00	24.20	19.36	N/A	N/A	N/A
3.00	.00	24.20	19.45	N/A	N/A	N/A
3.50	.00	24.20	19.54	N/A	N/A	N/A
4.00	.00	24.20	19.63	N/A	N/A	N/A
4.50	.00	24.20	19.73	N/A	N/A	N/A
5.00	.00	24.21	19.82	N/A	N/A	N/A
5.50	.00	24.21	19.91	N/A	N/A	N/A
6.00	.00	24.22	20.00	N/A	N/A	N/A
6.50	.00	24.23	20.25	N/A	N/A	N/A
7.00	.00	24.25	20.50	N/A	N/A	N/A
7.50	.00	24.26	20.75	N/A	N/A	N/A
8.00	.00	24.28	21.00	N/A	N/A	N/A
8.50	.28	24.31	21.25	N/A	N/A	N/A
9.00	2.82	24.33	21.50	N/A	N/A	N/A
9.50	6.35	24.35	21.75	N/A	N/A	N/A
10.00	10.29	24.37	22.00	N/A	N/A	N/A
10.50	14.89	24.39	23.00	N/A	N/A	N/A
11.00	20.85	24.42	24.00	N/A	N/A	N/A
11.50	-253.48	24.67	25.00	N/A	N/A	N/A
12.00	-826.43	25.48	26.00	N/A	N/A	N/A
12.50	208.76	26.01	26.00	N/A	N/A	N/A
13.00	248.86	26.02	26.00	N/A	N/A	N/A
13.50	243.63	26.02	26.00	N/A	N/A	N/A
14.00	242.60	26.02	26.00	N/A	N/A	N/A
14.50	249.30	26.02	26.00	N/A	N/A	N/A
15.00	257.38	26.02	26.00	N/A	N/A	N/A
15.50	264.83	26.02	26.00	N/A	N/A	N/A
16.00	270.40	26.03	26.00	N/A	N/A	N/A
16.50	366.17	26.00	25.94	N/A	N/A	N/A
17.00	338.78	25.93	25.88	N/A	N/A	N/A
17.50	334.87	25.87	25.81	N/A	N/A	N/A
18.00	329.49	25.81	25.75	N/A	N/A	N/A
18.50	322.02	25.75	25.69	N/A	N/A	N/A
19.00	312.75	25.69	25.63	N/A	N/A	N/A
19.50	302.98	25.63	25.56	N/A	N/A	N/A
20.00	292.76	25.58	25.50	N/A	N/A	N/A
20.50	281.93	25.52	25.44	N/A	N/A	N/A
21.00	270.96	25.46	25.38	N/A	N/A	N/A
21.50	260.13	25.40	25.31	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: 53-99

FROM NODE ID: 53

TO NODE ID: 99

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
22.00	249.54	25.34	25.25	N/A	N/A	N/A
22.50	239.20	25.28	25.19	N/A	N/A	N/A
23.00	228.88	25.23	25.13	N/A	N/A	N/A
23.50	218.66	25.17	25.06	N/A	N/A	N/A
24.00	208.48	25.12	25.00	N/A	N/A	N/A
24.50	188.09	25.05	24.94	N/A	N/A	N/A
25.00	154.29	24.97	24.87	N/A	N/A	N/A
25.50	118.81	24.88	24.81	N/A	N/A	N/A
26.00	105.93	24.82	24.75	N/A	N/A	N/A
26.50	95.68	24.77	24.69	N/A	N/A	N/A
27.00	86.40	24.71	24.62	N/A	N/A	N/A
27.50	77.79	24.66	24.56	N/A	N/A	N/A
28.00	69.73	24.61	24.50	N/A	N/A	N/A
28.50	62.07	24.57	24.44	N/A	N/A	N/A
29.00	54.70	24.53	24.37	N/A	N/A	N/A
29.50	47.31	24.50	24.31	N/A	N/A	N/A
30.00	39.49	24.48	24.25	N/A	N/A	N/A
30.50	33.85	24.46	24.19	N/A	N/A	N/A
31.00	29.57	24.45	24.12	N/A	N/A	N/A
31.50	26.04	24.44	24.06	N/A	N/A	N/A
32.00	22.99	24.43	24.00	N/A	N/A	N/A
32.50	19.71	24.41	23.94	N/A	N/A	N/A
33.00	14.77	24.39	23.87	N/A	N/A	N/A
33.50	10.12	24.37	23.81	N/A	N/A	N/A
34.00	6.44	24.35	23.75	N/A	N/A	N/A
34.50	3.79	24.34	23.69	N/A	N/A	N/A
35.00	2.10	24.33	23.62	N/A	N/A	N/A
35.50	1.11	24.32	23.56	N/A	N/A	N/A
36.00	.53	24.31	23.50	N/A	N/A	N/A
36.50	.18	24.30	23.44	N/A	N/A	N/A
37.00	.01	24.30	23.37	N/A	N/A	N/A
37.50	.00	24.30	23.31	N/A	N/A	N/A
38.00	.00	24.29	23.25	N/A	N/A	N/A
38.50	.00	24.29	23.19	N/A	N/A	N/A
39.00	.00	24.29	23.12	N/A	N/A	N/A
39.50	.00	24.28	23.06	N/A	N/A	N/A
40.00	.00	24.28	23.00	N/A	N/A	N/A
40.50	.00	24.28	22.94	N/A	N/A	N/A
41.00	.00	24.28	22.87	N/A	N/A	N/A
41.50	.00	24.27	22.81	N/A	N/A	N/A
42.00	.00	24.27	22.75	N/A	N/A	N/A
42.50	.00	24.27	22.69	N/A	N/A	N/A
43.00	.00	24.27	22.62	N/A	N/A	N/A
43.50	.00	24.26	22.56	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: S3-99

FROM NODE ID: S3

TO NODE ID: 99

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
44.00	.00	24.26	22.50	N/A	N/A	N/A
44.50	.00	24.26	22.44	N/A	N/A	N/A
45.00	.00	24.26	22.37	N/A	N/A	N/A
45.50	.00	24.26	22.31	N/A	N/A	N/A
46.00	.00	24.25	22.25	N/A	N/A	N/A
46.50	.00	24.25	22.19	N/A	N/A	N/A
47.00	.00	24.25	22.12	N/A	N/A	N/A
47.50	.00	24.25	22.06	N/A	N/A	N/A
48.00	.00	24.25	22.00	N/A	N/A	N/A
48.50	.00	24.25	21.94	N/A	N/A	N/A
49.00	.00	24.25	21.87	N/A	N/A	N/A
49.50	.00	24.25	21.81	N/A	N/A	N/A
50.00	.00	24.24	21.75	N/A	N/A	N/A
50.50	.00	24.24	21.69	N/A	N/A	N/A
51.00	.00	24.24	21.62	N/A	N/A	N/A
51.50	.00	24.24	21.56	N/A	N/A	N/A
52.00	.00	24.24	21.50	N/A	N/A	N/A
52.50	.00	24.24	21.44	N/A	N/A	N/A
53.00	.00	24.24	21.37	N/A	N/A	N/A
53.50	.00	24.24	21.31	N/A	N/A	N/A
54.00	.00	24.24	21.25	N/A	N/A	N/A
54.50	.00	24.24	21.19	N/A	N/A	N/A
55.00	.00	24.23	21.12	N/A	N/A	N/A
55.50	.00	24.23	21.06	N/A	N/A	N/A
56.00	.00	24.23	21.00	N/A	N/A	N/A
56.50	.00	24.23	20.94	N/A	N/A	N/A
57.00	.00	24.23	20.87	N/A	N/A	N/A
57.50	.00	24.23	20.81	N/A	N/A	N/A
58.00	.00	24.23	20.75	N/A	N/A	N/A
58.50	.00	24.23	20.69	N/A	N/A	N/A
59.00	.00	24.23	20.62	N/A	N/A	N/A
59.50	.00	24.23	20.56	N/A	N/A	N/A
60.00	.00	24.23	20.50	N/A	N/A	N/A
60.50	.00	24.23	20.44	N/A	N/A	N/A
61.00	.00	24.23	20.37	N/A	N/A	N/A
61.50	.00	24.23	20.31	N/A	N/A	N/A
62.00	.00	24.23	20.25	N/A	N/A	N/A
62.50	.00	24.23	20.19	N/A	N/A	N/A
63.00	.00	24.22	20.12	N/A	N/A	N/A
63.50	.00	24.22	20.06	N/A	N/A	N/A
64.00	.00	24.22	20.00	N/A	N/A	N/A
64.50	.00	24.22	19.94	N/A	N/A	N/A
65.00	.00	24.22	19.87	N/A	N/A	N/A
65.50	.00	24.22	19.81	N/A	N/A	N/A

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
=====

REACH ID: S3-99

FROM NODE ID: S3

TO NODE ID: 99

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
66.00	.00	24.22	19.75	N/A	N/A	N/A
66.50	.00	24.22	19.69	N/A	N/A	N/A
67.00	.00	24.22	19.62	N/A	N/A	N/A
67.50	.00	24.22	19.56	N/A	N/A	N/A
68.00	.00	24.22	19.50	N/A	N/A	N/A
68.50	.00	24.22	19.44	N/A	N/A	N/A
69.00	.00	24.22	19.37	N/A	N/A	N/A
69.50	.00	24.22	19.31	N/A	N/A	N/A
70.00	.00	24.22	19.25	N/A	N/A	N/A
70.50	.00	24.22	19.19	N/A	N/A	N/A
71.00	.00	24.22	19.12	N/A	N/A	N/A
71.50	.00	24.22	19.06	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: 80-S1

FROM NODE ID: 80

TO NODE ID: 51

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
.00	.00	27.00	26.10	N/A	N/A	N/A
.50	.00	27.00	26.10	N/A	N/A	N/A
1.00	.00	27.00	26.10	N/A	N/A	N/A
1.50	.00	27.00	26.10	N/A	N/A	N/A
2.00	.00	27.00	26.10	N/A	N/A	N/A
2.50	.00	27.00	26.10	N/A	N/A	N/A
3.00	.00	27.00	26.10	N/A	N/A	N/A
3.50	.00	27.00	26.10	N/A	N/A	N/A
4.00	.00	27.00	26.11	N/A	N/A	N/A
4.50	.00	27.00	26.12	N/A	N/A	N/A
5.00	.00	27.00	26.14	N/A	N/A	N/A
5.50	.00	27.00	26.17	N/A	N/A	N/A
6.00	.00	27.01	26.20	N/A	N/A	N/A
6.50	.00	27.01	26.23	N/A	N/A	N/A
7.00	.00	27.01	26.27	N/A	N/A	N/A
7.50	.00	27.02	26.38	N/A	N/A	N/A
8.00	.00	27.03	26.51	N/A	N/A	N/A
8.50	.00	27.04	26.64	N/A	N/A	N/A
9.00	.00	27.05	26.77	N/A	N/A	N/A
9.50	.00	27.06	26.90	N/A	N/A	N/A
10.00	.00	27.08	27.00	N/A	N/A	N/A
10.50	.00	27.10	27.05	N/A	N/A	N/A
11.00	.00	27.13	27.14	N/A	N/A	N/A
11.50	.00	27.17	27.26	N/A	N/A	N/A
12.00	.00	27.27	27.47	N/A	N/A	N/A
12.50	.00	27.44	27.73	N/A	N/A	N/A
13.00	-5.16	27.62	27.87	N/A	N/A	N/A
13.50	-11.61	27.80	27.93	N/A	N/A	N/A
14.00	7.33	27.96	27.94	N/A	N/A	N/A
14.50	19.95	28.03	27.96	N/A	N/A	N/A
15.00	27.09	28.07	27.97	N/A	N/A	N/A
15.50	34.37	28.10	27.97	N/A	N/A	N/A
16.00	41.38	28.13	27.97	N/A	N/A	N/A
16.50	48.22	28.16	27.97	N/A	N/A	N/A
17.00	54.84	28.18	27.96	N/A	N/A	N/A
17.50	60.99	28.21	27.95	N/A	N/A	N/A
18.00	66.57	28.23	27.94	N/A	N/A	N/A
18.50	71.54	28.24	27.93	N/A	N/A	N/A
19.00	75.92	28.26	27.92	N/A	N/A	N/A
19.50	79.72	28.27	27.90	N/A	N/A	N/A
20.00	82.97	28.28	27.89	N/A	N/A	N/A
20.50	85.72	28.29	27.88	N/A	N/A	N/A
21.00	87.98	28.29	27.87	N/A	N/A	N/A
21.50	89.79	28.30	27.86	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: 80-S1

FROM NODE ID: 80

TO NODE ID: S1

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
22.00	91.20	28.30	27.85	N/A	N/A	N/A
22.50	92.24	28.30	27.83	N/A	N/A	N/A
23.00	92.92	28.30	27.82	N/A	N/A	N/A
23.50	93.24	28.31	27.81	N/A	N/A	N/A
24.00	93.15	28.30	27.79	N/A	N/A	N/A
24.50	88.89	28.29	27.77	N/A	N/A	N/A
25.00	84.85	28.27	27.74	N/A	N/A	N/A
25.50	81.00	28.26	27.71	N/A	N/A	N/A
26.00	77.34	28.25	27.68	N/A	N/A	N/A
26.50	73.85	28.23	27.64	N/A	N/A	N/A
27.00	70.52	28.22	27.61	N/A	N/A	N/A
27.50	67.34	28.21	27.58	N/A	N/A	N/A
28.00	64.30	28.19	27.55	N/A	N/A	N/A
28.50	61.41	28.18	27.52	N/A	N/A	N/A
29.00	58.64	28.17	27.49	N/A	N/A	N/A
29.50	56.00	28.16	27.45	N/A	N/A	N/A
30.00	53.48	28.15	27.42	N/A	N/A	N/A
30.50	51.07	28.14	27.39	N/A	N/A	N/A
31.00	48.77	28.13	27.36	N/A	N/A	N/A
31.50	46.57	28.12	27.33	N/A	N/A	N/A
32.00	44.47	28.11	27.30	N/A	N/A	N/A
32.50	42.45	28.10	27.28	N/A	N/A	N/A
33.00	40.53	28.09	27.25	N/A	N/A	N/A
33.50	38.69	28.08	27.22	N/A	N/A	N/A
34.00	36.93	28.07	27.19	N/A	N/A	N/A
34.50	35.24	28.06	27.16	N/A	N/A	N/A
35.00	33.62	28.06	27.14	N/A	N/A	N/A
35.50	32.07	28.05	27.11	N/A	N/A	N/A
36.00	30.59	28.04	27.08	N/A	N/A	N/A
36.50	29.16	28.03	27.06	N/A	N/A	N/A
37.00	27.80	28.03	27.03	N/A	N/A	N/A
37.50	26.49	28.02	27.01	N/A	N/A	N/A
38.00	25.23	28.01	26.81	N/A	N/A	N/A
38.50	24.02	28.00	26.75	N/A	N/A	N/A
39.00	21.97	27.99	26.72	N/A	N/A	N/A
39.50	18.53	27.97	26.67	N/A	N/A	N/A
40.00	15.52	27.95	26.62	N/A	N/A	N/A
40.50	12.89	27.93	26.57	N/A	N/A	N/A
41.00	10.59	27.92	26.53	N/A	N/A	N/A
41.50	8.58	27.90	26.48	N/A	N/A	N/A
42.00	6.83	27.89	26.44	N/A	N/A	N/A
42.50	5.31	27.87	26.40	N/A	N/A	N/A
43.00	4.00	27.86	26.36	N/A	N/A	N/A
43.50	2.87	27.85	26.32	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: 80-S1 FROM NODE ID: 80 TO NODE ID: S1

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
44.00	1.93	27.84	26.28	N/A	N/A	N/A
44.50	1.15	27.83	26.24	N/A	N/A	N/A
45.00	.54	27.82	26.21	N/A	N/A	N/A
45.50	.13	27.81	26.18	N/A	N/A	N/A
46.00	.00	27.80	26.16	N/A	N/A	N/A
46.50	.00	27.79	26.14	N/A	N/A	N/A
47.00	.00	27.78	26.13	N/A	N/A	N/A
47.50	.00	27.77	26.12	N/A	N/A	N/A
48.00	.00	27.76	26.12	N/A	N/A	N/A
48.50	.00	27.75	26.11	N/A	N/A	N/A
49.00	.00	27.74	26.11	N/A	N/A	N/A
49.50	.00	27.73	26.11	N/A	N/A	N/A
50.00	.00	27.73	26.11	N/A	N/A	N/A
50.50	.00	27.72	26.11	N/A	N/A	N/A
51.00	.00	27.71	26.11	N/A	N/A	N/A
51.50	.00	27.70	26.11	N/A	N/A	N/A
52.00	.00	27.69	26.11	N/A	N/A	N/A
52.50	.00	27.69	26.10	N/A	N/A	N/A
53.00	.00	27.68	26.10	N/A	N/A	N/A
53.50	.00	27.67	26.10	N/A	N/A	N/A
54.00	.00	27.67	26.10	N/A	N/A	N/A
54.50	.00	27.66	26.10	N/A	N/A	N/A
55.00	.00	27.65	26.10	N/A	N/A	N/A
55.50	.00	27.65	26.10	N/A	N/A	N/A
56.00	.00	27.64	26.10	N/A	N/A	N/A
56.50	.00	27.63	26.10	N/A	N/A	N/A
57.00	.00	27.63	26.10	N/A	N/A	N/A
57.50	.00	27.62	26.10	N/A	N/A	N/A
58.00	.00	27.61	26.10	N/A	N/A	N/A
58.50	.00	27.61	26.10	N/A	N/A	N/A
59.00	.00	27.60	26.10	N/A	N/A	N/A
59.50	.00	27.60	26.10	N/A	N/A	N/A
60.00	.00	27.59	26.10	N/A	N/A	N/A
60.50	.00	27.59	26.10	N/A	N/A	N/A
61.00	.00	27.58	26.10	N/A	N/A	N/A
61.50	.00	27.58	26.10	N/A	N/A	N/A
62.00	.00	27.57	26.10	N/A	N/A	N/A
62.50	.00	27.56	26.10	N/A	N/A	N/A
63.00	.00	27.56	26.10	N/A	N/A	N/A
63.50	.00	27.55	26.10	N/A	N/A	N/A
64.00	.00	27.55	26.10	N/A	N/A	N/A
64.50	.00	27.55	26.10	N/A	N/A	N/A
65.00	.00	27.54	26.10	N/A	N/A	N/A
65.50	.00	27.54	26.10	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
=====

REACH ID: 80-S1

FROM NODE ID: 80

TO NODE ID: S1

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
66.00	.00	27.53	26.10	N/A	N/A	N/A
66.50	.00	27.53	26.10	N/A	N/A	N/A
67.00	.00	27.52	26.10	N/A	N/A	N/A
67.50	.00	27.52	26.10	N/A	N/A	N/A
68.00	.00	27.51	26.10	N/A	N/A	N/A
68.50	.00	27.51	26.10	N/A	N/A	N/A
69.00	.00	27.51	26.10	N/A	N/A	N/A
69.50	.00	27.50	26.10	N/A	N/A	N/A
70.00	.00	27.50	26.10	N/A	N/A	N/A
70.50	.00	27.49	26.10	N/A	N/A	N/A
71.00	.00	27.49	26.10	N/A	N/A	N/A
71.50	.00	27.49	26.10	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: 80-96

FROM NODE ID: 80

TO NODE ID: 96

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
.00	.00	27.00	25.00	N/A	N/A	N/A
.50	.00	27.00	25.08	N/A	N/A	N/A
1.00	.00	27.00	25.17	N/A	N/A	N/A
1.50	.00	27.00	25.25	N/A	N/A	N/A
2.00	.00	27.00	25.33	N/A	N/A	N/A
2.50	.00	27.00	25.42	N/A	N/A	N/A
3.00	.00	27.00	25.50	N/A	N/A	N/A
3.50	.00	27.00	25.58	N/A	N/A	N/A
4.00	.00	27.00	25.67	N/A	N/A	N/A
4.50	.00	27.00	25.75	N/A	N/A	N/A
5.00	.00	27.00	25.83	N/A	N/A	N/A
5.50	.00	27.00	25.92	N/A	N/A	N/A
6.00	.01	27.01	26.00	N/A	N/A	N/A
6.50	.02	27.01	26.13	N/A	N/A	N/A
7.00	.04	27.01	26.25	N/A	N/A	N/A
7.50	.07	27.02	26.38	N/A	N/A	N/A
8.00	.12	27.03	26.50	N/A	N/A	N/A
8.50	.19	27.04	26.63	N/A	N/A	N/A
9.00	.29	27.05	26.75	N/A	N/A	N/A
9.50	.44	27.06	26.88	N/A	N/A	N/A
10.00	.65	27.08	27.00	N/A	N/A	N/A
10.50	-2.34	27.10	27.20	N/A	N/A	N/A
11.00	-8.55	27.13	27.40	N/A	N/A	N/A
11.50	-18.31	27.17	27.60	N/A	N/A	N/A
12.00	-31.32	27.27	27.80	N/A	N/A	N/A
12.50	-28.29	27.44	27.80	N/A	N/A	N/A
13.00	-22.77	27.62	27.80	N/A	N/A	N/A
13.50	-.46	27.80	27.80	N/A	N/A	N/A
14.00	29.19	27.96	27.80	N/A	N/A	N/A
14.50	37.92	28.03	27.80	N/A	N/A	N/A
15.00	42.46	28.07	27.80	N/A	N/A	N/A
15.50	46.64	28.10	27.80	N/A	N/A	N/A
16.00	50.49	28.13	27.80	N/A	N/A	N/A
16.50	55.22	28.16	27.77	N/A	N/A	N/A
17.00	59.49	28.18	27.74	N/A	N/A	N/A
17.50	63.34	28.21	27.72	N/A	N/A	N/A
18.00	66.81	28.23	27.69	N/A	N/A	N/A
18.50	69.92	28.24	27.66	N/A	N/A	N/A
19.00	72.69	28.26	27.63	N/A	N/A	N/A
19.50	75.14	28.27	27.60	N/A	N/A	N/A
20.00	77.30	28.28	27.58	N/A	N/A	N/A
20.50	79.17	28.29	27.55	N/A	N/A	N/A
21.00	80.77	28.29	27.52	N/A	N/A	N/A
21.50	82.13	28.30	27.49	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: 80-96

FROM NODE ID: 80

TO NODE ID: 96

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
22.00	83.27	28.30	27.46	N/A	N/A	N/A
22.50	84.20	28.30	27.43	N/A	N/A	N/A
23.00	84.94	28.30	27.41	N/A	N/A	N/A
23.50	85.51	28.31	27.38	N/A	N/A	N/A
24.00	85.91	28.30	27.35	N/A	N/A	N/A
24.50	84.19	28.29	27.32	N/A	N/A	N/A
25.00	82.54	28.27	27.29	N/A	N/A	N/A
25.50	80.96	28.26	27.27	N/A	N/A	N/A
26.00	79.43	28.25	27.24	N/A	N/A	N/A
26.50	77.96	28.23	27.21	N/A	N/A	N/A
27.00	76.53	28.22	27.18	N/A	N/A	N/A
27.50	75.15	28.21	27.15	N/A	N/A	N/A
28.00	73.80	28.19	27.12	N/A	N/A	N/A
28.50	72.49	28.18	27.10	N/A	N/A	N/A
29.00	71.21	28.17	27.07	N/A	N/A	N/A
29.50	69.94	28.16	27.04	N/A	N/A	N/A
30.00	68.70	28.15	27.01	N/A	N/A	N/A
30.50	67.47	28.14	26.98	N/A	N/A	N/A
31.00	66.25	28.13	26.96	N/A	N/A	N/A
31.50	65.07	28.12	26.93	N/A	N/A	N/A
32.00	63.94	28.11	26.90	N/A	N/A	N/A
32.50	62.85	28.10	26.87	N/A	N/A	N/A
33.00	61.80	28.09	26.84	N/A	N/A	N/A
33.50	60.79	28.08	26.82	N/A	N/A	N/A
34.00	59.82	28.07	26.79	N/A	N/A	N/A
34.50	58.88	28.06	26.76	N/A	N/A	N/A
35.00	57.98	28.06	26.73	N/A	N/A	N/A
35.50	57.11	28.05	26.70	N/A	N/A	N/A
36.00	56.26	28.04	26.67	N/A	N/A	N/A
36.50	55.45	28.03	26.65	N/A	N/A	N/A
37.00	54.66	28.03	26.62	N/A	N/A	N/A
37.50	53.90	28.02	26.59	N/A	N/A	N/A
38.00	53.17	28.01	26.56	N/A	N/A	N/A
38.50	52.46	28.00	26.53	N/A	N/A	N/A
39.00	51.23	27.99	26.51	N/A	N/A	N/A
39.50	49.12	27.97	26.48	N/A	N/A	N/A
40.00	47.22	27.95	26.45	N/A	N/A	N/A
40.50	45.48	27.93	26.42	N/A	N/A	N/A
41.00	43.90	27.92	26.39	N/A	N/A	N/A
41.50	42.45	27.90	26.37	N/A	N/A	N/A
42.00	41.11	27.89	26.34	N/A	N/A	N/A
42.50	39.88	27.87	26.31	N/A	N/A	N/A
43.00	38.73	27.86	26.28	N/A	N/A	N/A
43.50	37.66	27.85	26.25	N/A	N/A	N/A

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: 80-96

FROM NODE ID: 80

TO NODE ID: 96

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
44.00	36.66	27.84	26.22	N/A	N/A	N/A
44.50	35.72	27.83	26.20	N/A	N/A	N/A
45.00	34.83	27.82	26.17	N/A	N/A	N/A
45.50	33.99	27.81	26.14	N/A	N/A	N/A
46.00	33.19	27.80	26.11	N/A	N/A	N/A
46.50	32.41	27.79	26.08	N/A	N/A	N/A
47.00	31.67	27.78	26.06	N/A	N/A	N/A
47.50	30.95	27.77	26.03	N/A	N/A	N/A
48.00	30.25	27.76	26.00	N/A	N/A	N/A
48.50	29.58	27.75	25.97	N/A	N/A	N/A
49.00	28.93	27.74	25.94	N/A	N/A	N/A
49.50	28.30	27.73	25.92	N/A	N/A	N/A
50.00	27.70	27.73	25.89	N/A	N/A	N/A
50.50	27.11	27.72	25.86	N/A	N/A	N/A
51.00	26.55	27.71	25.83	N/A	N/A	N/A
51.50	26.00	27.70	25.80	N/A	N/A	N/A
52.00	25.47	27.69	25.77	N/A	N/A	N/A
52.50	24.95	27.69	25.75	N/A	N/A	N/A
53.00	24.45	27.68	25.72	N/A	N/A	N/A
53.50	23.97	27.67	25.69	N/A	N/A	N/A
54.00	23.50	27.67	25.66	N/A	N/A	N/A
54.50	23.04	27.66	25.63	N/A	N/A	N/A
55.00	22.60	27.65	25.61	N/A	N/A	N/A
55.50	22.17	27.65	25.58	N/A	N/A	N/A
56.00	21.75	27.64	25.55	N/A	N/A	N/A
56.50	21.35	27.63	25.52	N/A	N/A	N/A
57.00	20.96	27.63	25.49	N/A	N/A	N/A
57.50	20.57	27.62	25.47	N/A	N/A	N/A
58.00	20.20	27.61	25.44	N/A	N/A	N/A
58.50	19.84	27.61	25.41	N/A	N/A	N/A
59.00	19.49	27.60	25.38	N/A	N/A	N/A
59.50	19.15	27.60	25.35	N/A	N/A	N/A
60.00	18.81	27.59	25.32	N/A	N/A	N/A
60.50	18.49	27.59	25.30	N/A	N/A	N/A
61.00	18.17	27.58	25.27	N/A	N/A	N/A
61.50	17.87	27.58	25.24	N/A	N/A	N/A
62.00	17.57	27.57	25.21	N/A	N/A	N/A
62.50	17.28	27.56	25.18	N/A	N/A	N/A
63.00	16.99	27.56	25.16	N/A	N/A	N/A
63.50	16.71	27.55	25.13	N/A	N/A	N/A
64.00	16.44	27.55	25.10	N/A	N/A	N/A
64.50	16.18	27.55	25.07	N/A	N/A	N/A
65.00	15.92	27.54	25.04	N/A	N/A	N/A
65.50	15.67	27.54	25.02	N/A	N/A	N/A

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

REACH FLOW/STAGE/VELOCITY REPORT
 =====

REACH ID: 80-96 FROM NODE ID: 80 TO NODE ID: 96

TIME (hrs)	FLOW (cfs)	U/S STG (ft)	D/S STG (ft)	U/S VEL (fps)	D/S VEL (fps)	AVG VEL (fps)
66.00	15.42	27.53	24.99	N/A	N/A	N/A
66.50	15.18	27.53	24.96	N/A	N/A	N/A
67.00	14.95	27.52	24.93	N/A	N/A	N/A
67.50	14.72	27.52	24.90	N/A	N/A	N/A
68.00	14.50	27.51	24.87	N/A	N/A	N/A
68.50	14.28	27.51	24.85	N/A	N/A	N/A
69.00	14.07	27.51	24.82	N/A	N/A	N/A
69.50	13.86	27.50	24.79	N/A	N/A	N/A
70.00	13.66	27.50	24.76	N/A	N/A	N/A
70.50	13.46	27.49	24.73	N/A	N/A	N/A
71.00	13.26	27.49	24.71	N/A	N/A	N/A
71.50	13.07	27.49	24.68	N/A	N/A	N/A

FINITE LINE SINKS OR SOURCES

SINK NUMBER	XB(FT)	START YB(FT)	END XE(FT)	YE(FT)
0 1	0	0	0	100
0 2	100			

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS -->		<-- MAXIMUMS -->	
		VALUE	TIME (hr)	VALUE	TIME (hr)
51	STAGE (ft):	26.10	3.00	27.97	16.00
	VOLUME (af):	.14	3.00	35.70	16.00
	RUNOFF (cfs):	.00	71.50	141.91	12.50
	OFFSITE (cfs):	.00	71.50	.00	71.50
	OTHER (cfs):	-11.61	13.50	93.24	23.50
	OUTFLOW (cfs):	-104.36	12.00	116.04	23.50
52	STAGE (ft):	25.20	2.50	26.70	17.00
	VOLUME (af):	15.87	2.50	176.86	17.00
	RUNOFF (cfs):	.00	71.50	544.79	12.50
	OFFSITE (cfs):	.00	71.50	.00	71.50
	OTHER (cfs):	.00	71.50	.00	71.50
	OUTFLOW (cfs):	-54.69	12.00	351.96	16.00
53	STAGE (ft):	24.20	3.00	26.03	16.00
	VOLUME (af):	21.83	3.00	91.56	16.00
	RUNOFF (cfs):	.00	71.50	247.35	12.00
	OFFSITE (cfs):	.00	71.50	.00	71.50
	OTHER (cfs):	.00	71.50	264.02	17.50
	OUTFLOW (cfs):	-959.89	12.00	403.59	16.50
80	STAGE (ft):	27.00	3.00	28.31	23.50
	VOLUME (af):	.00	3.00	284.99	23.50
	RUNOFF (cfs):	.00	71.50	588.29	12.50
	OFFSITE (cfs):	.00	71.50	.00	71.50
	OTHER (cfs):	.00	71.50	.00	71.50
	OUTFLOW (cfs):	-31.32	12.00	179.05	24.00
96	STAGE (ft):	24.68	71.50	27.80	16.00
	VOLUME (af):	-16.05	13.00	376.11	71.50
	RUNOFF (cfs):	.00	71.50	.00	71.50
	OFFSITE (cfs):	.00	71.50	.00	71.50
	OTHER (cfs):	-135.67	12.00	201.92	24.00
	OUTFLOW (cfs):	.00	71.50	.00	71.50

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.31)
 Copyright 1989-1990, Streamline Technologies, Inc.

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
 25YR/24HR ANALYSIS 10-29-91

NODAL MIN/MAX/TIME CONDITIONS REPORT

```

=====
      |<-- MINIMUMS  -->|  |<-- MAXIMUMS  -->|
NODE ID      PARAMETER      VALUE TIME (hr)      VALUE TIME (hr)
-----
97          STAGE (ft):      22.00          .00      26.50      16.00
          VOLUME (af):      -12.10         14.00     124.34      71.50
          RUNOFF (cfs):        .00         71.50        .00      71.50
          OFFSITE (cfs):        .00         71.50        .00      71.50
          OTHER (cfs):       -81.44         12.00      92.79      20.00
          OUTFLOW (cfs):        .00         71.50        .00      71.50

98          STAGE (ft):      18.90          .00      26.00      16.00
          VOLUME (af):        -4.97         12.50      32.89      71.50
          RUNOFF (cfs):        .00         71.50        .00      71.50
          OFFSITE (cfs):        .00         71.50        .00      71.50
          OTHER (cfs):     -133.47         12.00      37.42      16.50
          OUTFLOW (cfs):        .00         71.50        .00      71.50

99          STAGE (ft):      18.90          .00      26.00      16.00
          VOLUME (af):     -36.30         12.50     283.61      71.50
          RUNOFF (cfs):        .00         71.50        .00      71.50
          OFFSITE (cfs):        .00         71.50        .00      71.50
          OTHER (cfs):     -826.43         12.00     366.17      16.50
          OUTFLOW (cfs):        .00         71.50        .00      71.50
  
```

SEMINOLE ELECTRIC: WETLAND RESTORATION PROJECT
25YR/24HR ANALYSIS 10-29-91

REACH MAXIMUM FLOW REPORT
=====

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
S1-96	23.50	116.04	S1	27.81	96	27.38
S2-97	20.00	92.79	S2	26.64	97	26.19
S3-98	16.50	37.42	S3	26.00	98	25.94
S2-S3-1	17.50	220.86	S2	26.70	S3	25.87
S2-S3-2	17.00	43.20	S2	26.70	S3	25.93
S3-99	16.50	366.17	S3	26.00	99	25.94
S0-S1	23.50	93.24	S0	28.31	S1	27.81
S0-96	24.00	85.91	S0	28.30	96	27.35

**SEMINOLE ELECTRIC
GROUNDWATER DRAWDOWN
SLOUGH 1**

SOILS TYPE: Felda Fine Sand (#12) - BD

WATER TABLE:	WATER DEPT (IN)	MONTHS/YEAR (MOS)
	10	2 - 6
	10 - 40	6
	>40	2

SOIL STRATA:	DEPTH (IN)	SOIL TEXTURE, USDA
	0 - 22	Fine Sand
	22 - 2 38	Sandy Loam, Fine Sandy Loam, Sandy Clay Loam
	38 - 88	Sand, Fine Sand, Loamy Sand

PERMEABILITY:	DEPTH (IN)	CLAY (%)	PERMEABILITY (IN/HR)
	0 - 22	1 - 3	6.0 - 20.0
	22 - 38	13 - 30	0.6 - 6.0
	38 - 80	1 - 10	6.0 - 20.0

DEPTH TO CONFINING LAYER: 88/12 = 7.33' = Use 8' Min.

MAIN DITCH: Invert = 21.0 FT-MSL

Approximate Seasonal High Water Surface = 24.0 FT-MSL

WETLAND GRADE (AVG) = 26.0 FT-MSL

HYDRAULIC CONDUCTIVITY: USE 6 IN/HR

$$\frac{6 \text{ IN}}{\text{HR}} \left(\frac{1 \text{ FT}}{12 \text{ IN}} \right) \frac{(6.48 \text{ GAL})}{\text{CF}} \frac{(24 \text{ HRS})}{\text{DAY}} = 77.76 \frac{\text{GAL}}{\text{DAY SF}}$$

SEASONAL HIGH GROUNDWATER: Use proposed SHWL = 26.1

THICKNESS OF WATER TABLE: $26.1 - (26.0 - 8) = 8.1$

SEMINOLE ELECTRIC: WETLAND ANALYSIS - SCOUR #1

FINITE LINE SINKS OR SOURCES

SINK NUMBER	XB (FT)	START YB (FT)	END XE (FT)	YE (FT)
0 1	0	-300	0	300

WATER TABLE AQUIFER

HYDRAULIC CONDUCTIVITY= 77.76 GPD/SQ FT

SPECIFIC YIELD= .2

WATER TABLE THICKNESS= 8.100001 FT

TIMES, DRAWDOWNS AND FLOWS

SINK NUMBER	LENGTH (FT)	TIME (DAYS)	RADIUS OF INFLUENCE (FT)	DRAWDOWN (FT)	FLOW (GPD)
1	600	31	228.4892	2.1	10297.79

**SEMINOLE ELECTRIC
GROUNDWATER DRAWDOWN
SLOUGH 2**

SOILS TYPE:

Felda Fine Sane (#12) - B/D

Heights Fine Sane (#70) - B/D

WATER TABLE:

WATER DEPTH MONTHS/YEAR (MOS)
(IN)

- Felda	10	2 - 4
	10 - 40	6
	>40	2
- Heights	10	1 - 2
	10 - 40	4 - 6
	>40	4 - 7

SOIL STRATA:

DEPTH (IN) SOIL TEXTURE, USDA

- Felda	0 - 22	Fine Sand
	22 - 38	Sandy Loam, Fine Sandy Loam, Sandy Clay Loam
	38 - 88	Sand, Fine Sand, Loamy Sand
- Heights	0 - 29	Fine Sand
	29 - 36	Loamy Fine Sand, Loamy Sand
	36 - 42	Cobbly Fine Sandy Loam, Cobbly Loamy Sand
	42 - 60	Fine Sandy Loam, Loamy Sand

PERMEABILITY:

**DEPTH (IN) CLAY (%) PERMEABILITY
(IN/HR)**

- Felda	0 - 22	1 - 3	6.0 - 20.0
	22 - 38	13 - 30	0.6 - 6.0
	38 - 80	1 - 10	6.0 - 20.0
- Heights	0 - 29	1 - 5	6.0 - 20.0
	29 - 36	7 - 15	0.6 - 6.0
	36 - 42	7 - 15	0.2 - 2.0
	42 - 80	11 - 18	0.06 - 0.2

DEPTH TO CONFINING LAYER:

80/12 = 6.67' = Use 7.0' Min.

MAIN DITCH:

Invert = 21.0 FT-MSL

Approximate Seasonal High Water Surface = 24 FT-MSL

WETLAND GRADE (AVG) =

24.5

HYDRAULIC CONDUCTIVITY:

USE 6 IN/HR 6 IN (1 FT) (6.48) (24 HRS) = 77.76 GAL
HR 12 IN LF DAY DAY-SF

SEASONAL HIGH GROUNDWATER:

Use Proposed SHWL = 25.2

THICKNESS OF WATER TABLE:

25.2 - (24.5 - 7) = 7.7

BEST AVAILABLE COPY

SEMINOLE ELECTRIC: WETLAND ANALYSIS - SCOUR #2

FINITE LINE SINKS OR SOURCES

SINK NUMBER	XB(FT)	START YB(FT)	END XE(FT)	YE(FT)
0 1	0	-300	0	300

WATER TABLE AQUIFER
 HYDRAULIC CONDUCTIVITY= 77.76 GPD/SD FT
 SPECIFIC YIELD= .2
 WATER TABLE THICKNESS= 7.7 FT

TIMES, DRAWDOWNS AND FLOWS

SINK NUMBER	LENGTH (FT)	TIME (DAYS)	RADIUS OF INFLUENCE (FT)	DRAWDOWN (FT)	FLOW (GPD)
1	600	31	222.7761	1.2	6057.435

**SEMINOLE ELECTRIC
GROUNDWATER DRAWDOWN
SLOUGH 3**

SOILS TYPE:	Felda Fine Sand (#12) - B/D		
WATER TABLE:	WATER DEPTH (IN)	MONTHS/YEAR (MOS)	
	10	2 - 4	
	10 - 40	6	
	>40	2	
SOIL STRATA:	DEPTH (IN)	SOIL TEXTURE USDA	
	0 - 22	Fine Sand	
	22 - 38	Sandy Loam, Fine Sandy Loam, Sandy Clay Loam	
	38 - 88	Sand, Fine Sand, Loamy Sand	
PERMEABILITY:	DEPTH (IN)	CLAY (%)	PERMEABILITY (IN/HR)
	0 - 22	1 - 3	6.0 - 20.0
	22 - 38	13 - 30	0.6 - 6.0
	38 - 80	1 - 10	6.0 - 20.0
DEPTH TO CONFINING LAYER:	80/12 = 6.67' = Use 7.0 Min		
MAIN DITCH:	Invert = 17.9 FT-MSL		
	Approximate Seasonal High Water Surface Elevation = 20.9 FT-MSL		
WETLAND GRADE (AVG):	23.5 FT-MSL		
HYDRAULIC CONDUCTIVITY:	Use 6 IN/HR $\frac{6 \text{ IN (1 FT)}}{\text{HR 12 IN CF}} \frac{(6.48 \text{ GAL}) (24 \text{ HRS})}{\text{DAY}} = 77.76 \frac{\text{GAL}}{\text{DAY-SF}}$		
SEASONAL HIGH GROUNDWATER:	Use Proposed SHWL = 24.2 FT-MSL		
THICKNESS OF WATER TABLE:	24.2 (23.5 - 7) = 7.7		

BEST AVAILABLE COPY

SEMINOLE ELECTRIC: WETLAND ANALYSIS - SCOUR #3

FINITE LINE SINKS OR SOURCES

SINK NUMBER	XB(FT)	START YB(FT)	END XE(FT)	YE(FT)
0 1	0	-300	0	300

WATER TABLE AQUIFER
 HYDRAULIC CONDUCTIVITY= 77.76 GPD/SQ FT
 SPECIFIC YIELD= .2
 WATER TABLE THICKNESS= 7.7 FT

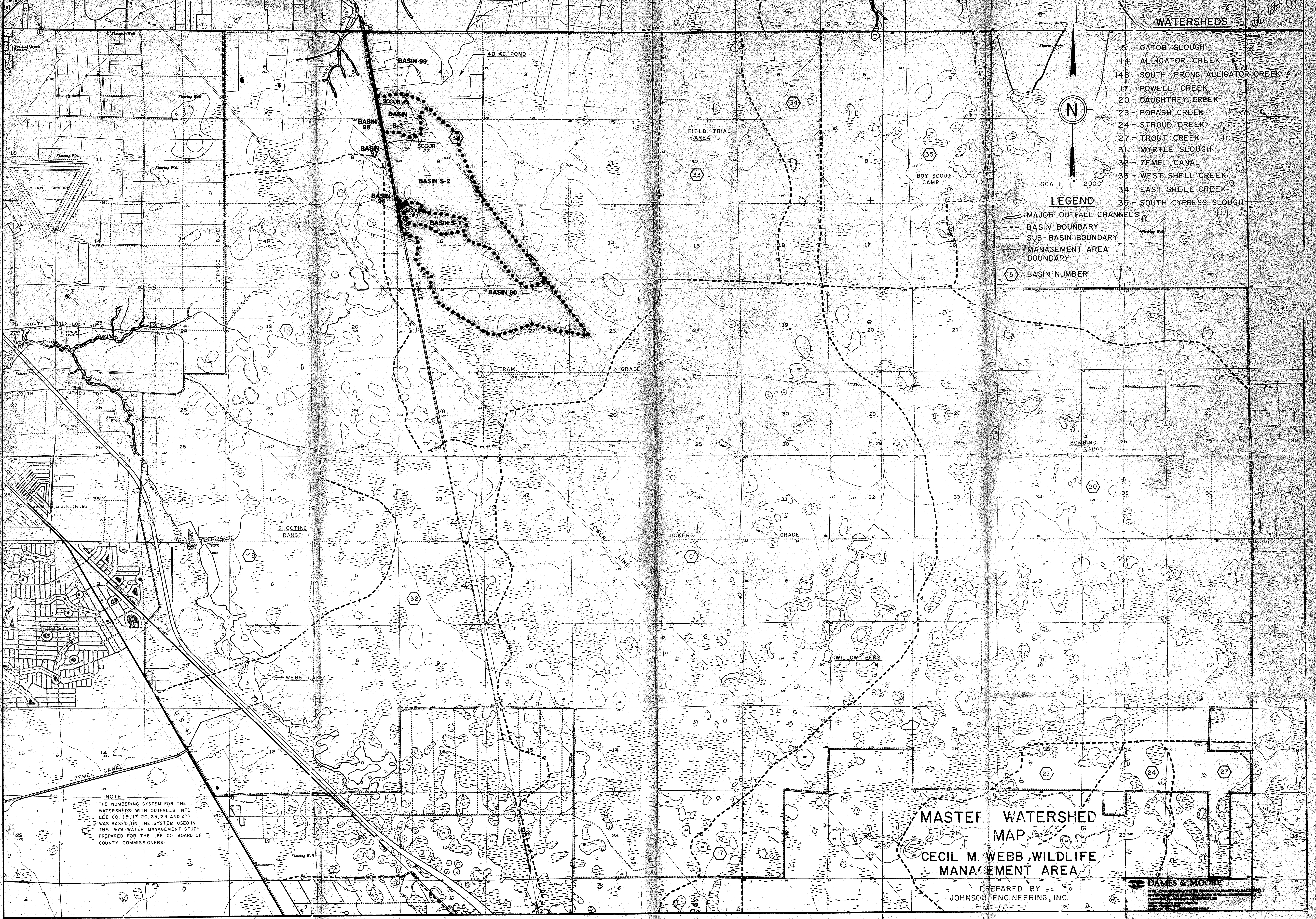
TIMES, DRAWDOWNS AND FLOWS

SINK NUMBER	LENGTH (FT)	TIME (DAYS)	RADIUS OF INFLUENCE (FT)	DRAWDOWN (FT)	FLOW (GPD)
1	600	31	222.7761	3.3	14194.44

**SEMINOLE ELECTRIC WETLAND ANALYSIS
VELOCITY CALCULATIONS**

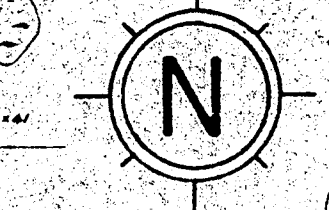
SLOUGH #	WEIR INVERT (FT-MSL)	PEAK FLOW (CFS)	PEAK STAGE (FT-MSL)	EFFECTIVE CROSS-SECTION AREA (SF)	VELOCITY (FPS)
1	26.10	116.0	27.81	45.9	2.53
2	25.20	92.8	26.64	37.1	2.50
3	24.20	37.4	26.00	49.0	0.76

(1) Peak Stage is the water surface elevation calculated at the time the peak discharge occurs. It is not necessarily the ultimate peak stage.



WATERSHEDS

- 5 GATOR SLOUGH
- 14 ALLIGATOR CREEK
- 14B SOUTH PRONG ALLIGATOR CREEK
- 17 POWELL CREEK
- 20 DAUGHTREY CREEK
- 23 POPASH CREEK
- 24 STROUD CREEK
- 27 TROUT CREEK
- 31 MYRTLE SLOUGH
- 32 ZEMEL CANAL
- 33 WEST SHELL CREEK
- 34 EAST SHELL CREEK
- 35 SOUTH CYPRESS SLOUGH



SCALE 1" = 2000'

LEGEND

- MAJOR OUTFALL CHANNELS
- BASIN BOUNDARY
- SUB-BASIN BOUNDARY
- MANAGEMENT AREA BOUNDARY
- BASIN NUMBER

NOTE
THE NUMBERING SYSTEM FOR THE WATERSHEDS WITH OUTFALLS INTO LEE CO. (15, 17, 20, 23, 24 AND 27) WAS BASED ON THE SYSTEM USED IN THE 1979 WATER MANAGEMENT STUDY PREPARED FOR THE LEE CO BOARD OF COUNTY COMMISSIONERS.

MASTER WATERSHED
MAP
CECIL M. WEBB WILDLIFE
MANAGEMENT AREA

PREPARED BY
JOHNSON ENGINEERING, INC.

DAMES & MOORE
CIVIL ENGINEERING, ARCHITECTURE, PLANNING, LANDSCAPE ARCHITECTURE, ENVIRONMENTAL ENGINEERING
1000 P STREET, N.W.
WASHINGTON, D.C. 20004