25 Year - 24-Hour Storm Event

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Dufresne-Henry

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Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
BNDY1	BASE	25YEAR	0.00	22.500	22.500	0.0000	0	12.91	37.899	0.00	0.000
BNDY1A	BASE	25YEAR	0.00	22.500	22.500	0.0000	0	12.50	37.568	0.00	0.000
BNDY2	BASE	25YEAR	0.00	22.500	22.500	0.0000	0	12.83	79.011	0.00	0.000
BNDY2A	BASE	25YEAR	0.00	22.500	22.500	0.0000	0	12.51	78.744	0.00	0.000
BNDY3	BASE	25YEAR	0.00	22.500	22.500	0.0000	0	13.50	90.222	0.00	0.000
BNDY3A	BASE	25YEAR	0.00	22.500	22.500	0.0000	0	13.21	89.204	0.00	0.000
BNDY4	BASE	25YEAR	0.00	22.650	22.650	0.0000	0	13.26	52.719	0.00	0.000
BNDY4A	BASE	25YEAR	0.00	22.650	22.650	0.0000	0	12.66	51.502	0.00	0.000
POND1	BASE	25YEAR	16.05	27.850	29.500	0.0305	305529	12.35	129.164	16.05	15.156
POND2	BASE	25YEAR	13.06	25.826	29.500	0.0183	105754	12.33	40.740	13.06	25.285
POND3	BASE	25YEAR	13.03	26.180	29.500	0.0222	55989	12.33	25.711	13.03	16.395
POND4	BASE	25YEAR	13.25	27.271	29.500	0.0350	203285	12.35	130.744	13.25	73.123
POND5	BASE	25YEAR	14.86	26.714	29.500	0.0227	170486	12.35	58.765	14.86	13.029

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NODE MAXIMIUM CONDITIONS

C & D RECYCLING AND DISPOSAL FACILITY
DUFRESNE-HENRY 9528898.01
January 28, 2004

Name	Group	From Node	To Node	Type	U/S Geometry	D/S Geometry	Flow Dir
	BASE			Channel	Trapezoidal	Trapezoidal	Both
W1	BASE	POND1	BNDY1A	Vertical WGO Mavis	Rectangular		Both
W2	BASE	POND2	BNDY2A	Vertical WGO Mavis	Rectangular		Both
W3	BASE	POND3	BNDY3A	Vertical WGO Mavis	Rectangular		Both
W4	BASE	POND4	BNDY3A	Vertical WGO Mavis	Rectangular		Both
W5	BASE	POND5	BNDY4A	Vertical WGO Mavis	Rectangular		Both
	BASE			Bridge			Both

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```
          Basin Name: B1>POND1
          Group Name: BASE
          Simulation: 25YEAR
           Node Name: POND1
          Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
  Spec Time Inc (min): 5.10
  Comp Time Inc (min): 5.10
        Rainfall File: FLMOD
 Rainfall Amount (in): 8.000
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 38.28
     Time Shift (hrs): 0.00
            Area (ac): 63.339
 Vol of Unit Hyd (in): 1.000
        Curve Number: 80.000
           DCIA (%): 0.000

       Time Max (hrs): 12.33
       Flow Max (cfs): 129.277
   Runoff Volume (in): 5.622
 Runoff Volume (ft3): 1292676.310
```

```
          Basin Name: B2>POND2
          Group Name: BASE
          Simulation: 25YEAR
           Node Name: POND2
          Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
  Spec Time Inc (min): 4.86
  Comp Time Inc (min): 4.86
        Rainfall File: FLMOD
 Rainfall Amount (in): 8.000
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 36.48
     Time Shift (hrs): 0.00
            Area (ac): 19.422
 Vol of Unit Hyd (in): 1.000
        Curve Number: 80.000
           DCIA (%): 0.000

       Time Max (hrs): 12.32
       Flow Max (cfs): 40.804
   Runoff Volume (in): 5.623
 Runoff Volume (ft3): 396420.218
```

```
          Basin Name: B3>POND3
          Group Name: BASE
          Simulation: 25YEAR
           Node Name: POND3
          Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
  Spec Time Inc (min): 4.86
  Comp Time Inc (min): 4.86
        Rainfall File: FLMOD
 Rainfall Amount (in): 8.000
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 36.48
     Time Shift (hrs): 0.00
            Area (ac): 12.257
 Vol of Unit Hyd (in): 1.000
        Curve Number: 80.000
           DCIA (%): 0.000

       Time Max (hrs): 12.32
       Flow Max (cfs): 25.751
   Runoff Volume (in): 5.623
 Runoff Volume (ft3): 250177.729
```

```
          Basin Name: B4>POND4
          Group Name: BASE
          Simulation: 25YEAR
           Node Name: POND4
          Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
  Spec Time Inc (min): 5.10
  Comp Time Inc (min): 5.10
```

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BASIN SUMMARY

```
        Rainfall File: FLMOD
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
                Status: Onsite
   Time of Conc (min): 38.28
     Time Shift (hrs): 0.00
            Area (ac): 64.114
  Vol of Unit Hyd (in): 1.000
         Curve Number: 80.000
            DCIA (%): 0.000

       Time Max (hrs): 12.33
      Flow Max (cfs): 130.859
   Runoff Volume (in): 5.622
  Runoff Volume (ft3): 1308489.039
```

```
           Basin Name: B5>POND5
           Group Name: BASE
           Simulation: 25YEAR
            Node Name: POND5
           Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
  Spec Time Inc (min): 5.10
  Comp Time Inc (min): 5.10
        Rainfall File: FLMOD
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
                Status: Onsite
   Time of Conc (min): 38.28
     Time Shift (hrs): 0.00
            Area (ac): 28.817
  Vol of Unit Hyd (in): 1.000
         Curve Number: 80.000
            DCIA (%): 0.000

       Time Max (hrs): 12.33
      Flow Max (cfs): 58.816
   Runoff Volume (in): 5.622
  Runoff Volume (ft3): 588118.005
```

```
           Basin Name: PRE>BNDY1
           Group Name: BASE
           Simulation: 25YEAR
            Node Name: BNDY1
           Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
  Spec Time Inc (min): 11.04
  Comp Time Inc (min): 11.04
        Rainfall File: FLMOD
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
                Status: Onsite
   Time of Conc (min): 82.80
     Time Shift (hrs): 0.00
            Area (ac): 32.754
  Vol of Unit Hyd (in): 1.000
         Curve Number: 77.000
            DCIA (%): 0.000

       Time Max (hrs): 12.88
      Flow Max (cfs): 38.064
   Runoff Volume (in): 5.267
  Runoff Volume (ft3): 626194.164
```

```
           Basin Name: PRE>BNDY2
           Group Name: BASE
           Simulation: 25YEAR
            Node Name: BNDY2
           Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
  Spec Time Inc (min): 10.24
  Comp Time Inc (min): 10.24
        Rainfall File: FLMOD
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
                Status: Onsite
   Time of Conc (min): 76.80
     Time Shift (hrs): 0.00
            Area (ac): 64.662
  Vol of Unit Hyd (in): 1.000
         Curve Number: 77.000
            DCIA (%): 0.000
```

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BASIN SUMMARY

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```
        Time Max (hrs): 12.80
        Flow Max (cfs): 79.319
     Runoff Volume (in): 5.265
  Runoff Volume (ft3): 1235764.770
```

```
            Basin Name: PRE>BNDY3
            Group Name: BASE
            Simulation: 25YEAR
             Node Name: BNDY3
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH256
         Peaking Fator: 256.0
  Spec Time Inc (min): 18.31
  Comp Time Inc (min): 15.00
        Rainfall File: FLMOD
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
              Status: Onsite
    Time of Conc (min): 137.34
     Time Shift (hrs): 0.00
           Area (ac): 113.085
  Vol of Unit Hyd (in): 1.000
        Curve Number: 77.000
            DCIA (%): 0.000

        Time Max (hrs): 13.50
        Flow Max (cfs): 90.245
     Runoff Volume (in): 5.274
  Runoff Volume (ft3): 2164961.630
```

```
            Basin Name: PRE>BNDY4
            Group Name: BASE
            Simulation: 25YEAR
             Node Name: BNDY4
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH256
         Peaking Fator: 256.0
  Spec Time Inc (min): 16.18
  Comp Time Inc (min): 15.00
        Rainfall File: FLMOD
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
              Status: Onsite
    Time of Conc (min): 121.32
     Time Shift (hrs): 0.00
           Area (ac): 60.452
  Vol of Unit Hyd (in): 1.000
        Curve Number: 77.000
            DCIA (%): 0.000

        Time Max (hrs): 13.25
        Flow Max (cfs): 52.741
     Runoff Volume (in): 5.263
  Runoff Volume (ft3): 1154845.685
```

```
            Basin Name: REM-A>BNDY1A
            Group Name: BASE
            Simulation: 25YEAR
             Node Name: BNDY1A
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH256
         Peaking Fator: 256.0
  Spec Time Inc (min): 5.33
  Comp Time Inc (min): 5.33
        Rainfall File: FLMOD
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
              Status: Onsite
    Time of Conc (min): 40.00
     Time Shift (hrs): 0.00
           Area (ac): 18.378
  Vol of Unit Hyd (in): 1.000
        Curve Number: 77.000
            DCIA (%): 0.000

        Time Max (hrs): 12.36
        Flow Max (cfs): 34.293
     Runoff Volume (in): 5.273
  Runoff Volume (ft3): 351743.963
```

```
            Basin Name: REM-B>BNDY2A
```

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```
          Group Name: BASE
          Simulation: 25YEAR
           Node Name: BNDY2A
          Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
  Spec Time Inc (min): 5.33
  Comp Time Inc (min): 5.33
        Rainfall File: FLMOD
Rainfall Amount (in): 8.000
Storm Duration (hrs): 24.00
              Status: Onsite
  Time of Conc (min): 40.00
    Time Shift (hrs): 0.00
          Area (ac): 32.983
Vol of Unit Hyd (in): 1.000
       Curve Number: 77.000
           DCIA (%): 0.000

      Time Max (hrs): 12.36
     Flow Max (cfs): 61.546
  Runoff Volume (in): 5.273
Runoff Volume (ft3): 631274.956
```

```
          Basin Name: REM-C/D>BNDY4A
          Group Name: BASE
          Simulation: 25YEAR
           Node Name: BNDY4A
          Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
  Spec Time Inc (min): 8.00
  Comp Time Inc (min): 8.00
        Rainfall File: FLMOD
Rainfall Amount (in): 8.000
Storm Duration (hrs): 24.00
              Status: Onsite
  Time of Conc (min): 60.00
    Time Shift (hrs): 0.00
          Area (ac): 31.635
Vol of Unit Hyd (in): 1.000
       Curve Number: 77.000
           DCIA (%): 0.000

      Time Max (hrs): 12.67
     Flow Max (cfs): 45.866
  Runoff Volume (in): 5.273
Runoff Volume (ft3): 605476.954
```

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BASIN SUMMARY

**** Basins ****

Name: B1>POND1
Group: BASE
Node: POND1
Type: SCS Unit Hydrograph
Status: Onsite

Unit Hydrograph: UH256
Rainfall File: FLMOD
Rainfall Amount(in): 8.000
Area(ac): 63.339
Curve Number: 80.00
DCIA(%): 0.00
Peaking Factor: 256.0
Storm Duration(hrs): 24.00
Time of Conc(min): 38.28
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

PROPOSED CONDITIONS

Name: B2>POND2
Group: BASE
Node: POND2
Type: SCS Unit Hydrograph
Status: Onsite

Unit Hydrograph: UH256
Rainfall File: FLMOD
Rainfall Amount(in): 8.000
Area(ac): 19.422
Curve Number: 80.00
DCIA(%): 0.00
Peaking Factor: 256.0
Storm Duration(hrs): 24.00
Time of Conc(min): 36.48
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

PROPOSED CONDITIONS

Name: B3>POND3
Group: BASE
Node: POND3
Type: SCS Unit Hydrograph
Status: Onsite

Unit Hydrograph: UH256
Rainfall File: FLMOD
Rainfall Amount(in): 8.000
Area(ac): 12.257
Curve Number: 80.00
DCIA(%): 0.00
Peaking Factor: 256.0
Storm Duration(hrs): 24.00
Time of Conc(min): 36.48
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

PROPOSED CONDITIONS

Name: B4>POND4
Group: BASE
Node: POND4
Type: SCS Unit Hydrograph
Status: Onsite

Unit Hydrograph: UH256
Rainfall File: FLMOD
Rainfall Amount(in): 8.000
Area(ac): 64.114
Curve Number: 80.00
DCIA(%): 0.00
Peaking Factor: 256.0
Storm Duration(hrs): 24.00
Time of Conc(min): 38.28
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

PROPOSED CONDITIONS

Name: B5>POND5
Group: BASE
Node: POND5
Type: SCS Unit Hydrograph
Status: Onsite

Unit Hydrograph: UH256
Rainfall File: FLMOD
Rainfall Amount(in): 8.000
Area(ac): 28.817
Curve Number: 80.00
DCIA(%): 0.00
Peaking Factor: 256.0
Storm Duration(hrs): 24.00
Time of Conc(min): 38.28
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

PROPOSED CONDITIONS

Name: PRE>BNDY1
Group: BASE
Node: BNDY1
Type: SCS Unit Hydrograph
Status: Onsite

Unit Hydrograph: UH256
Rainfall File: FLMOD
Rainfall Amount(in): 8.000
Area(ac): 32.754
Curve Number: 77.00
DCIA(%): 0.00
Peaking Factor: 256.0
Storm Duration(hrs): 24.00
Time of Conc(min): 82.80
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

EXISTING CONDITIONS

Name: PRE>BNDY2
Group: BASE
Node: BNDY2
Type: SCS Unit Hydrograph
Status: Onsite

Unit Hydrograph: UH256
Rainfall File: FLMOD
Rainfall Amount(in): 8.000
Area(ac): 64.662
Curve Number: 77.50
DCIA(%): 0.00
Peaking Factor: 256.0
Storm Duration(hrs): 24.00
Time of Conc(min): 76.80
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

EXISTING CONDITIONS

Name: PRE>BNDY3
Node: BNDY3
Status: Onsite

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Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 137.34
Area(ac): 113.085 Time Shift(hrs): 0.00
Curve Number: 77.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

EXISTING CONDITIONS

Name: PRE>BNDY4 Node: BNDY4 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 121.32
Area(ac): 60.452 Time Shift(hrs): 0.00
Curve Number: 77.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

EXISTING CONDITIONS

Name: REM-A>BNDY1A Node: BNDY1A Status: Onsite
Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 40.00
Area(ac): 18.378 Time Shift(hrs): 0.00
Curve Number: 77.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

EXISTING CONDITIONS

Name: REM-B>BNDY2A Node: BNDY2A Status: Onsite
Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 40.00
Area(ac): 32.983 Time Shift(hrs): 0.00
Curve Number: 77.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

EXISTING CONDITIONS

Name: REM-C/D>BNDY4A Node: BNDY4A Status: Onsite
Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 60.00
Area(ac): 31.635 Time Shift(hrs): 0.00
Curve Number: 77.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

EXISTING CONDITIONS

==========
==== Nodes ====
==========

Name: BNDY1 Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: BASE Warn Stage(ft): 22.500
Type: Time/Stage

EXISTING TO BNDY1

Time(hrs)	Stage(ft)
0.00	22.500
12.00	22.500
36.00	22.500

Name: BNDY1A Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: BASE Warn Stage(ft): 22.500
Type: Time/Stage

PROPOSED TO BNDY1A

Time(hrs)	Stage(ft)
0.00	22.500
12.00	22.500
36.00	22.500

Name: BNDY2 Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: BASE Warn Stage(ft): 22.500
Type: Time/Stage

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EXISTING TO BNDY2

Time(hrs)	Stage(ft)
0.00	22.500
12.00	22.500
36.00	22.500

Name: BNDY2A Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: BASE Warn Stage(ft): 22.500
Type: Time/Stage

PROPOSED TO BNDY2A

Time(hrs)	Stage(ft)
0.00	22.500
12.00	22.500
36.00	22.500

Name: BNDY3 Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: BASE Warn Stage(ft): 22.500
Type: Time/Stage

EXISTING TO BNDY3

Time(hrs)	Stage(ft)
0.00	22.500
12.00	22.500
36.00	22.500

Name: BNDY3A Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: BASE Warn Stage(ft): 22.500
Type: Time/Stage

PROPOSED TO BNDY3A

Time(hrs)	Stage(ft)
0.00	22.500
12.00	22.500
36.00	22.500

Name: BNDY4 Base Flow(cfs): 0.000 Init Stage(ft): 22.650
Group: BASE Warn Stage(ft): 22.650
Type: Time/Stage

EXISTING TO BNDY4

Time(hrs)	Stage(ft)
0.00	22.650
12.00	22.650
36.00	22.650

Name: BNDY4A Base Flow(cfs): 0.000 Init Stage(ft): 22.650
Group: BASE Warn Stage(ft): 22.650
Type: Time/Stage

PROPOSED TO BNDY4A

Time(hrs)	Stage(ft)
0.00	22.650
12.00	22.650
36.00	22.650

Name: POND1 Base Flow(cfs): 0.000 Init Stage(ft): 24.500
Group: BASE Warn Stage(ft): 29.500
Type: Stage/Area

PROPOSED POND

Stage(ft)	Area(ac)
24.500	4.8376
25.030	5.1638
29.500	8.0963

Name: POND2 Base Flow(cfs): 0.000 Init Stage(ft): 24.500
Group: BASE Warn Stage(ft): 29.500
Type: Stage/Area

PROPOSED POND

Stage(ft)	Area(ac)
24.500	1.8471
24.920	2.0225

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29.500 4.0719

Name: POND3 Base Flow(cfs): 0.000 Init Stage(ft): 24.500
Group: BASE Warn Stage(ft): 29.500
Type: Stage/Area

PROPOSED POND

Stage(ft)	Area(ac)
24.500	0.7777
25.090	0.9435
29.500	2.3261

Name: POND4 Base Flow(cfs): 0.000 Init Stage(ft): 24.500
Group: BASE Warn Stage(ft): 29.500
Type: Stage/Area

PROPOSED POND

Stage(ft)	Area(ac)
24.500	2.6047
25.410	3.2946
29.500	6.3101

Name: POND5 Base Flow(cfs): 0.000 Init Stage(ft): 24.500
Group: BASE Warn Stage(ft): 29.500
Type: Stage/Area

PROPOSED POND

Stage(ft)	Area(ac)
24.500	2.9926
24.900	3.1417
29.500	5.0998

**** Channels ****

Name: From Node: Length(ft): 0.00
Group: BASE To Node: Count: 1

	UPSTREAM	DOWNSTREAM
Geometry:	Trapezoidal	Trapezoidal
Invert(ft):	0.000	0.000
TClpInitZ(ft):	9999.000	9999.000
Manning's N:	0.000000	0.000000
Top Clip(ft):	0.000	0.000
Bot Clip(ft):	0.000	0.000
Main XSec:		
AuxElev1(ft):		
Aux XSec1:		
AuxElev2(ft):		
Aux XSec2:		
Top Width(ft):		
Depth(ft):		
Bot Width(ft):	0.000	0.000
LtSdSlp(h/v):	0.00	0.00
RtSdSlp(h/v):	0.00	0.00

Friction Equation: Average Conveyance
Solution Algorithm: Automatic
Flow: Both
Contraction Coef: 0.000
Expansion Coef: 0.000
Entrance Loss Coef: 0.000
Exit Loss Coef: 0.000
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dn
Stabilizer Option: None

**** Weirs ****

Name: W1 From Node: POND1
Group: BASE To Node: BNDY1A
Flow: Both Count: 1
Type: Vertical: Mavis Geometry: Rectangular

Span(in): 12.00
Rise(in): 53.64
Invert(ft): 25.030
Control Elevation ft: 25.030
TABLE
Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

DROP TO WETLAND

Name: W2 From Node: POND2
Group: BASE To Node: BNDY2A
Flow: Both Count: 1
Type: Vertical: Mavis Geometry: Rectangular

Span(in): 119.52
Rise(in): 54.96

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```
                Invert(ft): 24.920
      Control Elevation(ft): 24.920
                                        TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
           Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600

DROP TO WETLAND

-------------------------------------------------------------------------------------------------

           Name: W3                  From Node: POND3
          Group: BASE                  To Node: BNDY3A
           Flow: Both                    Count: 1
           Type: Vertical: Mavis      Geometry: Rectangular

                   Span(in): 54.00
                   Rise(in): 52.92
                Invert(ft): 25.090
      Control Elevation(ft): 25.090
                                        TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
           Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600

DROP TO WETLAND

-------------------------------------------------------------------------------------------------

           Name: W4                  From Node: POND4
          Group: BASE                  To Node: BNDY3A
           Flow: Both                    Count: 2
           Type: Vertical: Mavis      Geometry: Rectangular

                   Span(in): 54.00
                   Rise(in): 49.08
                Invert(ft): 25.410
      Control Elevation(ft): 25.410
                                        TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
           Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600

DROP TO WETLAND

-------------------------------------------------------------------------------------------------

           Name: W5                  From Node: POND5
          Group: BASE                  To Node: BNDY4A
           Flow: Both                    Count: 1
           Type: Vertical: Mavis      Geometry: Rectangular

                   Span(in): 20.00
                   Rise(in): 55.20
                Invert(ft): 24.900
      Control Elevation(ft): 24.900
                                        TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
           Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600

DROP TO WETLAND

*************************************************************************************
**** Bridges ************************************************************************
*************************************************************************************

           Name:                     From Node:                    Flow: Both
          Group: BASE                  To Node:                 Run WSPRO: No

      XSEC TYPE          NAME         INV(ft)       STAT(ft)      SKEW(deg)       EXPAN      CONTRAC
           Exit                         0.000           0.00          0.000       0.500        0.000
     Full Valley                        0.000           0.00          0.000       0.500        0.000
       Approach                         0.000           0.00          0.000       0.500        0.000
        Roadway                         0.000           0.00          0.000

            Road Surface Material: Paved
     Road Embankment Top Width(ft): 0.00
      Road Unsubmerged Weir Q Coef: 0.000


RATING CURVE CONTROL
         TW(ft)       QMin(cfs)       QMax(cfs)       Qinc(cfs)
         ------       ---------       ---------       ---------
          0.000           0.000           0.000           0.000

*************************************************************************************
**** Hydrology Simulations **********************************************************
*************************************************************************************

           Name: 100YEAR
       Filename: N:\Projects\9528898.01\...\ZEMEL LANDFILL\Design Calculations\ICPR\100YEAR.R32

      Override Defaults: Yes

INPUT CALCULATIONS
```

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```
    Storm Duration(hrs): 24.00
         Rainfall File: Flmod
    Rainfall Amount(in): 10.56

Time(hrs)        Print Inc(min)
---------- ---------- ----------
36.000           5.00

------------------------------------------------------------------------------------------

         Name: 25YEAR
     Filename: N:\Projects\9528898.01 - ZEMEL LANDFILL\Design Calculations\ICPR\25YEAR.R32

      Override Defaults: Yes
    Storm Duration(hrs): 24.00
         Rainfall File: FLMOD
    Rainfall Amount(in): 8.00

Time(hrs)        Print Inc(min)
---------- ---------- ----------
36.000           5.00

******************************************************************************************
**** Routing Simulations ****************************************************************
******************************************************************************************

         Name: 100YEAR              Hydrology Sim: 100YEAR
     Filename: N:\Projects\9528898.01 - ZEMEL LANDFILL\Design Calculations\ICPR\100YEAR.I32

      Execute: Yes          Restart: No           Patch: No
  Alternative: No

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.05000
    Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                    End Time(hrs): 36.00
    Min Calc Time(sec): 0.2500                Max Calc Time(sec): 60.0000
       Boundary Stages:                          Boundary Flows:


Time(hrs)        Print Inc(min)
---------- ---------- ----------
11.000           30.000
16.000           5.000
36.000           15.000

Group            Run
---------- ---------- -----
BASE             Yes

------------------------------------------------------------------------------------------

         Name: 25YEAR               Hydrology Sim: 25YEAR
     Filename: N:\Projects\9528898.01 - ZEMEL LANDFILL\Design Calculations\ICPR\25YEAR.I32

      Execute: Yes          Restart: No           Patch: No
  Alternative: No

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.05000
    Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                    End Time(hrs): 36.00
    Min Calc Time(sec): 0.2500                Max Calc Time(sec): 60.0000
       Boundary Stages:                          Boundary Flows:

POST-DEVELOPMENT 25yr-24 HOUR SIMULATION


Time(hrs)        Print Inc(min)
---------- ---------- ----------
11.000           30.000
16.000           5.000
36.000           15.000

Group            Run
---------- ---------- -----
BASE             Yes

******************************************************************************************
**** Boundary Conditions ****************************************************************
******************************************************************************************
```

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Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
25YEAR	POND1	BASE	0.00	24.500	29.500	210726	0.000	0.000	0.0	0.0
25YEAR	POND1	BASE	0.51	24.500	29.500	210726	0.000	0.000	0.0	0.0
25YEAR	POND1	BASE	1.01	24.500	29.500	210726	0.000	0.000	0.0	0.0
25YEAR	POND1	BASE	1.51	24.500	29.500	210726	0.000	0.000	0.0	0.0
25YEAR	POND1	BASE	2.01	24.500	29.500	210726	0.000	0.000	0.0	0.0
25YEAR	POND1	BASE	2.51	24.500	29.500	210726	0.000	0.000	0.0	0.0
25YEAR	POND1	BASE	3.01	24.500	29.500	210726	0.000	0.000	0.0	0.0
25YEAR	POND1	BASE	3.51	24.500	29.500	210726	0.000	0.000	0.0	0.0
25YEAR	POND1	BASE	4.01	24.500	29.500	210726	0.000	0.000	0.0	0.0
25YEAR	POND1	BASE	4.51	24.500	29.500	210726	0.000	0.000	0.0	0.0
25YEAR	POND1	BASE	5.01	24.500	29.500	210729	0.056	0.000	0.0	0.0
25YEAR	POND1	BASE	5.51	24.501	29.500	210766	0.289	0.000	0.0	0.0
25YEAR	POND1	BASE	6.01	24.505	29.500	210869	0.624	0.000	0.0	0.0
25YEAR	POND1	BASE	6.51	24.513	29.500	211061	1.084	0.000	0.1	0.0
25YEAR	POND1	BASE	7.01	24.524	29.500	211369	1.606	0.000	0.1	0.0
25YEAR	POND1	BASE	7.51	24.540	29.500	211805	2.249	0.000	0.2	0.0
25YEAR	POND1	BASE	8.01	24.562	29.500	212394	2.917	0.000	0.3	0.0
25YEAR	POND1	BASE	8.51	24.590	29.500	213145	3.760	0.000	0.4	0.0
25YEAR	POND1	BASE	9.01	24.626	29.500	214114	4.869	0.000	0.6	0.0
25YEAR	POND1	BASE	9.51	24.672	29.500	215342	6.069	0.000	0.8	0.0
25YEAR	POND1	BASE	10.01	24.729	29.500	216858	7.610	0.000	1.1	0.0
25YEAR	POND1	BASE	10.51	24.801	29.500	218784	9.957	0.000	1.5	0.0
25YEAR	POND1	BASE	11.01	24.896	29.500	221329	13.487	0.000	2.0	0.0
25YEAR	POND1	BASE	11.51	25.023	29.500	224745	19.676	0.000	2.7	0.0
25YEAR	POND1	BASE	11.60	25.051	29.500	225547	23.383	0.010	2.8	0.0
25YEAR	POND1	BASE	11.68	25.086	29.500	226535	29.082	0.042	3.0	0.0
25YEAR	POND1	BASE	11.76	25.130	29.500	227782	37.671	0.101	3.2	0.0
25YEAR	POND1	BASE	11.85	25.187	29.500	229416	50.134	0.199	3.5	0.0
25YEAR	POND1	BASE	11.93	25.262	29.500	231551	65.495	0.356	3.9	0.0
25YEAR	POND1	BASE	12.01	25.357	29.500	234270	83.126	0.597	4.4	0.0
25YEAR	POND1	BASE	12.10	25.473	29.500	237594	100.915	0.943	5.1	0.0
25YEAR	POND1	BASE	12.18	25.608	29.500	241453	116.167	1.406	5.8	0.0
25YEAR	POND1	BASE	12.26	25.756	29.500	245680	126.101	1.979	6.6	0.0
25YEAR	POND1	BASE	12.35	25.908	29.500	250030	129.164	2.633	7.5	0.0
25YEAR	POND1	BASE	12.43	26.058	29.500	254316	128.298	3.336	8.4	0.1
25YEAR	POND1	BASE	12.51	26.202	29.500	258433	124.668	4.061	9.3	0.1
25YEAR	POND1	BASE	12.60	26.337	29.500	262298	118.612	4.784	10.1	0.1
25YEAR	POND1	BASE	12.68	26.463	29.500	265876	111.855	5.487	10.9	0.2
25YEAR	POND1	BASE	12.76	26.578	29.500	269167	105.034	6.162	11.7	0.2
25YEAR	POND1	BASE	12.85	26.683	29.500	272186	98.459	6.804	12.4	0.2
25YEAR	POND1	BASE	12.93	26.780	29.500	274955	92.346	7.410	13.0	0.3
25YEAR	POND1	BASE	13.01	26.869	29.500	277493	86.535	7.981	13.6	0.3
25YEAR	POND1	BASE	13.10	26.951	29.500	279820	81.185	8.517	14.2	0.4
25YEAR	POND1	BASE	13.18	27.025	29.500	281956	76.290	9.019	14.8	0.5
25YEAR	POND1	BASE	13.26	27.094	29.500	283919	71.784	9.489	15.3	0.5
25YEAR	POND1	BASE	13.35	27.157	29.500	285726	67.655	9.928	15.7	0.6
25YEAR	POND1	BASE	13.43	27.216	29.500	287392	63.958	10.339	16.2	0.7
25YEAR	POND1	BASE	13.51	27.269	29.500	288933	60.754	10.724	16.6	0.7
25YEAR	POND1	BASE	13.60	27.320	29.500	290368	58.011	11.087	17.0	0.8
25YEAR	POND1	BASE	13.68	27.367	29.500	291710	55.590	11.430	17.4	0.9
25YEAR	POND1	BASE	13.76	27.411	29.500	292968	53.321	11.754	17.8	1.0
25YEAR	POND1	BASE	13.85	27.452	29.500	294146	51.149	12.061	18.2	1.1
25YEAR	POND1	BASE	13.93	27.491	29.500	295249	49.079	12.351	18.5	1.1
25YEAR	POND1	BASE	14.01	27.527	29.500	296282	47.093	12.624	18.8	1.2
25YEAR	POND1	BASE	14.10	27.560	29.500	297246	45.168	12.880	19.2	1.3
25YEAR	POND1	BASE	14.18	27.592	29.500	298146	43.280	13.122	19.5	1.4
25YEAR	POND1	BASE	14.26	27.621	29.500	298982	41.401	13.347	19.8	1.5
25YEAR	POND1	BASE	14.35	27.648	29.500	299756	39.527	13.557	20.0	1.6
25YEAR	POND1	BASE	14.43	27.673	29.500	300469	37.678	13.751	20.3	1.7
25YEAR	POND1	BASE	14.51	27.696	29.500	301123	35.863	13.930	20.6	1.8
25YEAR	POND1	BASE	14.60	27.717	29.500	301719	34.088	14.094	20.8	1.9
25YEAR	POND1	BASE	14.68	27.736	29.500	302260	32.360	14.243	21.0	2.0
25YEAR	POND1	BASE	14.76	27.753	29.500	302748	30.669	14.378	21.2	2.1
25YEAR	POND1	BASE	14.85	27.768	29.500	303184	29.037	14.499	21.4	2.2
25YEAR	POND1	BASE	14.93	27.782	29.500	303572	27.515	14.607	21.6	2.3
25YEAR	POND1	BASE	15.01	27.794	29.500	303915	26.122	14.703	21.8	2.4
25YEAR	POND1	BASE	15.10	27.804	29.500	304218	24.839	14.787	22.0	2.5
25YEAR	POND1	BASE	15.18	27.814	29.500	304483	23.628	14.861	22.2	2.6
25YEAR	POND1	BASE	15.26	27.822	29.500	304712	22.469	14.926	22.3	2.7
25YEAR	POND1	BASE	15.35	27.828	29.500	304908	21.351	14.981	22.5	2.8
25YEAR	POND1	BASE	15.43	27.834	29.500	305071	20.304	15.027	22.6	2.9
25YEAR	POND1	BASE	15.51	27.839	29.500	305205	19.328	15.064	22.8	3.0
25YEAR	POND1	BASE	15.60	27.843	29.500	305312	18.408	15.094	22.9	3.1
25YEAR	POND1	BASE	15.68	27.845	29.500	305393	17.586	15.117	23.0	3.2
25YEAR	POND1	BASE	15.76	27.848	29.500	305451	16.878	15.134	23.1	3.3
25YEAR	POND1	BASE	15.85	27.849	29.500	305492	16.301	15.145	23.2	3.4
25YEAR	POND1	BASE	15.93	27.850	29.500	305517	15.782	15.152	23.4	3.5
25YEAR	POND1	BASE	16.01	27.850	29.500	305528	15.331	15.155	23.5	3.6
25YEAR	POND1	BASE	16.26	27.849	29.500	305497	14.286	15.147	23.8	3.9
25YEAR	POND1	BASE	16.51	27.845	29.500	305389	13.449	15.116	24.1	4.2
25YEAR	POND1	BASE	16.76	27.839	29.500	305221	12.750	15.069	24.3	4.5
25YEAR	POND1	BASE	17.01	27.832	29.500	305000	12.106	15.007	24.6	4.9
25YEAR	POND1	BASE	17.26	27.822	29.500	304737	11.623	14.933	24.8	5.2
25YEAR	POND1	BASE	17.51	27.812	29.500	304445	11.273	14.851	25.1	5.5
25YEAR	POND1	BASE	17.76	27.801	29.500	304130	10.845	14.763	25.3	5.8
25YEAR	POND1	BASE	18.01	27.789	29.500	303777	10.254	14.664	25.5	6.1
25YEAR	POND1	BASE	18.26	27.775	29.500	303389	9.866	14.556	25.7	6.4
25YEAR	POND1	BASE	18.51	27.761	29.500	302989	9.729	14.445	25.9	6.7
25YEAR	POND1	BASE	18.76	27.747	29.500	302585	9.478	14.333	26.1	7.0
25YEAR	POND1	BASE	19.01	27.732	29.500	302157	9.012	14.215	26.3	7.3
25YEAR	POND1	BASE	19.26	27.716	29.500	301704	8.715	14.090	26.5	7.6
25YEAR	POND1	BASE	19.51	27.700	29.500	301247	8.649	13.964	26.7	7.9
25YEAR	POND1	BASE	19.76	27.685	29.500	300795	8.532	13.840	26.8	8.1
25YEAR	POND1	BASE	20.01	27.668	29.500	300336	8.293	13.715	27.0	8.4
25YEAR	POND1	BASE	20.26	27.652	29.500	299865	8.017	13.586	27.2	8.7

TIME NODE SERIES

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Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
25YEAR	POND1	BASE	20.51	27.635	29.500	299377	7.674	13.454	27.4	9.0
25YEAR	POND1	BASE	20.76	27.617	29.500	298874	7.399	13.318	27.5	9.3
25YEAR	POND1	BASE	21.01	27.599	29.500	298361	7.206	13.179	27.7	9.5
25YEAR	POND1	BASE	21.26	27.581	29.500	297845	7.069	13.041	27.8	9.8
25YEAR	POND1	BASE	21.51	27.563	29.500	297330	6.971	12.903	28.0	10.1
25YEAR	POND1	BASE	21.76	27.545	29.500	296819	6.896	12.766	28.1	10.3
25YEAR	POND1	BASE	22.01	27.528	29.500	296313	6.832	12.632	28.2	10.6
25YEAR	POND1	BASE	22.26	27.510	29.500	295812	6.784	12.499	28.4	10.9
25YEAR	POND1	BASE	22.51	27.493	29.500	295319	6.746	12.369	28.5	11.1
25YEAR	POND1	BASE	22.76	27.476	29.500	294830	6.632	12.240	28.7	11.4
25YEAR	POND1	BASE	23.01	27.459	29.500	294337	6.409	12.111	28.8	11.6
25YEAR	POND1	BASE	23.26	27.441	29.500	293835	6.225	11.980	28.9	11.9
25YEAR	POND1	BASE	23.51	27.423	29.500	293330	6.094	11.848	29.0	12.1
25YEAR	POND1	BASE	23.76	27.406	29.500	292824	5.914	11.717	29.2	12.4
25YEAR	POND1	BASE	24.01	27.388	29.500	292307	5.623	11.584	29.3	12.6
25YEAR	POND1	BASE	24.26	27.369	29.500	291763	4.927	11.443	29.4	12.8
25YEAR	POND1	BASE	24.51	27.347	29.500	291140	3.696	11.284	29.5	13.1
25YEAR	POND1	BASE	24.76	27.322	29.500	290430	2.716	11.103	29.6	13.3
25YEAR	POND1	BASE	25.01	27.295	29.500	289663	2.037	10.908	29.6	13.5
25YEAR	POND1	BASE	25.26	27.267	29.500	288860	1.533	10.706	29.6	13.8
25YEAR	POND1	BASE	25.51	27.238	29.500	288033	1.153	10.499	29.7	14.0
25YEAR	POND1	BASE	25.76	27.209	29.500	287193	0.868	10.290	29.7	14.2
25YEAR	POND1	BASE	26.01	27.179	29.500	286346	0.632	10.081	29.7	14.4
25YEAR	POND1	BASE	26.26	27.149	29.500	285497	0.438	9.872	29.7	14.6
25YEAR	POND1	BASE	26.51	27.120	29.500	284647	0.287	9.665	29.7	14.8
25YEAR	POND1	BASE	26.76	27.090	29.500	283802	0.173	9.461	29.7	15.0
25YEAR	POND1	BASE	27.01	27.061	29.500	282964	0.095	9.260	29.7	15.2
25YEAR	POND1	BASE	27.26	27.032	29.500	282137	0.045	9.062	29.7	15.4
25YEAR	POND1	BASE	27.51	27.003	29.500	281320	0.014	8.869	29.7	15.6
25YEAR	POND1	BASE	27.76	26.975	29.500	280517	0.000	8.680	29.7	15.8
25YEAR	POND1	BASE	28.01	26.947	29.500	279729	0.000	8.496	29.7	15.9
25YEAR	POND1	BASE	28.26	26.920	29.500	278954	0.000	8.317	29.7	16.1
25YEAR	POND1	BASE	28.51	26.894	29.500	278194	0.000	8.142	29.7	16.3
25YEAR	POND1	BASE	28.76	26.868	29.500	277448	0.000	7.971	29.7	16.4
25YEAR	POND1	BASE	29.01	26.842	29.500	276716	0.000	7.805	29.7	16.6
25YEAR	POND1	BASE	29.26	26.817	29.500	275997	0.000	7.643	29.7	16.8
25YEAR	POND1	BASE	29.51	26.792	29.500	275291	0.000	7.485	29.7	16.9
25YEAR	POND1	BASE	29.76	26.768	29.500	274598	0.000	7.331	29.7	17.1
25YEAR	POND1	BASE	30.01	26.744	29.500	273917	0.000	7.181	29.7	17.2
25YEAR	POND1	BASE	30.26	26.721	29.500	273249	0.000	7.034	29.7	17.4
25YEAR	POND1	BASE	30.51	26.698	29.500	272593	0.000	6.892	29.7	17.5
25YEAR	POND1	BASE	30.76	26.675	29.500	271948	0.000	6.752	29.7	17.7
25YEAR	POND1	BASE	31.01	26.653	29.500	271315	0.000	6.616	29.7	17.8
25YEAR	POND1	BASE	31.26	26.631	29.500	270693	0.000	6.484	29.7	17.9
25YEAR	POND1	BASE	31.51	26.610	29.500	270082	0.000	6.354	29.7	18.1
25YEAR	POND1	BASE	31.76	26.589	29.500	269482	0.000	6.228	29.7	18.2
25YEAR	POND1	BASE	32.01	26.568	29.500	268893	0.000	6.105	29.7	18.3
25YEAR	POND1	BASE	32.26	26.548	29.500	268314	0.000	5.985	29.7	18.5
25YEAR	POND1	BASE	32.51	26.528	29.500	267745	0.000	5.867	29.7	18.6
25YEAR	POND1	BASE	32.76	26.509	29.500	267187	0.000	5.753	29.7	18.7
25YEAR	POND1	BASE	33.01	26.489	29.500	266637	0.000	5.641	29.7	18.8
25YEAR	POND1	BASE	33.26	26.470	29.500	266098	0.000	5.532	29.7	18.9
25YEAR	POND1	BASE	33.51	26.452	29.500	265568	0.000	5.425	29.7	19.0
25YEAR	POND1	BASE	33.76	26.434	29.500	265047	0.000	5.321	29.7	19.2
25YEAR	POND1	BASE	34.01	26.416	29.500	264535	0.000	5.220	29.7	19.3
25YEAR	POND1	BASE	34.26	26.398	29.500	264031	0.000	5.121	29.7	19.4
25YEAR	POND1	BASE	34.51	26.381	29.500	263537	0.000	5.024	29.7	19.5
25YEAR	POND1	BASE	34.76	26.364	29.500	263050	0.000	4.929	29.7	19.6
25YEAR	POND1	BASE	35.01	26.347	29.500	262572	0.000	4.837	29.7	19.7
25YEAR	POND1	BASE	35.26	26.331	29.500	262103	0.000	4.746	29.7	19.8
25YEAR	POND1	BASE	35.51	26.314	29.500	261641	0.000	4.658	29.7	19.9
25YEAR	POND1	BASE	35.76	26.299	29.500	261186	0.000	4.572	29.7	20.0
25YEAR	POND1	BASE	36.01	26.284	29.500	260769	0.000	4.493	29.7	20.1
25YEAR	POND2	BASE	0.00	24.500	29.500	80460	0.000	0.000	0.0	0.0
25YEAR	POND2	BASE	0.51	24.500	29.500	80460	0.000	0.000	0.0	0.0
25YEAR	POND2	BASE	1.01	24.500	29.500	80460	0.000	0.000	0.0	0.0
25YEAR	POND2	BASE	1.51	24.500	29.500	80460	0.000	0.000	0.0	0.0
25YEAR	POND2	BASE	2.01	24.500	29.500	80460	0.000	0.000	0.0	0.0
25YEAR	POND2	BASE	2.51	24.500	29.500	80460	0.000	0.000	0.0	0.0
25YEAR	POND2	BASE	3.01	24.500	29.500	80460	0.000	0.000	0.0	0.0
25YEAR	POND2	BASE	3.51	24.500	29.500	80460	0.000	0.000	0.0	0.0
25YEAR	POND2	BASE	4.01	24.500	29.500	80460	0.000	0.000	0.0	0.0
25YEAR	POND2	BASE	4.51	24.500	29.500	80460	0.000	0.000	0.0	0.0
25YEAR	POND2	BASE	5.01	24.500	29.500	80462	0.019	0.000	0.0	0.0
25YEAR	POND2	BASE	5.51	24.501	29.500	80483	0.093	0.000	0.0	0.0
25YEAR	POND2	BASE	6.01	24.505	29.500	80542	0.199	0.000	0.0	0.0
25YEAR	POND2	BASE	6.51	24.510	29.500	80650	0.344	0.000	0.0	0.0
25YEAR	POND2	BASE	7.01	24.520	29.500	80822	0.506	0.000	0.0	0.0
25YEAR	POND2	BASE	7.51	24.533	29.500	81066	0.707	0.000	0.1	0.0
25YEAR	POND2	BASE	8.01	24.551	29.500	81393	0.913	0.000	0.1	0.0
25YEAR	POND2	BASE	8.51	24.574	29.500	81809	1.176	0.000	0.1	0.0
25YEAR	POND2	BASE	9.01	24.604	29.500	82344	1.522	0.000	0.2	0.0
25YEAR	POND2	BASE	9.51	24.641	29.500	83019	1.892	0.000	0.3	0.0
25YEAR	POND2	BASE	10.01	24.686	29.500	83850	2.374	0.000	0.4	0.0
25YEAR	POND2	BASE	10.51	24.744	29.500	84904	3.112	0.000	0.5	0.0
25YEAR	POND2	BASE	11.01	24.821	29.500	86293	4.222	0.000	0.6	0.0
25YEAR	POND2	BASE	11.51	24.923	29.500	88151	6.176	0.004	0.8	0.0
25YEAR	POND2	BASE	11.60	24.945	29.500	88594	7.390	0.118	0.9	0.0
25YEAR	POND2	BASE	11.68	24.973	29.500	89124	9.256	0.353	0.9	0.0
25YEAR	POND2	BASE	11.76	25.006	29.500	89782	12.082	0.743	1.0	0.0
25YEAR	POND2	BASE	11.85	25.050	29.500	90630	16.199	1.372	1.1	0.0
25YEAR	POND2	BASE	11.93	25.105	29.500	91712	21.190	2.340	1.2	0.0
25YEAR	POND2	BASE	12.01	25.174	29.500	93050	26.946	3.754	1.4	0.0
25YEAR	POND2	BASE	12.10	25.255	29.500	94627	32.646	5.683	1.6	0.1

TIME NODE SERIES

RECEIVED
JAN 30 2004
D.E.P. - South District

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
25YEAR	POND2	BASE	12.18	25.344	29.500	96365	37.305	8.099	1.8	0.1
25YEAR	POND2	BASE	12.26	25.435	29.500	98142	40.071	10.847	2.1	0.2
25YEAR	POND2	BASE	12.35	25.521	29.500	99818	40.698	13.673	2.4	0.3
25YEAR	POND2	BASE	12.43	25.598	29.500	101307	40.146	16.359	2.7	0.4
25YEAR	POND2	BASE	12.51	25.662	29.500	102571	38.747	18.764	2.9	0.5
25YEAR	POND2	BASE	12.60	25.715	29.500	103594	36.690	20.789	3.2	0.6
25YEAR	POND2	BASE	12.68	25.755	29.500	104383	34.472	22.397	3.4	0.8
25YEAR	POND2	BASE	12.76	25.785	29.500	104964	32.281	23.607	3.7	0.9
25YEAR	POND2	BASE	12.85	25.806	29.500	105365	30.194	24.454	3.9	1.1
25YEAR	POND2	BASE	12.93	25.819	29.500	105614	28.228	24.984	4.1	1.3
25YEAR	POND2	BASE	13.01	25.825	29.500	105734	26.379	25.242	4.3	1.5
25YEAR	POND2	BASE	13.10	25.825	29.500	105748	24.698	25.272	4.5	1.6
25YEAR	POND2	BASE	13.18	25.822	29.500	105677	23.163	25.119	4.6	1.8
25YEAR	POND2	BASE	13.26	25.815	29.500	105536	21.757	24.817	4.8	2.0
25YEAR	POND2	BASE	13.35	25.804	29.500	105340	20.486	24.401	4.9	2.1
25YEAR	POND2	BASE	13.43	25.792	29.500	105104	19.380	23.900	5.1	2.3
25YEAR	POND2	BASE	13.51	25.779	29.500	104839	18.444	23.344	5.2	2.5
25YEAR	POND2	BASE	13.60	25.764	29.500	104557	17.635	22.757	5.3	2.6
25YEAR	POND2	BASE	13.68	25.749	29.500	104265	16.891	22.153	5.4	2.8
25YEAR	POND2	BASE	13.76	25.734	29.500	103965	16.178	21.539	5.5	2.9
25YEAR	POND2	BASE	13.85	25.718	29.500	103659	15.487	20.919	5.7	3.1
25YEAR	POND2	BASE	13.93	25.702	29.500	103349	14.817	20.297	5.8	3.2
25YEAR	POND2	BASE	14.01	25.686	29.500	103036	14.170	19.675	5.9	3.4
25YEAR	POND2	BASE	14.10	25.670	29.500	102721	13.541	19.056	6.0	3.5
25YEAR	POND2	BASE	14.18	25.654	29.500	102404	12.919	18.441	6.0	3.6
25YEAR	POND2	BASE	14.26	25.638	29.500	102087	12.300	17.830	6.1	3.7
25YEAR	POND2	BASE	14.35	25.621	29.500	101767	11.682	17.223	6.2	3.9
25YEAR	POND2	BASE	14.43	25.605	29.500	101447	11.078	16.620	6.3	4.0
25YEAR	POND2	BASE	14.51	25.588	29.500	101125	10.498	16.024	6.4	4.1
25YEAR	POND2	BASE	14.60	25.572	29.500	100805	9.940	15.436	6.4	4.2
25YEAR	POND2	BASE	14.68	25.555	29.500	100485	9.403	14.857	6.5	4.3
25YEAR	POND2	BASE	14.76	25.539	29.500	100167	8.892	14.288	6.6	4.4
25YEAR	POND2	BASE	14.85	25.523	29.500	99852	8.409	13.732	6.6	4.5
25YEAR	POND2	BASE	14.93	25.507	29.500	99541	7.965	13.191	6.7	4.6
25YEAR	POND2	BASE	15.01	25.491	29.500	99235	7.548	12.666	6.7	4.7
25YEAR	POND2	BASE	15.10	25.476	29.500	98935	7.154	12.157	6.8	4.8
25YEAR	POND2	BASE	15.18	25.461	29.500	98641	6.777	11.665	6.8	4.9
25YEAR	POND2	BASE	15.26	25.446	29.500	98353	6.425	11.191	6.9	4.9
25YEAR	POND2	BASE	15.35	25.432	29.500	98072	6.096	10.733	6.9	5.0
25YEAR	POND2	BASE	15.43	25.418	29.500	97798	5.791	10.294	7.0	5.1
25YEAR	POND2	BASE	15.51	25.404	29.500	97531	5.531	9.873	7.0	5.2
25YEAR	POND2	BASE	15.60	25.391	29.500	97275	5.317	9.473	7.0	5.2
25YEAR	POND2	BASE	15.68	25.378	29.500	97030	5.147	9.096	7.1	5.3
25YEAR	POND2	BASE	15.76	25.366	29.500	96797	4.987	8.742	7.1	5.3
25YEAR	POND2	BASE	15.85	25.355	29.500	96574	4.840	8.409	7.1	5.4
25YEAR	POND2	BASE	15.93	25.344	29.500	96363	4.712	8.096	7.2	5.5
25YEAR	POND2	BASE	16.01	25.334	29.500	96162	4.596	7.802	7.2	5.5
25YEAR	POND2	BASE	16.26	25.306	29.500	95619	4.306	7.027	7.3	5.7
25YEAR	POND2	BASE	16.51	25.282	29.500	95154	4.064	6.386	7.4	5.8
25YEAR	POND2	BASE	16.76	25.261	29.500	94755	3.858	5.852	7.5	5.9
25YEAR	POND2	BASE	17.01	25.244	29.500	94408	3.668	5.401	7.6	6.0
25YEAR	POND2	BASE	17.26	25.228	29.500	94108	3.528	5.019	7.6	6.2
25YEAR	POND2	BASE	17.51	25.215	29.500	93849	3.427	4.699	7.7	6.3
25YEAR	POND2	BASE	17.76	25.203	29.500	93626	3.297	4.427	7.8	6.4
25YEAR	POND2	BASE	18.01	25.193	29.500	93418	3.111	4.181	7.8	6.4
25YEAR	POND2	BASE	18.26	25.183	29.500	93226	2.999	3.956	7.9	6.5
25YEAR	POND2	BASE	18.51	25.174	29.500	93060	2.966	3.766	8.0	6.6
25YEAR	POND2	BASE	18.76	25.167	29.500	92919	2.888	3.606	8.0	6.7
25YEAR	POND2	BASE	19.01	25.160	29.500	92783	2.741	3.454	8.1	6.8
25YEAR	POND2	BASE	19.26	25.154	29.500	92652	2.655	3.310	8.1	6.8
25YEAR	POND2	BASE	19.51	25.148	29.500	92538	2.640	3.186	8.2	6.9
25YEAR	POND2	BASE	19.76	25.143	29.500	92441	2.604	3.083	8.2	7.0
25YEAR	POND2	BASE	20.01	25.138	29.500	92352	2.530	2.989	8.3	7.0
25YEAR	POND2	BASE	20.26	25.134	29.500	92265	2.444	2.898	8.3	7.1
25YEAR	POND2	BASE	20.51	25.129	29.500	92177	2.337	2.806	8.4	7.1
25YEAR	POND2	BASE	20.76	25.125	29.500	92088	2.254	2.715	8.4	7.2
25YEAR	POND2	BASE	21.01	25.120	29.500	92002	2.197	2.628	8.5	7.3
25YEAR	POND2	BASE	21.26	25.116	29.500	91924	2.158	2.549	8.5	7.3
25YEAR	POND2	BASE	21.51	25.113	29.500	91853	2.129	2.478	8.6	7.4
25YEAR	POND2	BASE	21.76	25.109	29.500	91790	2.106	2.416	8.6	7.4
25YEAR	POND2	BASE	22.01	25.106	29.500	91734	2.088	2.361	8.7	7.5
25YEAR	POND2	BASE	22.26	25.104	29.500	91685	2.075	2.314	8.7	7.5
25YEAR	POND2	BASE	22.51	25.102	29.500	91642	2.064	2.272	8.8	7.6
25YEAR	POND2	BASE	22.76	25.100	29.500	91603	2.027	2.235	8.8	7.6
25YEAR	POND2	BASE	23.01	25.098	29.500	91560	1.957	2.194	8.8	7.6
25YEAR	POND2	BASE	23.26	25.095	29.500	91513	1.901	2.149	8.9	7.7
25YEAR	POND2	BASE	23.51	25.093	29.500	91466	1.862	2.105	8.9	7.7
25YEAR	POND2	BASE	23.76	25.090	29.500	91419	1.806	2.061	9.0	7.8
25YEAR	POND2	BASE	24.01	25.088	29.500	91366	1.714	2.011	9.0	7.8
25YEAR	POND2	BASE	24.26	25.084	29.500	91296	1.492	1.948	9.0	7.9
25YEAR	POND2	BASE	24.51	25.078	29.500	91180	1.101	1.842	9.0	7.9
25YEAR	POND2	BASE	24.76	25.070	29.500	91019	0.798	1.700	9.1	7.9
25YEAR	POND2	BASE	25.01	25.060	29.500	90838	0.591	1.545	9.1	8.0
25YEAR	POND2	BASE	25.26	25.051	29.500	90653	0.438	1.390	9.1	8.0
25YEAR	POND2	BASE	25.51	25.042	29.500	90471	0.325	1.244	9.1	8.0
25YEAR	POND2	BASE	25.76	25.033	29.500	90297	0.240	1.110	9.1	8.0
25YEAR	POND2	BASE	26.01	25.024	29.500	90132	0.169	0.987	9.1	8.1
25YEAR	POND2	BASE	26.26	25.016	29.500	89978	0.113	0.877	9.1	8.1
25YEAR	POND2	BASE	26.51	25.009	29.500	89834	0.070	0.778	9.1	8.1
25YEAR	POND2	BASE	26.76	25.002	29.500	89701	0.039	0.690	9.1	8.1
25YEAR	POND2	BASE	27.01	24.996	29.500	89579	0.019	0.613	9.1	8.1
25YEAR	POND2	BASE	27.26	24.990	29.500	89468	0.007	0.545	9.1	8.1
25YEAR	POND2	BASE	27.51	24.985	29.500	89367	0.001	0.486	9.1	8.2
25YEAR	POND2	BASE	27.76	24.980	29.500	89277	0.000	0.435	9.1	8.2
25YEAR	POND2	BASE	28.01	24.976	29.500	89195	0.000	0.391	9.1	8.2

TIME NODE SERIES

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Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
25YEAR	POND2	BASE	28.26	24.972	29.500	89122	0.000	0.352	9.1	8.2
25YEAR	POND2	BASE	28.51	24.969	29.500	89056	0.000	0.319	9.1	8.2
25YEAR	POND2	BASE	28.76	24.966	29.500	88996	0.000	0.289	9.1	8.2
25YEAR	POND2	BASE	29.01	24.963	29.500	88942	0.000	0.263	9.1	8.2
25YEAR	POND2	BASE	29.26	24.961	29.500	88892	0.000	0.240	9.1	8.2
25YEAR	POND2	BASE	29.51	24.958	29.500	88847	0.000	0.220	9.1	8.2
25YEAR	POND2	BASE	29.76	24.956	29.500	88805	0.000	0.202	9.1	8.2
25YEAR	POND2	BASE	30.01	24.954	29.500	88767	0.000	0.186	9.1	8.2
25YEAR	POND2	BASE	30.26	24.952	29.500	88731	0.000	0.171	9.1	8.2
25YEAR	POND2	BASE	30.51	24.951	29.500	88699	0.000	0.158	9.1	8.2
25YEAR	POND2	BASE	30.76	24.949	29.500	88669	0.000	0.146	9.1	8.2
25YEAR	POND2	BASE	31.01	24.948	29.500	88641	0.000	0.136	9.1	8.2
25YEAR	POND2	BASE	31.26	24.946	29.500	88615	0.000	0.126	9.1	8.2
25YEAR	POND2	BASE	31.51	24.945	29.500	88591	0.000	0.117	9.1	8.2
25YEAR	POND2	BASE	31.76	24.944	29.500	88568	0.000	0.109	9.1	8.2
25YEAR	POND2	BASE	32.01	24.943	29.500	88548	0.000	0.102	9.1	8.2
25YEAR	POND2	BASE	32.26	24.942	29.500	88528	0.000	0.095	9.1	8.2
25YEAR	POND2	BASE	32.51	24.941	29.500	88510	0.000	0.089	9.1	8.2
25YEAR	POND2	BASE	32.76	24.940	29.500	88492	0.000	0.084	9.1	8.3
25YEAR	POND2	BASE	33.01	24.939	29.500	88476	0.000	0.079	9.1	8.3
25YEAR	POND2	BASE	33.26	24.939	29.500	88461	0.000	0.074	9.1	8.3
25YEAR	POND2	BASE	33.51	24.938	29.500	88447	0.000	0.070	9.1	8.3
25YEAR	POND2	BASE	33.76	24.937	29.500	88434	0.000	0.066	9.1	8.3
25YEAR	POND2	BASE	34.01	24.936	29.500	88421	0.000	0.062	9.1	8.3
25YEAR	POND2	BASE	34.26	24.936	29.500	88409	0.000	0.059	9.1	8.3
25YEAR	POND2	BASE	34.51	24.935	29.500	88398	0.000	0.055	9.1	8.3
25YEAR	POND2	BASE	34.76	24.935	29.500	88387	0.000	0.052	9.1	8.3
25YEAR	POND2	BASE	35.01	24.934	29.500	88377	0.000	0.050	9.1	8.3
25YEAR	POND2	BASE	35.26	24.934	29.500	88367	0.000	0.047	9.1	8.3
25YEAR	POND2	BASE	35.51	24.933	29.500	88358	0.000	0.045	9.1	8.3
25YEAR	POND2	BASE	35.76	24.933	29.500	88349	0.000	0.042	9.1	8.3
25YEAR	POND2	BASE	36.01	24.932	29.500	88342	0.000	0.040	9.1	8.3
25YEAR	POND3	BASE	0.00	24.500	29.500	33877	0.000	0.000	0.0	0.0
25YEAR	POND3	BASE	0.51	24.500	29.500	33877	0.000	0.000	0.0	0.0
25YEAR	POND3	BASE	1.01	24.500	29.500	33877	0.000	0.000	0.0	0.0
25YEAR	POND3	BASE	1.51	24.500	29.500	33877	0.000	0.000	0.0	0.0
25YEAR	POND3	BASE	2.01	24.500	29.500	33877	0.000	0.000	0.0	0.0
25YEAR	POND3	BASE	2.51	24.500	29.500	33877	0.000	0.000	0.0	0.0
25YEAR	POND3	BASE	3.01	24.500	29.500	33877	0.000	0.000	0.0	0.0
25YEAR	POND3	BASE	3.51	24.500	29.500	33877	0.000	0.000	0.0	0.0
25YEAR	POND3	BASE	4.01	24.500	29.500	33877	0.000	0.000	0.0	0.0
25YEAR	POND3	BASE	4.51	24.500	29.500	33877	0.000	0.000	0.0	0.0
25YEAR	POND3	BASE	5.01	24.500	29.500	33879	0.012	0.000	0.0	0.0
25YEAR	POND3	BASE	5.51	24.502	29.500	33900	0.059	0.000	0.0	0.0
25YEAR	POND3	BASE	6.01	24.507	29.500	33959	0.125	0.000	0.0	0.0
25YEAR	POND3	BASE	6.51	24.516	29.500	34068	0.217	0.000	0.0	0.0
25YEAR	POND3	BASE	7.01	24.530	29.500	34241	0.319	0.000	0.0	0.0
25YEAR	POND3	BASE	7.51	24.550	29.500	34485	0.446	0.000	0.0	0.0
25YEAR	POND3	BASE	8.01	24.576	29.500	34810	0.576	0.000	0.1	0.0
25YEAR	POND3	BASE	8.51	24.610	29.500	35222	0.742	0.000	0.1	0.0
25YEAR	POND3	BASE	9.01	24.653	29.500	35748	0.960	0.000	0.1	0.0
25YEAR	POND3	BASE	9.51	24.707	29.500	36405	1.194	0.000	0.2	0.0
25YEAR	POND3	BASE	10.01	24.772	29.500	37205	1.498	0.000	0.2	0.0
25YEAR	POND3	BASE	10.51	24.854	29.500	38207	1.964	0.000	0.3	0.0
25YEAR	POND3	BASE	11.01	24.960	29.500	39506	2.664	0.000	0.4	0.0
25YEAR	POND3	BASE	11.51	25.099	29.500	41221	3.898	0.012	0.5	0.0
25YEAR	POND3	BASE	11.60	25.129	29.500	41637	4.664	0.113	0.6	0.0
25YEAR	POND3	BASE	11.68	25.165	29.500	42129	5.841	0.298	0.6	0.0
25YEAR	POND3	BASE	11.76	25.210	29.500	42733	7.625	0.596	0.6	0.0
25YEAR	POND3	BASE	11.85	25.266	29.500	43503	10.223	1.064	0.7	0.0
25YEAR	POND3	BASE	11.93	25.337	29.500	44473	13.373	1.768	0.8	0.0
25YEAR	POND3	BASE	12.01	25.424	29.500	45656	17.006	2.775	0.9	0.0
25YEAR	POND3	BASE	12.10	25.524	29.500	47027	20.602	4.118	1.0	0.1
25YEAR	POND3	BASE	12.18	25.633	29.500	48514	23.543	5.762	1.2	0.1
25YEAR	POND3	BASE	12.26	25.742	29.500	50009	25.288	7.588	1.3	0.1
25YEAR	POND3	BASE	12.35	25.844	29.500	51394	25.684	9.425	1.5	0.2
25YEAR	POND3	BASE	12.43	25.932	29.500	52604	25.336	11.134	1.7	0.3
25YEAR	POND3	BASE	12.51	26.006	29.500	53615	24.453	12.634	1.9	0.4
25YEAR	POND3	BASE	12.60	26.065	29.500	54420	23.155	13.872	2.0	0.4
25YEAR	POND3	BASE	12.68	26.110	29.500	55028	21.755	14.834	2.2	0.5
25YEAR	POND3	BASE	12.76	26.142	29.500	55465	20.372	15.537	2.3	0.6
25YEAR	POND3	BASE	12.85	26.163	29.500	55756	19.055	16.010	2.5	0.8
25YEAR	POND3	BASE	12.93	26.175	29.500	55923	17.814	16.285	2.6	0.9
25YEAR	POND3	BASE	13.01	26.180	29.500	55987	16.648	16.391	2.7	1.0
25YEAR	POND3	BASE	13.10	26.179	29.500	55967	15.587	16.358	2.8	1.1
25YEAR	POND3	BASE	13.18	26.172	29.500	55879	14.618	16.213	2.9	1.2
25YEAR	POND3	BASE	13.26	26.162	29.500	55736	13.731	15.978	3.0	1.3
25YEAR	POND3	BASE	13.35	26.148	29.500	55550	12.929	15.675	3.1	1.4
25YEAR	POND3	BASE	13.43	26.132	29.500	55333	12.231	15.322	3.2	1.5
25YEAR	POND3	BASE	13.51	26.115	29.500	55094	11.640	14.938	3.3	1.6
25YEAR	POND3	BASE	13.60	26.096	29.500	54842	11.129	14.537	3.4	1.7
25YEAR	POND3	BASE	13.68	26.077	29.500	54583	10.660	14.128	3.4	1.8
25YEAR	POND3	BASE	13.76	26.058	29.500	54319	10.210	13.715	3.5	1.9
25YEAR	POND3	BASE	13.85	26.038	29.500	54052	9.774	13.301	3.6	2.0
25YEAR	POND3	BASE	13.93	26.019	29.500	53782	9.351	12.887	3.6	2.1
25YEAR	POND3	BASE	14.01	25.999	29.500	53510	8.943	12.476	3.7	2.2
25YEAR	POND3	BASE	14.10	25.979	29.500	53238	8.545	12.067	3.8	2.3
25YEAR	POND3	BASE	14.18	25.959	29.500	52965	8.153	11.663	3.8	2.4
25YEAR	POND3	BASE	14.26	25.939	29.500	52692	7.762	11.262	3.9	2.4
25YEAR	POND3	BASE	14.35	25.919	29.500	52418	7.373	10.865	3.9	2.5
25YEAR	POND3	BASE	14.43	25.899	29.500	52143	6.991	10.472	4.0	2.6
25YEAR	POND3	BASE	14.51	25.879	29.500	51868	6.625	10.084	4.0	2.7
25YEAR	POND3	BASE	14.60	25.858	29.500	51594	6.273	9.701	4.1	2.7
25YEAR	POND3	BASE	14.68	25.839	29.500	51321	5.934	9.325	4.1	2.8

TIME NODE SERIES

RECEIVED
JAN 3 0 2004
D.E.P. - South District

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
25YEAR	POND3	BASE	14.76	25.819	29.500	51050	5.612	8.957	4.1	2.9
25YEAR	POND3	BASE	14.85	25.799	29.500	50782	5.307	8.597	4.2	2.9
25YEAR	POND3	BASE	14.93	25.780	29.500	50517	5.027	8.247	4.2	3.0
25YEAR	POND3	BASE	15.01	25.761	29.500	50257	4.764	7.908	4.3	3.0
25YEAR	POND3	BASE	15.10	25.742	29.500	50002	4.515	7.580	4.3	3.1
25YEAR	POND3	BASE	15.18	25.724	29.500	49752	4.277	7.263	4.3	3.1
25YEAR	POND3	BASE	15.26	25.706	29.500	49508	4.055	6.958	4.3	3.2
25YEAR	POND3	BASE	15.35	25.688	29.500	49269	3.847	6.664	4.4	3.2
25YEAR	POND3	BASE	15.43	25.671	29.500	49037	3.655	6.382	4.4	3.3
25YEAR	POND3	BASE	15.51	25.655	29.500	48812	3.490	6.112	4.4	3.3
25YEAR	POND3	BASE	15.60	25.639	29.500	48596	3.355	5.857	4.4	3.4
25YEAR	POND3	BASE	15.68	25.624	29.500	48389	3.248	5.616	4.5	3.4
25YEAR	POND3	BASE	15.76	25.609	29.500	48192	3.147	5.391	4.5	3.4
25YEAR	POND3	BASE	15.85	25.596	29.500	48006	3.054	5.179	4.5	3.5
25YEAR	POND3	BASE	15.93	25.583	29.500	47828	2.974	4.981	4.5	3.5
25YEAR	POND3	BASE	16.01	25.570	29.500	47660	2.901	4.795	4.6	3.5
25YEAR	POND3	BASE	16.26	25.537	29.500	47208	2.718	4.308	4.6	3.6
25YEAR	POND3	BASE	16.51	25.509	29.500	46824	2.565	3.908	4.7	3.7
25YEAR	POND3	BASE	16.76	25.485	29.500	46496	2.435	3.577	4.7	3.8
25YEAR	POND3	BASE	17.01	25.464	29.500	46213	2.315	3.300	4.8	3.9
25YEAR	POND3	BASE	17.26	25.447	29.500	45969	2.227	3.066	4.8	3.9
25YEAR	POND3	BASE	17.51	25.431	29.500	45761	2.163	2.872	4.9	4.0
25YEAR	POND3	BASE	17.76	25.418	29.500	45582	2.081	2.708	4.9	4.1
25YEAR	POND3	BASE	18.01	25.406	29.500	45416	1.964	2.559	4.9	4.1
25YEAR	POND3	BASE	18.26	25.395	29.500	45262	1.893	2.423	5.0	4.2
25YEAR	POND3	BASE	18.51	25.385	29.500	45130	1.872	2.309	5.0	4.2
25YEAR	POND3	BASE	18.76	25.377	29.500	45018	1.823	2.214	5.1	4.3
25YEAR	POND3	BASE	19.01	25.369	29.500	44910	1.730	2.123	5.1	4.3
25YEAR	POND3	BASE	19.26	25.361	29.500	44806	1.676	2.036	5.1	4.4
25YEAR	POND3	BASE	19.51	25.355	29.500	44715	1.666	1.962	5.2	4.4
25YEAR	POND3	BASE	19.76	25.349	29.500	44640	1.643	1.901	5.2	4.4
25YEAR	POND3	BASE	20.01	25.344	29.500	44570	1.597	1.845	5.2	4.5
25YEAR	POND3	BASE	20.26	25.339	29.500	44501	1.542	1.791	5.3	4.5
25YEAR	POND3	BASE	20.51	25.334	29.500	44431	1.475	1.735	5.3	4.5
25YEAR	POND3	BASE	20.76	25.329	29.500	44358	1.422	1.679	5.3	4.6
25YEAR	POND3	BASE	21.01	25.324	29.500	44289	1.386	1.626	5.4	4.6
25YEAR	POND3	BASE	21.26	25.319	29.500	44226	1.362	1.578	5.4	4.6
25YEAR	POND3	BASE	21.51	25.315	29.500	44169	1.344	1.535	5.4	4.7
25YEAR	POND3	BASE	21.76	25.311	29.500	44119	1.329	1.497	5.4	4.7
25YEAR	POND3	BASE	22.01	25.308	29.500	44075	1.318	1.465	5.5	4.7
25YEAR	POND3	BASE	22.26	25.305	29.500	44036	1.309	1.436	5.5	4.8
25YEAR	POND3	BASE	22.51	25.303	29.500	44003	1.303	1.412	5.5	4.8
25YEAR	POND3	BASE	22.76	25.300	29.500	43973	1.279	1.390	5.5	4.8
25YEAR	POND3	BASE	23.01	25.298	29.500	43939	1.235	1.366	5.6	4.9
25YEAR	POND3	BASE	23.26	25.295	29.500	43901	1.200	1.338	5.6	4.9
25YEAR	POND3	BASE	23.51	25.292	29.500	43862	1.175	1.311	5.6	4.9
25YEAR	POND3	BASE	23.76	25.290	29.500	43824	1.140	1.283	5.6	4.9
25YEAR	POND3	BASE	24.01	25.286	29.500	43779	1.082	1.252	5.7	5.0
25YEAR	POND3	BASE	24.26	25.282	29.500	43721	0.941	1.211	5.7	5.0
25YEAR	POND3	BASE	24.51	25.274	29.500	43618	0.695	1.141	5.7	5.0
25YEAR	POND3	BASE	24.76	25.264	29.500	43476	0.504	1.046	5.7	5.0
25YEAR	POND3	BASE	25.01	25.252	29.500	43317	0.373	0.943	5.7	5.1
25YEAR	POND3	BASE	25.26	25.241	29.500	43155	0.277	0.841	5.7	5.1
25YEAR	POND3	BASE	25.51	25.229	29.500	42997	0.205	0.746	5.7	5.1
25YEAR	POND3	BASE	25.76	25.218	29.500	42846	0.151	0.659	5.7	5.1
25YEAR	POND3	BASE	26.01	25.208	29.500	42705	0.107	0.581	5.7	5.1
25YEAR	POND3	BASE	26.26	25.198	29.500	42573	0.071	0.511	5.8	5.1
25YEAR	POND3	BASE	26.51	25.189	29.500	42450	0.044	0.448	5.8	5.1
25YEAR	POND3	BASE	26.76	25.181	29.500	42338	0.025	0.394	5.8	5.2
25YEAR	POND3	BASE	27.01	25.173	29.500	42236	0.012	0.346	5.8	5.2
25YEAR	POND3	BASE	27.26	25.166	29.500	42143	0.005	0.305	5.8	5.2
25YEAR	POND3	BASE	27.51	25.160	29.500	42060	0.000	0.269	5.8	5.2
25YEAR	POND3	BASE	27.76	25.155	29.500	41986	0.000	0.238	5.8	5.2
25YEAR	POND3	BASE	28.01	25.150	29.500	41920	0.000	0.212	5.8	5.2
25YEAR	POND3	BASE	28.26	25.146	29.500	41861	0.000	0.190	5.8	5.2
25YEAR	POND3	BASE	28.51	25.142	29.500	41808	0.000	0.170	5.8	5.2
25YEAR	POND3	BASE	28.76	25.138	29.500	41760	0.000	0.153	5.8	5.2
25YEAR	POND3	BASE	29.01	25.135	29.500	41717	0.000	0.139	5.8	5.2
25YEAR	POND3	BASE	29.26	25.132	29.500	41678	0.000	0.126	5.8	5.2
25YEAR	POND3	BASE	29.51	25.130	29.500	41643	0.000	0.114	5.8	5.2
25YEAR	POND3	BASE	29.76	25.127	29.500	41610	0.000	0.104	5.8	5.2
25YEAR	POND3	BASE	30.01	25.125	29.500	41581	0.000	0.095	5.8	5.2
25YEAR	POND3	BASE	30.26	25.123	29.500	41554	0.000	0.088	5.8	5.2
25YEAR	POND3	BASE	30.51	25.121	29.500	41529	0.000	0.080	5.8	5.2
25YEAR	POND3	BASE	30.76	25.120	29.500	41506	0.000	0.074	5.8	5.2
25YEAR	POND3	BASE	31.01	25.118	29.500	41485	0.000	0.068	5.8	5.2
25YEAR	POND3	BASE	31.26	25.117	29.500	41465	0.000	0.063	5.8	5.2
25YEAR	POND3	BASE	31.51	25.116	29.500	41447	0.000	0.059	5.8	5.2
25YEAR	POND3	BASE	31.76	25.114	29.500	41430	0.000	0.054	5.8	5.2
25YEAR	POND3	BASE	32.01	25.113	29.500	41415	0.000	0.051	5.8	5.2
25YEAR	POND3	BASE	32.26	25.112	29.500	41400	0.000	0.047	5.8	5.2
25YEAR	POND3	BASE	32.51	25.111	29.500	41387	0.000	0.044	5.8	5.2
25YEAR	POND3	BASE	32.76	25.110	29.500	41374	0.000	0.041	5.8	5.2
25YEAR	POND3	BASE	33.01	25.109	29.500	41362	0.000	0.039	5.8	5.2
25YEAR	POND3	BASE	33.26	25.108	29.500	41351	0.000	0.036	5.8	5.2
25YEAR	POND3	BASE	33.51	25.108	29.500	41341	0.000	0.034	5.8	5.2
25YEAR	POND3	BASE	33.76	25.107	29.500	41331	0.000	0.032	5.8	5.2
25YEAR	POND3	BASE	34.01	25.106	29.500	41322	0.000	0.030	5.8	5.2
25YEAR	POND3	BASE	34.26	25.106	29.500	41313	0.000	0.028	5.8	5.2
25YEAR	POND3	BASE	34.51	25.105	29.500	41305	0.000	0.027	5.8	5.2
25YEAR	POND3	BASE	34.76	25.105	29.500	41297	0.000	0.025	5.8	5.2
25YEAR	POND3	BASE	35.01	25.104	29.500	41290	0.000	0.024	5.8	5.2
25YEAR	POND3	BASE	35.26	25.103	29.500	41283	0.000	0.023	5.8	5.2
25YEAR	POND3	BASE	35.51	25.103	29.500	41276	0.000	0.021	5.8	5.2
25YEAR	POND3	BASE	35.76	25.103	29.500	41270	0.000	0.020	5.8	5.2

TIME NODE SERIES

RECEIVED
JAN 30 2004
D.E.P. - South District

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
25YEAR	POND3	BASE	36.01	25.102	29.500	41265	0.000	0.019	5.8	5.2
25YEAR	POND4	BASE	0.00	24.500	29.500	113461	0.000	0.000	0.0	0.0
25YEAR	POND4	BASE	0.51	24.500	29.500	113461	0.000	0.000	0.0	0.0
25YEAR	POND4	BASE	1.01	24.500	29.500	113461	0.000	0.000	0.0	0.0
25YEAR	POND4	BASE	1.51	24.500	29.500	113461	0.000	0.000	0.0	0.0
25YEAR	POND4	BASE	2.01	24.500	29.500	113461	0.000	0.000	0.0	0.0
25YEAR	POND4	BASE	2.51	24.500	29.500	113461	0.000	0.000	0.0	0.0
25YEAR	POND4	BASE	3.01	24.500	29.500	113461	0.000	0.000	0.0	0.0
25YEAR	POND4	BASE	3.51	24.500	29.500	113461	0.000	0.000	0.0	0.0
25YEAR	POND4	BASE	4.01	24.500	29.500	113461	0.000	0.000	0.0	0.0
25YEAR	POND4	BASE	4.51	24.500	29.500	113461	0.000	0.000	0.0	0.0
25YEAR	POND4	BASE	5.01	24.500	29.500	113469	0.057	0.000	0.0	0.0
25YEAR	POND4	BASE	5.51	24.503	29.500	113554	0.292	0.000	0.0	0.0
25YEAR	POND4	BASE	6.01	24.510	29.500	113792	0.632	0.000	0.0	0.0
25YEAR	POND4	BASE	6.51	24.523	29.500	114236	1.098	0.000	0.1	0.0
25YEAR	POND4	BASE	7.01	24.545	29.500	114942	1.626	0.000	0.1	0.0
25YEAR	POND4	BASE	7.51	24.575	29.500	115938	2.277	0.000	0.2	0.0
25YEAR	POND4	BASE	8.01	24.615	29.500	117274	2.953	0.000	0.3	0.0
25YEAR	POND4	BASE	8.51	24.667	29.500	118961	3.806	0.000	0.4	0.0
25YEAR	POND4	BASE	9.01	24.732	29.500	121112	4.929	0.000	0.6	0.0
25YEAR	POND4	BASE	9.51	24.813	29.500	123798	6.143	0.000	0.9	0.0
25YEAR	POND4	BASE	10.01	24.912	29.500	127055	7.703	0.000	1.1	0.0
25YEAR	POND4	BASE	10.51	25.034	29.500	131109	10.079	0.000	1.5	0.0
25YEAR	POND4	BASE	11.01	25.193	29.500	136332	13.652	0.000	2.0	0.0
25YEAR	POND4	BASE	11.51	25.398	29.500	143131	19.916	0.000	2.7	0.0
25YEAR	POND4	BASE	11.60	25.444	29.500	144591	23.669	0.177	2.8	0.0
25YEAR	POND4	BASE	11.68	25.497	29.500	146312	29.438	0.741	3.0	0.0
25YEAR	POND4	BASE	11.76	25.563	29.500	148429	38.132	1.725	3.3	0.0
25YEAR	POND4	BASE	11.85	25.647	29.500	151124	50.747	3.323	3.6	0.0
25YEAR	POND4	BASE	11.93	25.753	29.500	154532	66.296	5.788	4.0	0.1
25YEAR	POND4	BASE	12.01	25.883	29.500	158713	84.142	9.378	4.5	0.1
25YEAR	POND4	BASE	12.10	26.036	29.500	163612	102.149	14.259	5.1	0.2
25YEAR	POND4	BASE	12.18	26.204	29.500	169025	117.588	20.390	5.9	0.3
25YEAR	POND4	BASE	12.26	26.379	29.500	174620	127.643	27.453	6.7	0.5
25YEAR	POND4	BASE	12.35	26.546	29.500	179991	130.744	34.862	7.6	0.7
25YEAR	POND4	BASE	12.43	26.698	29.500	184875	129.868	42.093	8.5	1.0
25YEAR	POND4	BASE	12.51	26.831	29.500	189159	126.193	48.799	9.4	1.3
25YEAR	POND4	BASE	12.60	26.944	29.500	192777	120.063	54.714	10.2	1.6
25YEAR	POND4	BASE	12.68	27.036	29.500	195736	113.224	59.717	11.1	2.0
25YEAR	POND4	BASE	12.76	27.109	29.500	198092	106.319	63.804	11.8	2.4
25YEAR	POND4	BASE	12.85	27.166	29.500	199915	99.663	67.027	12.5	2.9
25YEAR	POND4	BASE	12.93	27.209	29.500	201278	93.476	69.471	13.2	3.4
25YEAR	POND4	BASE	13.01	27.239	29.500	202242	87.594	71.218	13.8	3.9
25YEAR	POND4	BASE	13.10	27.258	29.500	202864	82.178	72.353	14.4	4.3
25YEAR	POND4	BASE	13.18	27.268	29.500	203197	77.223	72.961	14.9	4.8
25YEAR	POND4	BASE	13.26	27.271	29.500	203284	72.662	73.122	15.5	5.3
25YEAR	POND4	BASE	13.35	27.267	29.500	203166	68.482	72.904	15.9	5.9
25YEAR	POND4	BASE	13.43	27.258	29.500	202876	64.741	72.373	16.4	6.4
25YEAR	POND4	BASE	13.51	27.245	29.500	202450	61.497	71.596	16.8	6.8
25YEAR	POND4	BASE	13.60	27.229	29.500	201921	58.721	70.635	17.2	7.3
25YEAR	POND4	BASE	13.68	27.210	29.500	201316	56.270	69.540	17.6	7.8
25YEAR	POND4	BASE	13.76	27.189	29.500	200650	53.973	68.342	18.0	8.3
25YEAR	POND4	BASE	13.85	27.167	29.500	199933	51.775	67.060	18.4	8.8
25YEAR	POND4	BASE	13.93	27.143	29.500	199174	49.680	65.710	18.7	9.2
25YEAR	POND4	BASE	14.01	27.118	29.500	198378	47.669	64.307	19.1	9.7
25YEAR	POND4	BASE	14.10	27.093	29.500	197553	45.720	62.861	19.4	10.1
25YEAR	POND4	BASE	14.18	27.066	29.500	196701	43.810	61.380	19.7	10.5
25YEAR	POND4	BASE	14.26	27.039	29.500	195825	41.908	59.870	20.0	11.0
25YEAR	POND4	BASE	14.35	27.011	29.500	194927	40.010	58.334	20.3	11.4
25YEAR	POND4	BASE	14.43	26.982	29.500	194007	38.139	56.777	20.5	11.8
25YEAR	POND4	BASE	14.51	26.953	29.500	193069	36.302	55.202	20.8	12.1
25YEAR	POND4	BASE	14.60	26.923	29.500	192114	34.505	53.614	21.0	12.5
25YEAR	POND4	BASE	14.68	26.893	29.500	191146	32.755	52.019	21.3	12.9
25YEAR	POND4	BASE	14.76	26.863	29.500	190165	31.044	50.422	21.5	13.2
25YEAR	POND4	BASE	14.85	26.832	29.500	189175	29.392	48.826	21.7	13.6
25YEAR	POND4	BASE	14.93	26.801	29.500	188180	27.851	47.238	21.9	13.9
25YEAR	POND4	BASE	15.01	26.770	29.500	187185	26.442	45.668	22.1	14.2
25YEAR	POND4	BASE	15.10	26.739	29.500	186195	25.143	44.124	22.3	14.5
25YEAR	POND4	BASE	15.18	26.708	29.500	185214	23.917	42.612	22.4	14.8
25YEAR	POND4	BASE	15.26	26.678	29.500	184243	22.744	41.133	22.6	15.1
25YEAR	POND4	BASE	15.35	26.648	29.500	183284	21.612	39.688	22.8	15.4
25YEAR	POND4	BASE	15.43	26.619	29.500	182337	20.552	38.279	22.9	15.7
25YEAR	POND4	BASE	15.51	26.590	29.500	181404	19.564	36.908	23.0	15.9
25YEAR	POND4	BASE	15.60	26.561	29.500	180488	18.633	35.577	23.2	16.2
25YEAR	POND4	BASE	15.68	26.533	29.500	179590	17.801	34.289	23.3	16.4
25YEAR	POND4	BASE	15.76	26.506	29.500	178714	17.085	33.048	23.4	16.6
25YEAR	POND4	BASE	15.85	26.480	29.500	177865	16.501	31.859	23.5	16.9
25YEAR	POND4	BASE	15.93	26.454	29.500	177044	15.975	30.725	23.6	17.1
25YEAR	POND4	BASE	16.01	26.429	29.500	176254	15.518	29.645	23.7	17.3
25YEAR	POND4	BASE	16.26	26.362	29.500	174072	14.460	26.731	24.1	17.9
25YEAR	POND4	BASE	16.51	26.302	29.500	172155	13.613	24.256	24.3	18.4
25YEAR	POND4	BASE	16.76	26.250	29.500	170476	12.906	22.154	24.6	18.9
25YEAR	POND4	BASE	17.01	26.203	29.500	168996	12.255	20.355	24.9	19.3
25YEAR	POND4	BASE	17.26	26.163	29.500	167692	11.765	18.813	25.1	19.7
25YEAR	POND4	BASE	17.51	26.127	29.500	166554	11.411	17.501	25.4	20.1
25YEAR	POND4	BASE	17.76	26.096	29.500	165557	10.978	16.377	25.6	20.5
25YEAR	POND4	BASE	18.01	26.068	29.500	164645	10.380	15.372	25.8	20.8
25YEAR	POND4	BASE	18.26	26.042	29.500	163806	9.986	14.465	26.0	21.1
25YEAR	POND4	BASE	18.51	26.019	29.500	163069	9.848	13.685	26.2	21.4
25YEAR	POND4	BASE	18.76	25.999	29.500	162428	9.594	13.017	26.4	21.7
25YEAR	POND4	BASE	19.01	25.980	29.500	161829	9.122	12.404	26.6	21.9
25YEAR	POND4	BASE	19.26	25.963	29.500	161261	8.822	11.832	26.8	22.2
25YEAR	POND4	BASE	19.51	25.947	29.500	160758	8.755	11.332	27.0	22.4
25YEAR	POND4	BASE	19.76	25.933	29.500	160324	8.637	10.907	27.2	22.6

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TIME NODE SERIES

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
25YEAR	POND4	BASE	20.01	25.921	29.500	159926	8.395	10.522	27.4	22.9
25YEAR	POND4	BASE	20.26	25.909	29.500	159549	8.115	10.162	27.5	23.1
25YEAR	POND4	BASE	20.51	25.898	29.500	159177	7.767	9.810	27.7	23.3
25YEAR	POND4	BASE	20.76	25.886	29.500	158809	7.489	9.467	27.8	23.5
25YEAR	POND4	BASE	21.01	25.875	29.500	158459	7.294	9.143	28.0	23.7
25YEAR	POND4	BASE	21.26	25.865	29.500	158135	7.156	8.847	28.1	23.9
25YEAR	POND4	BASE	21.51	25.856	29.500	157840	7.056	8.581	28.3	24.0
25YEAR	POND4	BASE	21.76	25.848	29.500	157574	6.980	8.344	28.4	24.2
25YEAR	POND4	BASE	22.01	25.840	29.500	157337	6.916	8.133	28.6	24.4
25YEAR	POND4	BASE	22.26	25.834	29.500	157125	6.867	7.947	28.7	24.5
25YEAR	POND4	BASE	22.51	25.828	29.500	156938	6.829	7.784	28.9	24.7
25YEAR	POND4	BASE	22.76	25.823	29.500	156767	6.714	7.635	29.0	24.9
25YEAR	POND4	BASE	23.01	25.817	29.500	156590	6.488	7.483	29.1	25.0
25YEAR	POND4	BASE	23.26	25.811	29.500	156402	6.301	7.322	29.3	25.2
25YEAR	POND4	BASE	23.51	25.806	29.500	156215	6.168	7.163	29.4	25.3
25YEAR	POND4	BASE	23.76	25.800	29.500	156029	5.986	7.007	29.5	25.5
25YEAR	POND4	BASE	24.01	25.793	29.500	155829	5.691	6.839	29.6	25.6
25YEAR	POND4	BASE	24.26	25.786	29.500	155579	4.988	6.632	29.8	25.8
25YEAR	POND4	BASE	24.51	25.773	29.500	155183	3.741	6.309	29.9	25.9
25YEAR	POND4	BASE	24.76	25.757	29.500	154644	2.750	5.877	29.9	26.0
25YEAR	POND4	BASE	25.01	25.738	29.500	154034	2.062	5.400	30.0	26.1
25YEAR	POND4	BASE	25.26	25.718	29.500	153400	1.552	4.919	30.0	26.2
25YEAR	POND4	BASE	25.51	25.698	29.500	152769	1.167	4.456	30.0	26.3
25YEAR	POND4	BASE	25.76	25.679	29.500	152157	0.879	4.022	30.1	26.4
25YEAR	POND4	BASE	26.01	25.661	29.500	151573	0.640	3.621	30.1	26.5
25YEAR	POND4	BASE	26.26	25.644	29.500	151019	0.444	3.254	30.1	26.6
25YEAR	POND4	BASE	26.51	25.627	29.500	150496	0.290	2.920	30.1	26.6
25YEAR	POND4	BASE	26.76	25.612	29.500	150007	0.175	2.619	30.1	26.7
25YEAR	POND4	BASE	27.01	25.598	29.500	149553	0.096	2.349	30.1	26.7
25YEAR	POND4	BASE	27.26	25.585	29.500	149134	0.045	2.109	30.1	26.8
25YEAR	POND4	BASE	27.51	25.573	29.500	148751	0.014	1.897	30.1	26.8
25YEAR	POND4	BASE	27.76	25.562	29.500	148401	0.000	1.710	30.1	26.9
25YEAR	POND4	BASE	28.01	25.552	29.500	148083	0.000	1.546	30.1	26.9
25YEAR	POND4	BASE	28.26	25.543	29.500	147795	0.000	1.402	30.1	26.9
25YEAR	POND4	BASE	28.51	25.535	29.500	147533	0.000	1.275	30.1	27.0
25YEAR	POND4	BASE	28.76	25.528	29.500	147294	0.000	1.163	30.1	27.0
25YEAR	POND4	BASE	29.01	25.521	29.500	147075	0.000	1.064	30.1	27.0
25YEAR	POND4	BASE	29.26	25.515	29.500	146874	0.000	0.975	30.1	27.0
25YEAR	POND4	BASE	29.51	25.509	29.500	146690	0.000	0.896	30.1	27.1
25YEAR	POND4	BASE	29.76	25.504	29.500	146520	0.000	0.825	30.1	27.1
25YEAR	POND4	BASE	30.01	25.499	29.500	146363	0.000	0.762	30.1	27.1
25YEAR	POND4	BASE	30.26	25.494	29.500	146218	0.000	0.704	30.1	27.1
25YEAR	POND4	BASE	30.51	25.490	29.500	146084	0.000	0.652	30.1	27.1
25YEAR	POND4	BASE	30.76	25.486	29.500	145960	0.000	0.606	30.1	27.1
25YEAR	POND4	BASE	31.01	25.483	29.500	145844	0.000	0.563	30.1	27.1
25YEAR	POND4	BASE	31.26	25.479	29.500	145736	0.000	0.525	30.1	27.1
25YEAR	POND4	BASE	31.51	25.476	29.500	145635	0.000	0.489	30.1	27.2
25YEAR	POND4	BASE	31.76	25.473	29.500	145541	0.000	0.457	30.1	27.2
25YEAR	POND4	BASE	32.01	25.470	29.500	145453	0.000	0.428	30.1	27.2
25YEAR	POND4	BASE	32.26	25.468	29.500	145371	0.000	0.401	30.1	27.2
25YEAR	POND4	BASE	32.51	25.465	29.500	145294	0.000	0.376	30.1	27.2
25YEAR	POND4	BASE	32.76	25.463	29.500	145221	0.000	0.353	30.1	27.2
25YEAR	POND4	BASE	33.01	25.461	29.500	145153	0.000	0.332	30.1	27.2
25YEAR	POND4	BASE	33.26	25.459	29.500	145088	0.000	0.313	30.1	27.2
25YEAR	POND4	BASE	33.51	25.457	29.500	145028	0.000	0.295	30.1	27.2
25YEAR	POND4	BASE	33.76	25.455	29.500	144971	0.000	0.279	30.1	27.2
25YEAR	POND4	BASE	34.01	25.454	29.500	144917	0.000	0.263	30.1	27.2
25YEAR	POND4	BASE	34.26	25.452	29.500	144865	0.000	0.249	30.1	27.2
25YEAR	POND4	BASE	34.51	25.451	29.500	144817	0.000	0.236	30.1	27.2
25YEAR	POND4	BASE	34.76	25.449	29.500	144771	0.000	0.223	30.1	27.2
25YEAR	POND4	BASE	35.01	25.448	29.500	144728	0.000	0.212	30.1	27.3
25YEAR	POND4	BASE	35.26	25.447	29.500	144686	0.000	0.201	30.1	27.3
25YEAR	POND4	BASE	35.51	25.445	29.500	144647	0.000	0.191	30.1	27.3
25YEAR	POND4	BASE	35.76	25.444	29.500	144610	0.000	0.182	30.1	27.3
25YEAR	POND4	BASE	36.01	25.443	29.500	144577	0.000	0.174	30.1	27.3
25YEAR	POND5	BASE	0.00	24.500	29.500	130358	0.000	0.000	0.0	0.0
25YEAR	POND5	BASE	0.51	24.500	29.500	130358	0.000	0.000	0.0	0.0
25YEAR	POND5	BASE	1.01	24.500	29.500	130358	0.000	0.000	0.0	0.0
25YEAR	POND5	BASE	1.51	24.500	29.500	130358	0.000	0.000	0.0	0.0
25YEAR	POND5	BASE	2.01	24.500	29.500	130358	0.000	0.000	0.0	0.0
25YEAR	POND5	BASE	2.51	24.500	29.500	130358	0.000	0.000	0.0	0.0
25YEAR	POND5	BASE	3.01	24.500	29.500	130358	0.000	0.000	0.0	0.0
25YEAR	POND5	BASE	3.51	24.500	29.500	130358	0.000	0.000	0.0	0.0
25YEAR	POND5	BASE	4.01	24.500	29.500	130358	0.000	0.000	0.0	0.0
25YEAR	POND5	BASE	4.51	24.500	29.500	130358	0.000	0.000	0.0	0.0
25YEAR	POND5	BASE	5.01	24.500	29.500	130359	0.026	0.000	0.0	0.0
25YEAR	POND5	BASE	5.51	24.501	29.500	130376	0.131	0.000	0.0	0.0
25YEAR	POND5	BASE	6.01	24.504	29.500	130422	0.284	0.000	0.0	0.0
25YEAR	POND5	BASE	6.51	24.509	29.500	130507	0.493	0.000	0.0	0.0
25YEAR	POND5	BASE	7.01	24.518	29.500	130644	0.731	0.000	0.1	0.0
25YEAR	POND5	BASE	7.51	24.530	29.500	130839	1.023	0.000	0.1	0.0
25YEAR	POND5	BASE	8.01	24.546	29.500	131101	1.327	0.000	0.1	0.0
25YEAR	POND5	BASE	8.51	24.566	29.500	131437	1.710	0.000	0.2	0.0
25YEAR	POND5	BASE	9.01	24.593	29.500	131870	2.215	0.000	0.3	0.0
25YEAR	POND5	BASE	9.51	24.627	29.500	132420	2.761	0.000	0.4	0.0
25YEAR	POND5	BASE	10.01	24.669	29.500	133100	3.462	0.000	0.5	0.0
25YEAR	POND5	BASE	10.51	24.722	29.500	133966	4.530	0.000	0.7	0.0
25YEAR	POND5	BASE	11.01	24.793	29.500	135113	6.136	0.000	0.9	0.0
25YEAR	POND5	BASE	11.51	24.888	29.500	136657	8.952	0.000	1.2	0.0
25YEAR	POND5	BASE	11.60	24.909	29.500	137025	10.638	0.005	1.3	0.0
25YEAR	POND5	BASE	11.68	24.935	29.500	137505	13.231	0.035	1.4	0.0
25YEAR	POND5	BASE	11.76	24.968	29.500	138111	17.139	0.094	1.5	0.0
25YEAR	POND5	BASE	11.85	25.011	29.500	138904	22.809	0.196	1.6	0.0
25YEAR	POND5	BASE	11.93	25.067	29.500	139940	29.798	0.362	1.8	0.0

TIME NODE SERIES

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Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
25YEAR	POND5	BASE	12.01	25.138	29.500	141259	37.819	0.618	2.0	0.0
25YEAR	POND5	BASE	12.10	25.225	29.500	142872	45.912	0.986	2.3	0.0
25YEAR	POND5	BASE	12.18	25.326	29.500	144742	52.852	1.480	2.6	0.0
25YEAR	POND5	BASE	12.26	25.436	29.500	146789	57.371	2.092	3.0	0.0
25YEAR	POND5	BASE	12.35	25.549	29.500	148890	58.765	2.790	3.4	0.1
25YEAR	POND5	BASE	12.43	25.660	29.500	150952	58.371	3.536	3.8	0.1
25YEAR	POND5	BASE	12.51	25.767	29.500	152921	56.719	4.302	4.2	0.1
25YEAR	POND5	BASE	12.60	25.866	29.500	154756	53.964	5.060	4.6	0.1
25YEAR	POND5	BASE	12.68	25.956	29.500	156439	50.890	5.790	5.0	0.2
25YEAR	POND5	BASE	12.76	26.039	29.500	157969	47.787	6.482	5.3	0.2
25YEAR	POND5	BASE	12.85	26.114	29.500	159354	44.795	7.130	5.6	0.3
25YEAR	POND5	BASE	12.93	26.181	29.500	160606	42.014	7.733	5.9	0.3
25YEAR	POND5	BASE	13.01	26.242	29.500	161735	39.370	8.291	6.2	0.4
25YEAR	POND5	BASE	13.10	26.297	29.500	162751	36.936	8.804	6.5	0.4
25YEAR	POND5	BASE	13.18	26.346	29.500	163664	34.709	9.273	6.7	0.5
25YEAR	POND5	BASE	13.26	26.390	29.500	164485	32.659	9.702	6.9	0.6
25YEAR	POND5	BASE	13.35	26.430	29.500	165221	30.780	10.093	7.2	0.6
25YEAR	POND5	BASE	13.43	26.466	29.500	165883	29.099	10.448	7.4	0.7
25YEAR	POND5	BASE	13.51	26.498	29.500	166477	27.641	10.770	7.6	0.8
25YEAR	POND5	BASE	13.60	26.527	29.500	167014	26.393	11.065	7.8	0.8
25YEAR	POND5	BASE	13.68	26.553	29.500	167502	25.291	11.334	7.9	0.9
25YEAR	POND5	BASE	13.76	26.577	29.500	167944	24.259	11.580	8.1	1.0
25YEAR	POND5	BASE	13.85	26.598	29.500	168343	23.271	11.804	8.3	1.1
25YEAR	POND5	BASE	13.93	26.618	29.500	168703	22.329	12.007	8.4	1.2
25YEAR	POND5	BASE	14.01	26.635	29.500	169025	21.426	12.190	8.6	1.2
25YEAR	POND5	BASE	14.10	26.651	29.500	169312	20.550	12.353	8.7	1.3
25YEAR	POND5	BASE	14.18	26.664	29.500	169565	19.691	12.498	8.9	1.4
25YEAR	POND5	BASE	14.26	26.676	29.500	169785	18.836	12.624	9.0	1.5
25YEAR	POND5	BASE	14.35	26.686	29.500	169973	17.983	12.732	9.1	1.6
25YEAR	POND5	BASE	14.43	26.695	29.500	170129	17.142	12.822	9.2	1.7
25YEAR	POND5	BASE	14.51	26.701	29.500	170256	16.317	12.896	9.4	1.8
25YEAR	POND5	BASE	14.60	26.707	29.500	170354	15.509	12.952	9.5	1.8
25YEAR	POND5	BASE	14.68	26.711	29.500	170424	14.722	12.993	9.6	1.9
25YEAR	POND5	BASE	14.76	26.713	29.500	170467	13.953	13.018	9.7	2.0
25YEAR	POND5	BASE	14.85	26.714	29.500	170485	13.211	13.028	9.8	2.1
25YEAR	POND5	BASE	14.93	26.714	29.500	170480	12.518	13.025	9.8	2.2
25YEAR	POND5	BASE	15.01	26.712	29.500	170453	11.885	13.010	9.9	2.3
25YEAR	POND5	BASE	15.10	26.710	29.500	170407	11.301	12.983	10.0	2.4
25YEAR	POND5	BASE	15.18	26.706	29.500	170343	10.750	12.946	10.1	2.5
25YEAR	POND5	BASE	15.26	26.702	29.500	170264	10.223	12.900	10.2	2.6
25YEAR	POND5	BASE	15.35	26.697	29.500	170169	9.714	12.845	10.2	2.7
25YEAR	POND5	BASE	15.43	26.691	29.500	170059	9.237	12.782	10.3	2.7
25YEAR	POND5	BASE	15.51	26.684	29.500	169937	8.793	12.711	10.4	2.8
25YEAR	POND5	BASE	15.60	26.677	29.500	169803	8.375	12.634	10.4	2.9
25YEAR	POND5	BASE	15.68	26.669	29.500	169658	8.001	12.551	10.5	3.0
25YEAR	POND5	BASE	15.76	26.661	29.500	169505	7.679	12.463	10.5	3.1
25YEAR	POND5	BASE	15.85	26.652	29.500	169345	7.416	12.372	10.6	3.2
25YEAR	POND5	BASE	15.93	26.643	29.500	169179	7.180	12.277	10.6	3.3
25YEAR	POND5	BASE	16.01	26.634	29.500	169010	6.975	12.181	10.7	3.3
25YEAR	POND5	BASE	16.26	26.606	29.500	168485	6.499	11.884	10.8	3.6
25YEAR	POND5	BASE	16.51	26.577	29.500	167945	6.119	11.581	10.9	3.8
25YEAR	POND5	BASE	16.76	26.547	29.500	167400	5.801	11.278	11.1	4.1
25YEAR	POND5	BASE	17.01	26.518	29.500	166853	5.508	10.976	11.2	4.3
25YEAR	POND5	BASE	17.26	26.489	29.500	166308	5.288	10.678	11.3	4.5
25YEAR	POND5	BASE	17.51	26.460	29.500	165772	5.129	10.388	11.4	4.7
25YEAR	POND5	BASE	17.76	26.431	29.500	165247	4.934	10.106	11.5	5.0
25YEAR	POND5	BASE	18.01	26.403	29.500	164724	4.665	9.828	11.6	5.2
25YEAR	POND5	BASE	18.26	26.375	29.500	164203	4.489	9.554	11.7	5.4
25YEAR	POND5	BASE	18.51	26.348	29.500	163697	4.426	9.290	11.8	5.6
25YEAR	POND5	BASE	18.76	26.321	29.500	163208	4.312	9.038	11.9	5.7
25YEAR	POND5	BASE	19.01	26.295	29.500	162726	4.100	8.791	12.0	5.9
25YEAR	POND5	BASE	19.26	26.270	29.500	162248	3.965	8.548	12.1	6.1
25YEAR	POND5	BASE	19.51	26.245	29.500	161786	3.935	8.316	12.1	6.3
25YEAR	POND5	BASE	19.76	26.221	29.500	161342	3.882	8.095	12.2	6.5
25YEAR	POND5	BASE	20.01	26.197	29.500	160911	3.773	7.882	12.3	6.6
25YEAR	POND5	BASE	20.26	26.175	29.500	160489	3.647	7.676	12.4	6.8
25YEAR	POND5	BASE	20.51	26.152	29.500	160071	3.491	7.473	12.4	6.9
25YEAR	POND5	BASE	20.76	26.130	29.500	159659	3.366	7.275	12.5	7.1
25YEAR	POND5	BASE	21.01	26.108	29.500	159254	3.278	7.082	12.6	7.2
25YEAR	POND5	BASE	21.26	26.087	29.500	158861	3.216	6.897	12.7	7.4
25YEAR	POND5	BASE	21.51	26.066	29.500	158481	3.172	6.719	12.7	7.5
25YEAR	POND5	BASE	21.76	26.047	29.500	158114	3.137	6.548	12.8	7.7
25YEAR	POND5	BASE	22.01	26.028	29.500	157760	3.108	6.386	12.8	7.8
25YEAR	POND5	BASE	22.26	26.009	29.500	157420	3.086	6.231	12.9	7.9
25YEAR	POND5	BASE	22.51	25.992	29.500	157093	3.069	6.083	13.0	8.0
25YEAR	POND5	BASE	22.76	25.975	29.500	156778	3.017	5.941	13.0	8.2
25YEAR	POND5	BASE	23.01	25.958	29.500	156468	2.916	5.803	13.1	8.3
25YEAR	POND5	BASE	23.26	25.941	29.500	156162	2.832	5.668	13.2	8.4
25YEAR	POND5	BASE	23.51	25.925	29.500	155862	2.772	5.536	13.2	8.5
25YEAR	POND5	BASE	23.76	25.909	29.500	155569	2.691	5.409	13.3	8.6
25YEAR	POND5	BASE	24.01	25.894	29.500	155277	2.558	5.283	13.3	8.8
25YEAR	POND5	BASE	24.26	25.877	29.500	154976	2.242	5.154	13.4	8.9
25YEAR	POND5	BASE	24.51	25.859	29.500	154639	1.681	5.011	13.4	9.0
25YEAR	POND5	BASE	24.76	25.839	29.500	154262	1.236	4.852	13.4	9.1
25YEAR	POND5	BASE	25.01	25.817	29.500	153862	0.927	4.686	13.5	9.2
25YEAR	POND5	BASE	25.26	25.795	29.500	153449	0.697	4.516	13.5	9.3
25YEAR	POND5	BASE	25.51	25.773	29.500	153033	0.525	4.347	13.5	9.4
25YEAR	POND5	BASE	25.76	25.750	29.500	152617	0.395	4.181	13.5	9.4
25YEAR	POND5	BASE	26.01	25.728	29.500	152205	0.288	4.018	13.5	9.5
25YEAR	POND5	BASE	26.26	25.706	29.500	151799	0.199	3.860	13.5	9.6
25YEAR	POND5	BASE	26.51	25.685	29.500	151400	0.130	3.706	13.5	9.7
25YEAR	POND5	BASE	26.76	25.664	29.500	151010	0.079	3.558	13.5	9.8
25YEAR	POND5	BASE	27.01	25.643	29.500	150631	0.043	3.416	13.5	9.8
25YEAR	POND5	BASE	27.26	25.623	29.500	150263	0.020	3.280	13.5	9.9
25YEAR	POND5	BASE	27.51	25.604	29.500	149906	0.006	3.150	13.5	10.0

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TIME NODE SERIES

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
25YEAR	POND5	BASE	27.76	25.585	29.500	149562	0.000	3.027	13.5	10.0
25YEAR	POND5	BASE	28.01	25.568	29.500	149231	0.000	2.909	13.5	10.1
25YEAR	POND5	BASE	28.26	25.550	29.500	148911	0.000	2.797	13.5	10.1
25YEAR	POND5	BASE	28.51	25.534	29.500	148603	0.000	2.691	13.5	10.2
25YEAR	POND5	BASE	28.76	25.518	29.500	148306	0.000	2.589	13.5	10.3
25YEAR	POND5	BASE	29.01	25.502	29.500	148020	0.000	2.493	13.5	10.3
25YEAR	POND5	BASE	29.26	25.487	29.500	147744	0.000	2.401	13.5	10.4
25YEAR	POND5	BASE	29.51	25.473	29.500	147477	0.000	2.313	13.5	10.4
25YEAR	POND5	BASE	29.76	25.459	29.500	147220	0.000	2.230	13.5	10.5
25YEAR	POND5	BASE	30.01	25.446	29.500	146971	0.000	2.150	13.5	10.5
25YEAR	POND5	BASE	30.26	25.433	29.500	146731	0.000	2.074	13.5	10.5
25YEAR	POND5	BASE	30.51	25.420	29.500	146499	0.000	2.001	13.5	10.6
25YEAR	POND5	BASE	30.76	25.408	29.500	146275	0.000	1.932	13.5	10.6
25YEAR	POND5	BASE	31.01	25.396	29.500	146058	0.000	1.866	13.5	10.7
25YEAR	POND5	BASE	31.26	25.385	29.500	145848	0.000	1.802	13.5	10.7
25YEAR	POND5	BASE	31.51	25.374	29.500	145645	0.000	1.742	13.5	10.7
25YEAR	POND5	BASE	31.76	25.364	29.500	145449	0.000	1.683	13.5	10.8
25YEAR	POND5	BASE	32.01	25.353	29.500	145258	0.000	1.628	13.5	10.8
25YEAR	POND5	BASE	32.26	25.343	29.500	145074	0.000	1.575	13.5	10.8
25YEAR	POND5	BASE	32.51	25.334	29.500	144896	0.000	1.524	13.5	10.9
25YEAR	POND5	BASE	32.76	25.324	29.500	144723	0.000	1.475	13.5	10.9
25YEAR	POND5	BASE	33.01	25.315	29.500	144556	0.000	1.428	13.5	10.9
25YEAR	POND5	BASE	33.26	25.307	29.500	144393	0.000	1.383	13.5	11.0
25YEAR	POND5	BASE	33.51	25.298	29.500	144236	0.000	1.340	13.5	11.0
25YEAR	POND5	BASE	33.76	25.290	29.500	144083	0.000	1.299	13.5	11.0
25YEAR	POND5	BASE	34.01	25.282	29.500	143935	0.000	1.259	13.5	11.1
25YEAR	POND5	BASE	34.26	25.274	29.500	143791	0.000	1.221	13.5	11.1
25YEAR	POND5	BASE	34.51	25.267	29.500	143651	0.000	1.184	13.5	11.1
25YEAR	POND5	BASE	34.76	25.259	29.500	143515	0.000	1.149	13.5	11.1
25YEAR	POND5	BASE	35.01	25.252	29.500	143384	0.000	1.115	13.5	11.1
25YEAR	POND5	BASE	35.26	25.245	29.500	143256	0.000	1.082	13.5	11.2
25YEAR	POND5	BASE	35.51	25.239	29.500	143131	0.000	1.051	13.5	11.2
25YEAR	POND5	BASE	35.76	25.232	29.500	143010	0.000	1.021	13.5	11.2
25YEAR	POND5	BASE	36.01	25.226	29.500	142901	0.000	0.994	13.5	11.2

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100 Year 24-Hour Storm Event

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Dufresne-Henry

630 Woodbury Drive
Port Charlotte, FL 33952
(941) 627-3366
Fax: (941) 743-2904 E-mail: pc@dufresne-henry.com

C & D RECYCLING AND DISPOSAL FACILITY
DUFRESNE-HENRY 9528898.01
January 28, 2004

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
BNDY1	BASE	100YEAR	0.00	22.500	22.500	0.0000	0	12.91	55.067	0.00	0.000
BNDY1A	BASE	100YEAR	0.00	22.500	22.500	0.0000	0	12.50	56.961	0.00	0.000
BNDY2	BASE	100YEAR	0.00	22.500	22.500	0.0000	0	12.83	114.770	0.00	0.000
BNDY2A	BASE	100YEAR	0.00	22.500	22.500	0.0000	0	12.50	118.961	0.00	0.000
BNDY3	BASE	100YEAR	0.00	22.500	22.500	0.0000	0	13.50	131.669	0.00	0.000
BNDY3A	BASE	100YEAR	0.00	22.500	22.500	0.0000	0	13.10	136.913	0.00	0.000
BNDY4	BASE	100YEAR	0.00	22.650	22.650	0.0000	0	13.25	76.962	0.00	0.000
BNDY4A	BASE	100YEAR	0.00	22.650	22.650	0.0000	0	12.66	77.732	0.00	0.000
POND1	BASE	100YEAR	15.63	28.934	29.500	0.0398	336493	12.33	183.807	15.63	24.682
POND2	BASE	100YEAR	12.95	26.130	29.500	0.0212	111685	12.33	57.944	12.95	39.043
POND3	BASE	100YEAR	12.93	26.531	29.500	0.0250	60778	12.33	36.568	12.93	24.909
POND4	BASE	100YEAR	13.13	27.889	29.500	0.0398	223132	12.33	186.055	13.13	112.417
POND5	BASE	100YEAR	14.61	27.410	29.500	0.0296	183398	12.33	83.625	14.61	21.211

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NODE MAXIMIUM CONDITIONS

C & D RECYCLING AND DISPOSAL FACILITY
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January 28, 2004

Name	Group	From Node	To Node	Type	U/S Geometry	D/S Geometry	Flow Dir
	BASE			Channel	Trapezoidal	Trapezoidal	Both
W1	BASE	POND1	BNDY1A	Vertical WGO Mavis	Rectangular		Both
W2	BASE	POND2	BNDY2A	Vertical WGO Mavis	Rectangular		Both
W3	BASE	POND3	BNDY3A	Vertical WGO Mavis	Rectangular		Both
W4	BASE	POND4	BNDY3A	Vertical WGO Mavis	Rectangular		Both
W5	BASE	POND5	BNDY4A	Vertical WGO Mavis	Rectangular		Both
	BASE			Bridge			Both

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```
          Basin Name: B1>POND1
          Group Name: BASE
          Simulation: 100YEAR
           Node Name: POND1
          Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
  Spec Time Inc (min): 5.10
  Comp Time Inc (min): 5.10
         Rainfall File: Flmod
 Rainfall Amount (in): 10.560
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 38.28
     Time Shift (hrs): 0.00
            Area (ac): 63.339
 Vol of Unit Hyd (in): 1.000
        Curve Number: 80.000
           DCIA (%): 0.000

       Time Max (hrs): 12.33
       Flow Max (cfs): 184.012
   Runoff Volume (in): 8.054
  Runoff Volume (ft3): 1851728.939
```

```
          Basin Name: B2>POND2
          Group Name: BASE
          Simulation: 100YEAR
           Node Name: POND2
          Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
  Spec Time Inc (min): 4.86
  Comp Time Inc (min): 4.86
         Rainfall File: Flmod
 Rainfall Amount (in): 10.560
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 36.48
     Time Shift (hrs): 0.00
            Area (ac): 19.422
 Vol of Unit Hyd (in): 1.000
        Curve Number: 80.000
           DCIA (%): 0.000

       Time Max (hrs): 12.32
       Flow Max (cfs): 58.051
   Runoff Volume (in): 8.054
  Runoff Volume (ft3): 567859.859
```

```
          Basin Name: B3>POND3
          Group Name: BASE
          Simulation: 100YEAR
           Node Name: POND3
          Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
  Spec Time Inc (min): 4.86
  Comp Time Inc (min): 4.86
         Rainfall File: Flmod
 Rainfall Amount (in): 10.560
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 36.48
     Time Shift (hrs): 0.00
            Area (ac): 12.257
 Vol of Unit Hyd (in): 1.000
        Curve Number: 80.000
           DCIA (%): 0.000

       Time Max (hrs): 12.32
       Flow Max (cfs): 36.635
   Runoff Volume (in): 8.054
  Runoff Volume (ft3): 358371.959
```

```
          Basin Name: B4>POND4
          Group Name: BASE
          Simulation: 100YEAR
           Node Name: POND4
          Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
  Spec Time Inc (min): 5.10
  Comp Time Inc (min): 5.10
```

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BASIN SUMMARY

```
        Rainfall File: Flmod
  Rainfall Amount (in): 10.560
  Storm Duration (hrs): 24.00
              Status: Onsite
   Time of Conc (min): 38.28
     Time Shift (hrs): 0.00
            Area (ac): 64.114
 Vol of Unit Hyd (in): 1.000
        Curve Number: 80.000
            DCIA (%): 0.000

       Time Max (hrs): 12.33
      Flow Max (cfs): 186.263
  Runoff Volume (in): 8.054
 Runoff Volume (ft3): 1874380.308
```

```
           Basin Name: B5>POND5
           Group Name: BASE
           Simulation: 100YEAR
            Node Name: POND5
           Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
 Spec Time Inc (min): 5.10
 Comp Time Inc (min): 5.10
        Rainfall File: Flmod
  Rainfall Amount (in): 10.560
  Storm Duration (hrs): 24.00
              Status: Onsite
   Time of Conc (min): 38.28
     Time Shift (hrs): 0.00
            Area (ac): 28.817
 Vol of Unit Hyd (in): 1.000
        Curve Number: 80.000
            DCIA (%): 0.000

       Time Max (hrs): 12.33
      Flow Max (cfs): 83.718
  Runoff Volume (in): 8.054
 Runoff Volume (ft3): 842465.451
```

```
           Basin Name: PRE>BNDY1
           Group Name: BASE
           Simulation: 100YEAR
            Node Name: BNDY1
           Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
 Spec Time Inc (min): 11.04
 Comp Time Inc (min): 11.04
        Rainfall File: Flmod
  Rainfall Amount (in): 10.560
  Storm Duration (hrs): 24.00
              Status: Onsite
   Time of Conc (min): 82.80
     Time Shift (hrs): 0.00
            Area (ac): 32.754
 Vol of Unit Hyd (in): 1.000
        Curve Number: 77.000
            DCIA (%): 0.000

       Time Max (hrs): 12.88
      Flow Max (cfs): 55.341
  Runoff Volume (in): 7.654
 Runoff Volume (ft3): 910036.761
```

```
           Basin Name: PRE>BNDY2
           Group Name: BASE
           Simulation: 100YEAR
            Node Name: BNDY2
           Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
 Spec Time Inc (min): 10.24
 Comp Time Inc (min): 10.24
        Rainfall File: Flmod
  Rainfall Amount (in): 10.560
  Storm Duration (hrs): 24.00
              Status: Onsite
   Time of Conc (min): 76.80
     Time Shift (hrs): 0.00
            Area (ac): 64.662
 Vol of Unit Hyd (in): 1.000
        Curve Number: 77.000
            DCIA (%): 0.000
```

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BASIN SUMMARY

```
       Time Max (hrs): 12.80
      Flow Max (cfs): 115.289
  Runoff Volume (in): 7.651
Runoff Volume (ft3): 1795956.518
```

```
          Basin Name: PRE>BNDY3
          Group Name: BASE
          Simulation: 100YEAR
           Node Name: BNDY3
          Basin Type: SCS Unit Hydrograph

     Unit Hydrograph: UH256
       Peaking Fator: 256.0
 Spec Time Inc (min): 18.31
 Comp Time Inc (min): 15.00
       Rainfall File: Flmod
Rainfall Amount (in): 10.560
Storm Duration (hrs): 24.00
              Status: Onsite
  Time of Conc (min): 137.34
    Time Shift (hrs): 0.00
           Area (ac): 113.085
Vol of Unit Hyd (in): 1.000
        Curve Number: 77.000
            DCIA (%): 0.000

      Time Max (hrs): 13.50
      Flow Max (cfs): 131.696
  Runoff Volume (in): 7.664
Runoff Volume (ft3): 3146079.285
```

```
          Basin Name: PRE>BNDY4
          Group Name: BASE
          Simulation: 100YEAR
           Node Name: BNDY4
          Basin Type: SCS Unit Hydrograph

     Unit Hydrograph: UH256
       Peaking Fator: 256.0
 Spec Time Inc (min): 16.18
 Comp Time Inc (min): 15.00
       Rainfall File: Flmod
Rainfall Amount (in): 10.560
Storm Duration (hrs): 24.00
              Status: Onsite
  Time of Conc (min): 121.32
    Time Shift (hrs): 0.00
           Area (ac): 60.452
Vol of Unit Hyd (in): 1.000
        Curve Number: 77.000
            DCIA (%): 0.000

      Time Max (hrs): 13.25
      Flow Max (cfs): 76.995
  Runoff Volume (in): 7.648
Runoff Volume (ft3): 1678198.836
```

```
          Basin Name: REM-A>BNDY1A
          Group Name: BASE
          Simulation: 100YEAR
           Node Name: BNDY1A
          Basin Type: SCS Unit Hydrograph

     Unit Hydrograph: UH256
       Peaking Fator: 256.0
 Spec Time Inc (min): 5.33
 Comp Time Inc (min): 5.33
       Rainfall File: Flmod
Rainfall Amount (in): 10.560
Storm Duration (hrs): 24.00
              Status: Onsite
  Time of Conc (min): 40.00
    Time Shift (hrs): 0.00
           Area (ac): 18.378
Vol of Unit Hyd (in): 1.000
        Curve Number: 77.000
            DCIA (%): 0.000

      Time Max (hrs): 12.36
      Flow Max (cfs): 49.713
  Runoff Volume (in): 7.662
Runoff Volume (ft3): 511147.615
```

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```
          Basin Name: REM-B>BNDY2A
```

BASIN SUMMARY

```
          Group Name: BASE
          Simulation: 100YEAR
           Node Name: BNDY2A
          Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
  Spec Time Inc (min): 5.33
  Comp Time Inc (min): 5.33
        Rainfall File: Flmod
 Rainfall Amount (in): 10.560
 Storm Duration (hrs): 24.00
              Status: Onsite
  Time of Conc (min): 40.00
    Time Shift (hrs): 0.00
           Area (ac): 32.983
 Vol of Unit Hyd (in): 1.000
        Curve Number: 77.000
            DCIA (%): 0.000

      Time Max (hrs): 12.36
      Flow Max (cfs): 89.219
  Runoff Volume (in): 7.662
 Runoff Volume (ft3): 917356.719
```

```
          Basin Name: REM-C/D>BNDY4A
          Group Name: BASE
          Simulation: 100YEAR
           Node Name: BNDY4A
          Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH256
        Peaking Fator: 256.0
  Spec Time Inc (min): 8.00
  Comp Time Inc (min): 8.00
        Rainfall File: Flmod
 Rainfall Amount (in): 10.560
 Storm Duration (hrs): 24.00
              Status: Onsite
  Time of Conc (min): 60.00
    Time Shift (hrs): 0.00
           Area (ac): 31.635
 Vol of Unit Hyd (in): 1.000
        Curve Number: 77.000
            DCIA (%): 0.000

      Time Max (hrs): 12.67
      Flow Max (cfs): 66.447
  Runoff Volume (in): 7.662
 Runoff Volume (ft3): 879867.555
```

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BASIN SUMMARY

==========
==== Basins ====
==========

Name: B1>POND1 Node: POND1 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 38.28
Area(ac): 63.339 Time Shift(hrs): 0.00
Curve Number: 80.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

PROPOSED CONDITIONS

Name: B2>POND2 Node: POND2 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 36.48
Area(ac): 19.422 Time Shift(hrs): 0.00
Curve Number: 80.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

PROPOSED CONDITIONS

Name: B3>POND3 Node: POND3 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 36.48
Area(ac): 12.257 Time Shift(hrs): 0.00
Curve Number: 80.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

PROPOSED CONDITIONS

Name: B4>POND4 Node: POND4 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 38.28
Area(ac): 64.114 Time Shift(hrs): 0.00
Curve Number: 80.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

PROPOSED CONDITIONS

Name: B5>POND5 Node: POND5 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 38.28
Area(ac): 28.817 Time Shift(hrs): 0.00
Curve Number: 80.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

PROPOSED CONDITIONS

Name: PRE>BNDY1 Node: BNDY1 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 82.80
Area(ac): 12.754 Time Shift(hrs): 0.00
Curve Number: 77.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

EXISTING CONDITIONS

Name: PRE>BNDY2 Node: BNDY2 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 76.80
Area(ac): 64.662 Time Shift(hrs): 0.00
Curve Number: 77.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

EXISTING CONDITIONS

Name: PRE>BNDY3 Node: BNDY3 Status: Onsite

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Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 137.34
Area(ac): 113.085 Time Shift(hrs): 0.00
Curve Number: 77.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

EXISTING CONDITIONS

Name: PRE>BNDY4 Node: BNDY4 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 121.32
Area(ac): 60.452 Time Shift(hrs): 0.00
Curve Number: 77.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

EXISTING CONDITIONS

Name: REM-A>BNDY1A Node: BNDY1A Status: Onsite
Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 40.00
Area(ac): 18.378 Time Shift(hrs): 0.00
Curve Number: 77.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

EXISTING CONDITIONS

Name: REM-B>BNDY2A Node: BNDY2A Status: Onsite
Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 40.00
Area(ac): 32.983 Time Shift(hrs): 0.00
Curve Number: 77.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

EXISTING CONDITIONS

Name: REM-C/D>BNDY4A Node: BNDY4A Status: Onsite
Group: BASE Type: SCS Unit Hydrograph

Unit Hydrograph: UH256 Peaking Factor: 256.0
Rainfall File: FLMOD Storm Duration(hrs): 24.00
Rainfall Amount(in): 8.000 Time of Conc(min): 60.00
Area(ac): 31.635 Time Shift(hrs): 0.00
Curve Number: 77.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

EXISTING CONDITIONS

==========

==== Nodes ====

==========

Name: BNDY1 Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: BASE Warn Stage(ft): 22.500
Type: Time/Stage

EXISTING TO BNDY1

Time(hrs)	Stage(ft)
0.00	22.500
12.00	22.500
36.00	22.500

Name: BNDY1A Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: BASE Warn Stage(ft): 22.500
Type: Time/Stage

PROPOSED TO BNDY1A

Time(hrs)	Stage(ft)
0.00	22.500
12.00	22.500
36.00	22.500

Name: BNDY2 Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: BASE Warn Stage(ft): 22.500
Type: Time/Stage

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EXISTING TO BNDY2

Time(hrs)	Stage(ft)
0.00	22.500
12.00	22.500
36.00	22.500

Name: BNDY2A Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: BASE Warn Stage(ft): 22.500
Type: Time/Stage

PROPOSED TO BNDY2A

Time(hrs)	Stage(ft)
0.00	22.500
12.00	22.500
36.00	22.500

Name: BNDY3 Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: BASE Warn Stage(ft): 22.500
Type: Time/Stage

EXISTING TO BNDY3

Time(hrs)	Stage(ft)
0.00	22.500
12.00	22.500
36.00	22.500

Name: BNDY3A Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: BASE Warn Stage(ft): 22.500
Type: Time/Stage

PROPOSED TO BNDY3A

Time(hrs)	Stage(ft)
0.00	22.500
12.00	22.500
36.00	22.500

Name: BNDY4 Base Flow(cfs): 0.000 Init Stage(ft): 22.650
Group: BASE Warn Stage(ft): 22.650
Type: Time/Stage

EXISTING TO BNDY4

Time(hrs)	Stage(ft)
0.00	22.650
12.00	22.650
36.00	22.650

Name: BNDY4A Base Flow(cfs): 0.000 Init Stage(ft): 22.650
Group: BASE Warn Stage(ft): 22.650
Type: Time/Stage

PROPOSED TO BNDY4A

Time(hrs)	Stage(ft)
0.00	22.650
12.00	22.650
36.00	22.650

Name: POND1 Base Flow(cfs): 0.000 Init Stage(ft): 24.500
Group: BASE Warn Stage(ft): 29.500
Type: Stage/Area

PROPOSED POND

Stage(ft)	Area(ac)
24.500	4.8376
25.030	5.1638
29.500	8.0963

Name: POND2 Base Flow(cfs): 0.000 Init Stage(ft): 24.500
Group: BASE Warn Stage(ft): 29.500
Type: Stage/Area

PROPOSED POND

Stage(ft)	Area(ac)
24.500	1.8471
24.920	2.0225

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```
        29.500          4.0719

------------------------------------------------------------------------------------------
      Name: POND3               Base Flow(cfs): 0.000          Init Stage(ft): 24.500
     Group: BASE                                              Warn Stage(ft): 29.500
      Type: Stage/Area

PROPOSED POND

      Stage(ft)        Area(ac)
--------------- ---------------
        24.500           0.7777
        25.090           0.9435
        29.500           2.3261

------------------------------------------------------------------------------------------
      Name: POND4               Base Flow(cfs): 0.000          Init Stage(ft): 24.500
     Group: BASE                                              Warn Stage(ft): 29.500
      Type: Stage/Area

PROPOSED POND

      Stage(ft)        Area(ac)
--------------- ---------------
        24.500           2.6047
        25.410           3.2946
        29.500           6.3101

------------------------------------------------------------------------------------------
      Name: POND5               Base Flow(cfs): 0.000          Init Stage(ft): 24.500
     Group: BASE                                              Warn Stage(ft): 29.500
      Type: Stage/Area

PROPOSED POND

      Stage(ft)        Area(ac)
--------------- ---------------
        24.500           2.9926
        24.900           3.1417
        29.500           5.0998

==========================================================================================
**** Channels ************************************************************************
==========================================================================================

         Name:                      From Node:                  Length(ft): 0.00
        Group: BASE                   To Node:                       Count: 1

               UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
     Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 0.000         0.000                                 Flow: Both
 TClpInitZ(ft): 9999.000      9999.000                   Contraction Coef: 0.000
   Manning's N: 0.000000      0.000000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000         0.000                    Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000         0.000                       Exit Loss Coef: 0.000
     Main XSec:                                          Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                           Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
    Depth(ft):
 Bot Width(ft): 0.000         0.000
  LtSdSlp(h/v): 0.00          0.00
  RtSdSlp(h/v): 0.00          0.00


==========================================================================================
**** Weirs ***************************************************************************
==========================================================================================

         Name: W1                  From Node: POND1
        Group: BASE                  To Node: BNDY1A
         Flow: Both                    Count: 1
         Type: Vertical: Mavis     Geometry: Rectangular

                    Span(in): 12.00
                    Rise(in): 53.64
                  Invert(ft): 25.030
        Control Elevation(ft): 25.030
                                      TABLE
              Bottom Clip(in): 0.000
                 Top Clip(in): 0.000
           Weir Discharge Coef: 3.200
        Orifice Discharge Coef: 0.600

DROP TO WETLAND

------------------------------------------------------------------------------------------
         Name: W2                  From Node: POND2
        Group: BASE                  To Node: BNDY2A
         Flow: Both                    Count: 1
         Type: Vertical: Mavis     Geometry: Rectangular

                    Span(in): 110.00
                    Rise(in): 54.96

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```
                Invert(ft): 24.920
     Control Elevation(ft): 24.920
                                        TABLE
           Bottom Clip(in): 0.000
             Top Clip(in): 0.000
       Weir Discharge Coef: 3.200
    Orifice Discharge Coef: 0.600

DROP TO WETLAND

-------------------------------------------------------------------------------------------------
        Name: W3                  From Node: POND3
       Group: BASE                  To Node: BNDY3A
        Flow: Both                    Count: 1
        Type: Vertical: Mavis     Geometry: Rectangular

                Span(in): 54.00
                Rise(in): 52.92
              Invert(ft): 25.090
     Control Elevation(ft): 25.090
                                        TABLE
           Bottom Clip(in): 0.000
             Top Clip(in): 0.000
       Weir Discharge Coef: 3.200
    Orifice Discharge Coef: 0.600

DROP TO WETLAND

-------------------------------------------------------------------------------------------------
        Name: W4                  From Node: POND4
       Group: BASE                  To Node: BNDY3A
        Flow: Both                    Count: 2
        Type: Vertical: Mavis     Geometry: Rectangular

                Span(in): 54.00
                Rise(in): 49.08
              Invert(ft): 25.410
     Control Elevation(ft): 25.410
                                        TABLE
           Bottom Clip(in): 0.000
             Top Clip(in): 0.000
       Weir Discharge Coef: 3.200
    Orifice Discharge Coef: 0.600

DROP TO WETLAND

-------------------------------------------------------------------------------------------------
        Name: W5                  From Node: POND5
       Group: BASE                  To Node: BNDY4A
        Flow: Both                    Count: 1
        Type: Vertical: Mavis     Geometry: Rectangular

                Span(in): 20.00
                Rise(in): 55.20
              Invert(ft): 24.900
     Control Elevation(ft): 24.900
                                        TABLE
           Bottom Clip(in): 0.000
             Top Clip(in): 0.000
       Weir Discharge Coef: 3.200
    Orifice Discharge Coef: 0.600

DROP TO WETLAND

*************************************************************************************
**** Bridges ********************************************************************
*************************************************************************************

        Name:                     From Node:                        Flow: Both
       Group: BASE                  To Node:                  Run WSPRO: No

    XSEC TYPE          NAME         INV(ft)       STAT(ft)      SKEW(deg)        EXPAN       CONTRAC
         Exit                         0.000           0.00          0.000        0.500         0.000
  Full Valley                         0.000           0.00          0.000        0.500         0.000
     Approach                         0.000           0.00          0.000        0.500         0.000
      Roadway                         0.000           0.00          0.000

          Road Surface Material: Paved
  Road Embankment Top Width(ft): 0.00
   Road Unsubmerged Weir Q Coef: 0.000


RATING CURVE CONTROL
       TW(ft)       QMin(cfs)       QMax(cfs)       QInc(cfs)
-------------- --------------- --------------- ---------------
        0.000           0.000           0.000           0.000

*************************************************************************************
**** Hydrology Simulations *****************************************************
*************************************************************************************

       Name: 100YEAR
   Filename: N:\Projects\9528898.01 - ZEMEL LANDFILL\Design Calculations\ICPR\100YEAR.R32

    Override Defaults: Yes

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```

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```
    Storm Duration(hrs): 24.00
          Rainfall File: Flmod
    Rainfall Amount(in): 10.56

Time(hrs)       Print Inc(min)
--------------- ---------------
36.000          5.00

-------------------------------------------------------------------------------------------------------
         Name: 25YEAR
     Filename: N:\Projects\9528898.01 - ZEMEL LANDFILL\Design Calculations\ICPR\25YEAR.R32

      Override Defaults: Yes
    Storm Duration(hrs): 24.00
          Rainfall File: FLMOD
    Rainfall Amount(in): 8.00

Time(hrs)       Print Inc(min)
--------------- ---------------
36.000          5.00

===============================================================================================
==== Routing Simulations ======================================================================
===============================================================================================

         Name: 100YEAR              Hydrology Sim: 100YEAR
     Filename: N:\Projects\9528898.01 - ZEMEL LANDFILL\Design Calculations\ICPR\100YEAR.I32

      Execute: Yes          Restart: No            Patch: No
  Alternative: No

       Max Delta Z(ft): 1.00                     Delta Z Factor: 0.05000
    Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                     End Time(hrs): 36.00
     Min Calc Time(sec): 0.2500                Max Calc Time(sec): 60.0000
       Boundary Stages:                          Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
11.000          30.000
16.000          5.000
36.000          15.000

Group           Run
--------------- -----
BASE            Yes

-------------------------------------------------------------------------------------------------------
         Name: 25YEAR               Hydrology Sim: 25YEAR
     Filename: N:\Projects\9528898.01 - ZEMEL LANDFILL\Design Calculations\ICPR\25YEAR.I32

      Execute: Yes          Restart: No            Patch: No
  Alternative: No

       Max Delta Z(ft): 1.00                     Delta Z Factor: 0.05000
    Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                     End Time(hrs): 36.00
     Min Calc Time(sec): 0.2500                Max Calc Time(sec): 60.0000
       Boundary Stages:                          Boundary Flows:

POST-DEVELOPMENT 25yr-24 HOUR SIMULATION


Time(hrs)       Print Inc(min)
--------------- ---------------
11.000          30.000
16.000          5.000
36.000          15.000

Group           Run
--------------- -----
BASE            Yes

===============================================================================================
==== Boundary Conditions ======================================================================
===============================================================================================
```

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Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100YEAR	POND1	BASE	20.51	28.502	29.500	324150	10.402	20.701	39.4	14.8
100YEAR	POND1	BASE	20.76	28.473	29.500	323326	10.028	20.443	39.6	15.2
100YEAR	POND1	BASE	21.01	28.444	29.500	322495	9.765	20.185	39.8	15.6
100YEAR	POND1	BASE	21.26	28.415	29.500	321665	9.578	19.928	40.0	16.1
100YEAR	POND1	BASE	21.51	28.386	29.500	320841	9.444	19.674	40.2	16.5
100YEAR	POND1	BASE	21.76	28.357	29.500	320025	9.341	19.423	40.4	16.9
100YEAR	POND1	BASE	22.01	28.329	29.500	319220	9.253	19.177	40.6	17.3
100YEAR	POND1	BASE	22.26	28.302	29.500	318426	9.186	18.935	40.8	17.7
100YEAR	POND1	BASE	22.51	28.274	29.500	317645	9.133	18.699	40.9	18.0
100YEAR	POND1	BASE	22.76	28.247	29.500	316873	8.978	18.466	41.1	18.4
100YEAR	POND1	BASE	23.01	28.220	29.500	316099	8.675	18.233	41.3	18.8
100YEAR	POND1	BASE	23.26	28.193	29.500	315319	8.424	17.999	41.5	19.2
100YEAR	POND1	BASE	23.51	28.166	29.500	314539	8.246	17.767	41.7	19.6
100YEAR	POND1	BASE	23.76	28.138	29.500	313760	8.001	17.536	41.8	19.9
100YEAR	POND1	BASE	24.01	28.111	29.500	312971	7.606	17.303	42.0	20.3
100YEAR	POND1	BASE	24.26	28.082	29.500	312151	6.666	17.061	42.1	20.6
100YEAR	POND1	BASE	24.51	28.050	29.500	311234	4.999	16.793	42.3	21.0
100YEAR	POND1	BASE	24.76	28.014	29.500	310212	3.674	16.496	42.4	21.3
100YEAR	POND1	BASE	25.01	27.976	29.500	309119	2.755	16.180	42.4	21.7
100YEAR	POND1	BASE	25.26	27.936	29.500	307984	2.073	15.853	42.5	22.0
100YEAR	POND1	BASE	25.51	27.895	29.500	306822	1.560	15.522	42.5	22.3
100YEAR	POND1	BASE	25.76	27.854	29.500	305646	1.175	15.189	42.5	22.6
100YEAR	POND1	BASE	26.01	27.813	29.500	304464	0.855	14.856	42.6	22.9
100YEAR	POND1	BASE	26.26	27.772	29.500	303281	0.593	14.526	42.6	23.2
100YEAR	POND1	BASE	26.51	27.730	29.500	302102	0.388	14.199	42.6	23.5
100YEAR	POND1	BASE	26.76	27.689	29.500	300930	0.234	13.877	42.6	23.8
100YEAR	POND1	BASE	27.01	27.649	29.500	299770	0.128	13.561	42.6	24.1
100YEAR	POND1	BASE	27.26	27.609	29.500	298625	0.061	13.251	42.6	24.4
100YEAR	POND1	BASE	27.51	27.569	29.500	297498	0.019	12.948	42.6	24.7
100YEAR	POND1	BASE	27.76	27.530	29.500	296390	0.000	12.652	42.6	24.9
100YEAR	POND1	BASE	28.01	27.492	29.500	295302	0.000	12.364	42.6	25.2
100YEAR	POND1	BASE	28.26	27.455	29.500	294235	0.000	12.084	42.6	25.4
100YEAR	POND1	BASE	28.51	27.418	29.500	293189	0.000	11.812	42.6	25.7
100YEAR	POND1	BASE	28.76	27.382	29.500	292162	0.000	11.546	42.6	25.9
100YEAR	POND1	BASE	29.01	27.347	29.500	291155	0.000	11.288	42.6	26.2
100YEAR	POND1	BASE	29.26	27.313	29.500	290167	0.000	11.036	42.6	26.4
100YEAR	POND1	BASE	29.51	27.279	29.500	289198	0.000	10.791	42.6	26.6
100YEAR	POND1	BASE	29.76	27.245	29.500	288247	0.000	10.552	42.6	26.8
100YEAR	POND1	BASE	30.01	27.213	29.500	287314	0.000	10.320	42.6	27.1
100YEAR	POND1	BASE	30.26	27.181	29.500	286399	0.000	10.094	42.6	27.3
100YEAR	POND1	BASE	30.51	27.149	29.500	285500	0.000	9.873	42.6	27.5
100YEAR	POND1	BASE	30.76	27.119	29.500	284619	0.000	9.658	42.6	27.7
100YEAR	POND1	BASE	31.01	27.088	29.500	283754	0.000	9.449	42.6	27.9
100YEAR	POND1	BASE	31.26	27.059	29.500	282905	0.000	9.246	42.6	28.1
100YEAR	POND1	BASE	31.51	27.029	29.500	282072	0.000	9.047	42.6	28.3
100YEAR	POND1	BASE	31.76	27.001	29.500	281255	0.000	8.854	42.6	28.4
100YEAR	POND1	BASE	32.01	26.973	29.500	280453	0.000	8.665	42.6	28.6
100YEAR	POND1	BASE	32.26	26.945	29.500	279665	0.000	8.481	42.6	28.8
100YEAR	POND1	BASE	32.51	26.918	29.500	278892	0.000	8.302	42.6	29.0
100YEAR	POND1	BASE	32.76	26.892	29.500	278133	0.000	8.128	42.6	29.1
100YEAR	POND1	BASE	33.01	26.865	29.500	277388	0.000	7.958	42.6	29.3
100YEAR	POND1	BASE	33.26	26.840	29.500	276657	0.000	7.792	42.6	29.5
100YEAR	POND1	BASE	33.51	26.815	29.500	275939	0.000	7.630	42.6	29.6
100YEAR	POND1	BASE	33.76	26.790	29.500	275234	0.000	7.472	42.6	29.8
100YEAR	POND1	BASE	34.01	26.766	29.500	274542	0.000	7.319	42.6	29.9
100YEAR	POND1	BASE	34.26	26.742	29.500	273862	0.000	7.169	42.6	30.1
100YEAR	POND1	BASE	34.51	26.719	29.500	273195	0.000	7.023	42.6	30.2
100YEAR	POND1	BASE	34.76	26.696	29.500	272540	0.000	6.880	42.6	30.4
100YEAR	POND1	BASE	35.01	26.673	29.500	271896	0.000	6.741	42.6	30.5
100YEAR	POND1	BASE	35.26	26.651	29.500	271264	0.000	6.605	42.6	30.7
100YEAR	POND1	BASE	35.51	26.629	29.500	270643	0.000	6.473	42.6	30.8
100YEAR	POND1	BASE	35.76	26.608	29.500	270033	0.000	6.344	42.6	30.9
100YEAR	POND1	BASE	36.01	26.589	29.500	269474	0.000	6.226	42.6	31.1
100YEAR	POND2	BASE	0.00	24.500	29.500	80460	0.000	0.000	0.0	0.0
100YEAR	POND2	BASE	0.51	24.500	29.500	80460	0.000	0.000	0.0	0.0
100YEAR	POND2	BASE	1.01	24.500	29.500	80460	0.000	0.000	0.0	0.0
100YEAR	POND2	BASE	1.51	24.500	29.500	80460	0.000	0.000	0.0	0.0
100YEAR	POND2	BASE	2.01	24.500	29.500	80460	0.000	0.000	0.0	0.0
100YEAR	POND2	BASE	2.51	24.500	29.500	80460	0.000	0.000	0.0	0.0
100YEAR	POND2	BASE	3.01	24.500	29.500	80460	0.000	0.000	0.0	0.0
100YEAR	POND2	BASE	3.51	24.500	29.500	80460	0.000	0.000	0.0	0.0
100YEAR	POND2	BASE	4.01	24.500	29.500	80462	0.019	0.000	0.0	0.0
100YEAR	POND2	BASE	4.51	24.501	29.500	80487	0.120	0.000	0.0	0.0
100YEAR	POND2	BASE	5.01	24.506	29.500	80566	0.275	0.000	0.0	0.0
100YEAR	POND2	BASE	5.51	24.514	29.500	80715	0.462	0.000	0.0	0.0
100YEAR	POND2	BASE	6.01	24.527	29.500	80942	0.659	0.000	0.0	0.0
100YEAR	POND2	BASE	6.51	24.544	29.500	81257	0.916	0.000	0.1	0.0
100YEAR	POND2	BASE	7.01	24.567	29.500	81679	1.178	0.000	0.1	0.0
100YEAR	POND2	BASE	7.51	24.596	29.500	82209	1.494	0.000	0.2	0.0
100YEAR	POND2	BASE	8.01	24.632	29.500	82865	1.801	0.000	0.2	0.0
100YEAR	POND2	BASE	8.51	24.675	29.500	83646	2.197	0.000	0.3	0.0
100YEAR	POND2	BASE	9.01	24.728	29.500	84599	2.721	0.000	0.4	0.0
100YEAR	POND2	BASE	9.51	24.791	29.500	85750	3.266	0.000	0.6	0.0
100YEAR	POND2	BASE	10.01	24.866	29.500	87112	3.973	0.000	0.7	0.0
100YEAR	POND2	BASE	10.51	24.957	29.500	88815	5.062	0.206	0.9	0.0
100YEAR	POND2	BASE	11.01	25.058	29.500	90789	6.686	1.503	1.1	0.0
100YEAR	POND2	BASE	11.51	25.162	29.500	92813	9.514	3.488	1.5	0.1
100YEAR	POND2	BASE	11.60	25.183	29.500	93231	11.291	3.962	1.5	0.2
100YEAR	POND2	BASE	11.68	25.210	29.500	93753	14.008	4.581	1.6	0.2
100YEAR	POND2	BASE	11.76	25.245	29.500	94436	18.099	5.436	1.7	0.2
100YEAR	POND2	BASE	11.85	25.293	29.500	95362	24.008	6.670	1.9	0.3
100YEAR	POND2	BASE	11.93	25.355	29.500	96584	31.087	8.424	2.1	0.3
100YEAR	POND2	BASE	12.01	25.434	29.500	98128	39.160	10.824	2.3	0.4
100YEAR	POND2	BASE	12.10	25.529	29.500	99962	47.077	13.926	2.6	0.5

TIME NODE SERIES

RECEIVED
JAN 30 2004
J.E.P. - South District

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100YEAR	POND2	BASE	12.18	25.632	29.500	101985	53.462	17.636	3.0	0.6
100YEAR	POND2	BASE	12.26	25.738	29.500	104035	57.154	21.683	3.3	0.7
100YEAR	POND2	BASE	12.35	25.835	29.500	105937	57.850	25.679	3.7	0.9
100YEAR	POND2	BASE	12.43	25.920	29.500	107587	56.910	29.324	4.1	1.1
100YEAR	POND2	BASE	12.51	25.990	29.500	108947	54.813	32.445	4.5	1.3
100YEAR	POND2	BASE	12.60	26.044	29.500	110000	51.821	34.935	4.9	1.5
100YEAR	POND2	BASE	12.68	26.083	29.500	110764	48.626	36.778	5.2	1.8
100YEAR	POND2	BASE	12.76	26.109	29.500	111273	45.488	38.024	5.6	2.0
100YEAR	POND2	BASE	12.85	26.124	29.500	111567	42.508	38.749	5.9	2.3
100YEAR	POND2	BASE	12.93	26.130	29.500	111681	39.703	39.033	6.1	2.6
100YEAR	POND2	BASE	13.01	26.128	29.500	111647	37.072	38.948	6.4	2.8
100YEAR	POND2	BASE	13.10	26.120	29.500	111493	34.679	38.567	6.7	3.1
100YEAR	POND2	BASE	13.18	26.107	29.500	111245	32.498	37.954	6.9	3.4
100YEAR	POND2	BASE	13.26	26.091	29.500	110922	30.504	37.164	7.1	3.6
100YEAR	POND2	BASE	13.35	26.071	29.500	110544	28.703	36.243	7.3	3.9
100YEAR	POND2	BASE	13.43	26.050	29.500	110125	27.135	35.235	7.5	4.1
100YEAR	POND2	BASE	13.51	26.027	29.500	109684	25.807	34.180	7.7	4.4
100YEAR	POND2	BASE	13.60	26.004	29.500	109231	24.657	33.111	7.9	4.6
100YEAR	POND2	BASE	13.68	25.981	29.500	108775	23.598	32.044	8.0	4.8
100YEAR	POND2	BASE	13.76	25.957	29.500	108318	22.585	30.988	8.2	5.0
100YEAR	POND2	BASE	13.85	25.934	29.500	107862	21.602	29.947	8.3	5.2
100YEAR	POND2	BASE	13.93	25.911	29.500	107408	20.649	28.920	8.5	5.4
100YEAR	POND2	BASE	14.01	25.887	29.500	106957	19.729	27.912	8.6	5.6
100YEAR	POND2	BASE	14.10	25.864	29.500	106509	18.834	26.923	8.7	5.8
100YEAR	POND2	BASE	14.18	25.842	29.500	106063	17.950	25.952	8.9	6.0
100YEAR	POND2	BASE	14.26	25.819	29.500	105621	17.071	24.999	9.0	6.2
100YEAR	POND2	BASE	14.35	25.796	29.500	105180	16.196	24.062	9.1	6.3
100YEAR	POND2	BASE	14.43	25.774	29.500	104741	15.340	23.140	9.2	6.5
100YEAR	POND2	BASE	14.51	25.751	29.500	104305	14.521	22.236	9.3	6.7
100YEAR	POND2	BASE	14.60	25.729	29.500	103872	13.734	21.351	9.4	6.8
100YEAR	POND2	BASE	14.68	25.707	29.500	103443	12.977	20.485	9.5	7.0
100YEAR	POND2	BASE	14.76	25.685	29.500	103019	12.258	19.642	9.6	7.1
100YEAR	POND2	BASE	14.85	25.664	29.500	102601	11.580	18.822	9.7	7.2
100YEAR	POND2	BASE	14.93	25.643	29.500	102190	10.957	18.027	9.8	7.4
100YEAR	POND2	BASE	15.01	25.622	29.500	101787	10.372	17.261	9.8	7.5
100YEAR	POND2	BASE	15.10	25.602	29.500	101394	9.818	16.522	9.9	7.6
100YEAR	POND2	BASE	15.18	25.582	29.500	101010	9.288	15.811	10.0	7.7
100YEAR	POND2	BASE	15.26	25.563	29.500	100635	8.796	15.128	10.0	7.8
100YEAR	POND2	BASE	15.35	25.544	29.500	100271	8.336	14.473	10.1	7.9
100YEAR	POND2	BASE	15.43	25.526	29.500	99916	7.912	13.845	10.1	8.0
100YEAR	POND2	BASE	15.51	25.509	29.500	99573	7.550	13.247	10.2	8.1
100YEAR	POND2	BASE	15.60	25.492	29.500	99244	7.254	12.682	10.2	8.2
100YEAR	POND2	BASE	15.68	25.476	29.500	98932	7.020	12.151	10.3	8.3
100YEAR	POND2	BASE	15.76	25.460	29.500	98635	6.799	11.655	10.3	8.4
100YEAR	POND2	BASE	15.85	25.446	29.500	98353	6.597	11.190	10.4	8.4
100YEAR	POND2	BASE	15.93	25.432	29.500	98086	6.422	10.756	10.4	8.5
100YEAR	POND2	BASE	16.01	25.419	29.500	97833	6.263	10.351	10.5	8.6
100YEAR	POND2	BASE	16.26	25.385	29.500	97157	5.865	9.290	10.6	8.8
100YEAR	POND2	BASE	16.51	25.355	29.500	96584	5.532	8.423	10.7	9.0
100YEAR	POND2	BASE	16.76	25.330	29.500	96096	5.249	7.708	10.8	9.1
100YEAR	POND2	BASE	17.01	25.309	29.500	95676	4.989	7.109	10.9	9.3
100YEAR	POND2	BASE	17.26	25.290	29.500	95315	4.798	6.605	11.0	9.4
100YEAR	POND2	BASE	17.51	25.274	29.500	95007	4.659	6.187	11.1	9.6
100YEAR	POND2	BASE	17.76	25.261	29.500	94742	4.481	5.834	11.2	9.7
100YEAR	POND2	BASE	18.01	25.248	29.500	94496	4.227	5.513	11.3	9.8
100YEAR	POND2	BASE	18.26	25.236	29.500	94267	4.073	5.220	11.4	9.9
100YEAR	POND2	BASE	18.51	25.226	29.500	94072	4.028	4.974	11.5	10.0
100YEAR	POND2	BASE	18.76	25.218	29.500	93906	3.920	4.769	11.6	10.1
100YEAR	POND2	BASE	19.01	25.210	29.500	93746	3.720	4.573	11.7	10.2
100YEAR	POND2	BASE	19.26	25.202	29.500	93591	3.603	4.386	11.7	10.3
100YEAR	POND2	BASE	19.51	25.195	29.500	93457	3.581	4.226	11.8	10.4
100YEAR	POND2	BASE	19.76	25.189	29.500	93344	3.531	4.093	11.9	10.5
100YEAR	POND2	BASE	20.01	25.184	29.500	93240	3.431	3.972	11.9	10.6
100YEAR	POND2	BASE	20.26	25.178	29.500	93139	3.313	3.855	12.0	10.7
100YEAR	POND2	BASE	20.51	25.173	29.500	93033	3.168	3.735	12.1	10.7
100YEAR	POND2	BASE	20.76	25.168	29.500	92926	3.054	3.614	12.1	10.8
100YEAR	POND2	BASE	21.01	25.162	29.500	92823	2.977	3.499	12.2	10.9
100YEAR	POND2	BASE	21.26	25.157	29.500	92729	2.923	3.395	12.3	11.0
100YEAR	POND2	BASE	21.51	25.153	29.500	92645	2.884	3.302	12.3	11.0
100YEAR	POND2	BASE	21.76	25.149	29.500	92570	2.853	3.221	12.4	11.1
100YEAR	POND2	BASE	22.01	25.146	29.500	92504	2.827	3.150	12.4	11.2
100YEAR	POND2	BASE	22.26	25.143	29.500	92447	2.809	3.089	12.5	11.2
100YEAR	POND2	BASE	22.51	25.140	29.500	92397	2.795	3.037	12.6	11.3
100YEAR	POND2	BASE	22.76	25.138	29.500	92352	2.744	2.989	12.6	11.3
100YEAR	POND2	BASE	23.01	25.136	29.500	92301	2.648	2.935	12.7	11.4
100YEAR	POND2	BASE	23.26	25.133	29.500	92244	2.573	2.876	12.7	11.5
100YEAR	POND2	BASE	23.51	25.130	29.500	92187	2.520	2.816	12.8	11.5
100YEAR	POND2	BASE	23.76	25.127	29.500	92130	2.443	2.757	12.8	11.6
100YEAR	POND2	BASE	24.01	25.123	29.500	92064	2.319	2.690	12.9	11.6
100YEAR	POND2	BASE	24.26	25.119	29.500	91977	2.018	2.602	12.9	11.7
100YEAR	POND2	BASE	24.51	25.111	29.500	91827	1.489	2.453	13.0	11.7
100YEAR	POND2	BASE	24.76	25.101	29.500	91620	1.080	2.251	13.0	11.8
100YEAR	POND2	BASE	25.01	25.089	29.500	91387	0.799	2.032	13.0	11.8
100YEAR	POND2	BASE	25.26	25.076	29.500	91150	0.593	1.815	13.0	11.9
100YEAR	POND2	BASE	25.51	25.065	29.500	90918	0.440	1.612	13.0	11.9
100YEAR	POND2	BASE	25.76	25.053	29.500	90698	0.324	1.427	13.0	11.9
100YEAR	POND2	BASE	26.01	25.043	29.500	90490	0.229	1.260	13.1	12.0
100YEAR	POND2	BASE	26.26	25.033	29.500	90297	0.152	1.110	13.1	12.0
100YEAR	POND2	BASE	26.51	25.024	29.500	90118	0.094	0.977	13.1	12.0
100YEAR	POND2	BASE	26.76	25.015	29.500	89953	0.053	0.859	13.1	12.0
100YEAR	POND2	BASE	27.01	25.007	29.500	89802	0.026	0.757	13.1	12.1
100YEAR	POND2	BASE	27.26	25.000	29.500	89666	0.010	0.668	13.1	12.1
100YEAR	POND2	BASE	27.51	24.994	29.500	89544	0.001	0.591	13.1	12.1
100YEAR	POND2	BASE	27.76	24.988	29.500	89434	0.000	0.525	13.1	12.1
100YEAR	POND2	BASE	28.01	24.983	29.500	89337	0.000	0.469	13.1	12.1

TIME NODE SERIES

RECEIVED
JAN 30 2004
D.E.P. - South District

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100YEAR	POND2	BASE	28.26	24.979	29.500	89249	0.000	0.420	13.1	12.1
100YEAR	POND2	BASE	28.51	24.975	29.500	89171	0.000	0.378	13.1	12.1
100YEAR	POND2	BASE	28.76	24.971	29.500	89100	0.000	0.341	13.1	12.1
100YEAR	POND2	BASE	29.01	24.968	29.500	89036	0.000	0.309	13.1	12.1
100YEAR	POND2	BASE	29.26	24.965	29.500	88978	0.000	0.280	13.1	12.1
100YEAR	POND2	BASE	29.51	24.962	29.500	88925	0.000	0.255	13.1	12.1
100YEAR	POND2	BASE	29.76	24.960	29.500	88877	0.000	0.233	13.1	12.2
100YEAR	POND2	BASE	30.01	24.958	29.500	88833	0.000	0.214	13.1	12.2
100YEAR	POND2	BASE	30.26	24.956	29.500	88792	0.000	0.196	13.1	12.2
100YEAR	POND2	BASE	30.51	24.954	29.500	88755	0.000	0.181	13.1	12.2
100YEAR	POND2	BASE	30.76	24.952	29.500	88721	0.000	0.167	13.1	12.2
100YEAR	POND2	BASE	31.01	24.950	29.500	88689	0.000	0.154	13.1	12.2
100YEAR	POND2	BASE	31.26	24.949	29.500	88660	0.000	0.143	13.1	12.2
100YEAR	POND2	BASE	31.51	24.947	29.500	88632	0.000	0.132	13.1	12.2
100YEAR	POND2	BASE	31.76	24.946	29.500	88607	0.000	0.123	13.1	12.2
100YEAR	POND2	BASE	32.01	24.945	29.500	88584	0.000	0.115	13.1	12.2
100YEAR	POND2	BASE	32.26	24.944	29.500	88562	0.000	0.107	13.1	12.2
100YEAR	POND2	BASE	32.51	24.943	29.500	88541	0.000	0.100	13.1	12.2
100YEAR	POND2	BASE	32.76	24.942	29.500	88522	0.000	0.093	13.1	12.2
100YEAR	POND2	BASE	33.01	24.941	29.500	88504	0.000	0.087	13.1	12.2
100YEAR	POND2	BASE	33.26	24.940	29.500	88487	0.000	0.082	13.1	12.2
100YEAR	POND2	BASE	33.51	24.939	29.500	88471	0.000	0.077	13.1	12.2
100YEAR	POND2	BASE	33.76	24.938	29.500	88457	0.000	0.073	13.1	12.2
100YEAR	POND2	BASE	34.01	24.938	29.500	88443	0.000	0.068	13.1	12.2
100YEAR	POND2	BASE	34.26	24.937	29.500	88429	0.000	0.064	13.1	12.2
100YEAR	POND2	BASE	34.51	24.936	29.500	88417	0.000	0.061	13.1	12.2
100YEAR	POND2	BASE	34.76	24.936	29.500	88405	0.000	0.057	13.1	12.2
100YEAR	POND2	BASE	35.01	24.935	29.500	88394	0.000	0.054	13.1	12.2
100YEAR	POND2	BASE	35.26	24.935	29.500	88384	0.000	0.051	13.1	12.2
100YEAR	POND2	BASE	35.51	24.934	29.500	88374	0.000	0.049	13.1	12.2
100YEAR	POND2	BASE	35.76	24.934	29.500	88364	0.000	0.046	13.1	12.2
100YEAR	POND2	BASE	36.01	24.933	29.500	88356	0.000	0.044	13.1	12.2
100YEAR	POND3	BASE	0.00	24.500	29.500	33877	0.000	0.000	0.0	0.0
100YEAR	POND3	BASE	0.51	24.500	29.500	33877	0.000	0.000	0.0	0.0
100YEAR	POND3	BASE	1.01	24.500	29.500	33877	0.000	0.000	0.0	0.0
100YEAR	POND3	BASE	1.51	24.500	29.500	33877	0.000	0.000	0.0	0.0
100YEAR	POND3	BASE	2.01	24.500	29.500	33877	0.000	0.000	0.0	0.0
100YEAR	POND3	BASE	2.51	24.500	29.500	33877	0.000	0.000	0.0	0.0
100YEAR	POND3	BASE	3.01	24.500	29.500	33877	0.000	0.000	0.0	0.0
100YEAR	POND3	BASE	3.51	24.500	29.500	33877	0.000	0.000	0.0	0.0
100YEAR	POND3	BASE	4.01	24.500	29.500	33878	0.012	0.000	0.0	0.0
100YEAR	POND3	BASE	4.51	24.502	29.500	33904	0.076	0.000	0.0	0.0
100YEAR	POND3	BASE	5.01	24.509	29.500	33984	0.174	0.000	0.0	0.0
100YEAR	POND3	BASE	5.51	24.521	29.500	34134	0.292	0.000	0.0	0.0
100YEAR	POND3	BASE	6.01	24.540	29.500	34361	0.416	0.000	0.0	0.0
100YEAR	POND3	BASE	6.51	24.565	29.500	34675	0.578	0.000	0.1	0.0
100YEAR	POND3	BASE	7.01	24.599	29.500	35094	0.744	0.000	0.1	0.0
100YEAR	POND3	BASE	7.51	24.642	29.500	35616	0.943	0.000	0.1	0.0
100YEAR	POND3	BASE	8.01	24.694	29.500	36255	1.137	0.000	0.2	0.0
100YEAR	POND3	BASE	8.51	24.756	29.500	37009	1.386	0.000	0.2	0.0
100YEAR	POND3	BASE	9.01	24.830	29.500	37918	1.717	0.000	0.3	0.0
100YEAR	POND3	BASE	9.51	24.919	29.500	39001	2.061	0.000	0.4	0.0
100YEAR	POND3	BASE	10.01	25.022	29.500	40262	2.507	0.000	0.4	0.0
100YEAR	POND3	BASE	10.51	25.144	29.500	41841	3.195	0.182	0.6	0.0
100YEAR	POND3	BASE	11.01	25.274	29.500	43607	4.219	1.133	0.7	0.0
100YEAR	POND3	BASE	11.51	25.400	29.500	45326	6.004	2.479	0.9	0.1
100YEAR	POND3	BASE	11.60	25.425	29.500	45678	7.126	2.796	1.0	0.1
100YEAR	POND3	BASE	11.68	25.458	29.500	46121	8.840	3.211	1.0	0.1
100YEAR	POND3	BASE	11.76	25.500	29.500	46703	11.422	3.786	1.1	0.2
100YEAR	POND3	BASE	11.85	25.558	29.500	47496	15.151	4.616	1.2	0.2
100YEAR	POND3	BASE	11.93	25.635	29.500	48540	19.619	5.791	1.3	0.2
100YEAR	POND3	BASE	12.01	25.731	29.500	49848	24.714	7.384	1.5	0.3
100YEAR	POND3	BASE	12.10	25.843	29.500	51389	29.710	9.418	1.6	0.3
100YEAR	POND3	BASE	12.18	25.966	29.500	53067	33.739	11.814	1.9	0.4
100YEAR	POND3	BASE	12.26	26.089	29.500	54748	36.069	14.388	2.1	0.5
100YEAR	POND3	BASE	12.35	26.202	29.500	56287	36.509	16.889	2.4	0.6
100YEAR	POND3	BASE	12.43	26.299	29.500	57608	35.915	19.139	2.6	0.7
100YEAR	POND3	BASE	12.51	26.378	29.500	58685	34.592	21.043	2.9	0.9
100YEAR	POND3	BASE	12.60	26.438	29.500	59511	32.704	22.542	3.1	1.0
100YEAR	POND3	BASE	12.68	26.482	29.500	60102	30.688	23.637	3.3	1.2
100YEAR	POND3	BASE	12.76	26.510	29.500	60490	28.707	24.363	3.5	1.3
100YEAR	POND3	BASE	12.85	26.526	29.500	60705	26.826	24.771	3.7	1.5
100YEAR	POND3	BASE	12.93	26.531	29.500	60778	25.057	24.909	3.9	1.7
100YEAR	POND3	BASE	13.01	26.528	29.500	60733	23.396	24.823	4.0	1.9
100YEAR	POND3	BASE	13.10	26.517	29.500	60592	21.886	24.557	4.2	2.0
100YEAR	POND3	BASE	13.18	26.502	29.500	60376	20.509	24.149	4.3	2.2
100YEAR	POND3	BASE	13.26	26.481	29.500	60100	19.251	23.633	4.5	2.4
100YEAR	POND3	BASE	13.35	26.458	29.500	59779	18.114	23.037	4.6	2.5
100YEAR	POND3	BASE	13.43	26.432	29.500	59426	17.125	22.387	4.7	2.7
100YEAR	POND3	BASE	13.51	26.405	29.500	59054	16.287	21.708	4.8	2.8
100YEAR	POND3	BASE	13.60	26.377	29.500	58673	15.561	21.020	5.0	3.0
100YEAR	POND3	BASE	13.68	26.349	29.500	58288	14.893	20.335	5.1	3.1
100YEAR	POND3	BASE	13.76	26.321	29.500	57904	14.253	19.656	5.2	3.3
100YEAR	POND3	BASE	13.85	26.292	29.500	57520	13.633	18.986	5.3	3.4
100YEAR	POND3	BASE	13.93	26.264	29.500	57137	13.032	18.326	5.3	3.5
100YEAR	POND3	BASE	14.01	26.236	29.500	56756	12.451	17.677	5.4	3.6
100YEAR	POND3	BASE	14.10	26.209	29.500	56378	11.886	17.041	5.5	3.8
100YEAR	POND3	BASE	14.18	26.181	29.500	56002	11.328	16.417	5.6	3.9
100YEAR	POND3	BASE	14.26	26.154	29.500	55629	10.773	15.803	5.7	4.0
100YEAR	POND3	BASE	14.35	26.127	29.500	55257	10.221	15.201	5.7	4.1
100YEAR	POND3	BASE	14.43	26.100	29.500	54887	9.681	14.608	5.8	4.2
100YEAR	POND3	BASE	14.51	26.073	29.500	54518	9.164	14.026	5.9	4.3
100YEAR	POND3	BASE	14.60	26.046	29.500	54152	8.667	13.456	5.9	4.4
100YEAR	POND3	BASE	14.68	26.019	29.500	53790	8.190	12.899	6.0	4.5

TIME NODE SERIES

RECEIVED
JAN 30 2004
D.E.P. - South District

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100YEAR	POND3	BASE	14.76	25.993	29.500	53431	7.736	12.357	6.1	4.6
100YEAR	POND3	BASE	14.85	25.967	29.500	53077	7.308	11.829	6.1	4.6
100YEAR	POND3	BASE	14.93	25.942	29.500	52730	6.915	11.318	6.2	4.7
100YEAR	POND3	BASE	15.01	25.917	29.500	52390	6.546	10.825	6.2	4.8
100YEAR	POND3	BASE	15.10	25.892	29.500	52057	6.196	10.350	6.2	4.9
100YEAR	POND3	BASE	15.18	25.869	29.500	51732	5.862	9.894	6.3	4.9
100YEAR	POND3	BASE	15.26	25.845	29.500	51415	5.551	9.455	6.3	5.0
100YEAR	POND3	BASE	15.35	25.823	29.500	51107	5.261	9.034	6.4	5.1
100YEAR	POND3	BASE	15.43	25.801	29.500	50808	4.993	8.631	6.4	5.1
100YEAR	POND3	BASE	15.51	25.780	29.500	50518	4.765	8.248	6.4	5.2
100YEAR	POND3	BASE	15.60	25.759	29.500	50240	4.578	7.886	6.5	5.3
100YEAR	POND3	BASE	15.68	25.740	29.500	49976	4.430	7.547	6.5	5.3
100YEAR	POND3	BASE	15.76	25.722	29.500	49726	4.291	7.231	6.5	5.4
100YEAR	POND3	BASE	15.85	25.704	29.500	49489	4.164	6.935	6.6	5.4
100YEAR	POND3	BASE	15.93	25.688	29.500	49265	4.053	6.659	6.6	5.5
100YEAR	POND3	BASE	16.01	25.672	29.500	49054	3.953	6.402	6.6	5.5
100YEAR	POND3	BASE	16.26	25.631	29.500	48489	3.701	5.732	6.7	5.6
100YEAR	POND3	BASE	16.51	25.596	29.500	48013	3.491	5.188	6.8	5.7
100YEAR	POND3	BASE	16.76	25.567	29.500	47611	3.313	4.742	6.8	5.8
100YEAR	POND3	BASE	17.01	25.542	29.500	47267	3.148	4.371	6.9	5.9
100YEAR	POND3	BASE	17.26	25.520	29.500	46972	3.028	4.061	7.0	6.0
100YEAR	POND3	BASE	17.51	25.502	29.500	46722	2.940	3.805	7.0	6.1
100YEAR	POND3	BASE	17.76	25.486	29.500	46509	2.828	3.590	7.1	6.2
100YEAR	POND3	BASE	18.01	25.472	29.500	46311	2.667	3.395	7.1	6.2
100YEAR	POND3	BASE	18.26	25.458	29.500	46126	2.571	3.216	7.2	6.3
100YEAR	POND3	BASE	18.51	25.447	29.500	45969	2.542	3.067	7.3	6.4
100YEAR	POND3	BASE	18.76	25.437	29.500	45838	2.474	2.944	7.3	6.4
100YEAR	POND3	BASE	19.01	25.428	29.500	45710	2.348	2.825	7.4	6.5
100YEAR	POND3	BASE	19.26	25.418	29.500	45585	2.274	2.711	7.4	6.6
100YEAR	POND3	BASE	19.51	25.411	29.500	45478	2.260	2.614	7.4	6.6
100YEAR	POND3	BASE	19.76	25.404	29.500	45389	2.229	2.536	7.5	6.7
100YEAR	POND3	BASE	20.01	25.398	29.500	45307	2.165	2.463	7.5	6.7
100YEAR	POND3	BASE	20.26	25.392	29.500	45226	2.091	2.392	7.6	6.8
100YEAR	POND3	BASE	20.51	25.386	29.500	45141	1.999	2.319	7.6	6.8
100YEAR	POND3	BASE	20.76	25.380	29.500	45053	1.928	2.244	7.7	6.9
100YEAR	POND3	BASE	21.01	25.373	29.500	44969	1.879	2.173	7.7	6.9
100YEAR	POND3	BASE	21.26	25.368	29.500	44893	1.845	2.109	7.7	7.0
100YEAR	POND3	BASE	21.51	25.363	29.500	44825	1.820	2.052	7.8	7.0
100YEAR	POND3	BASE	21.76	25.358	29.500	44765	1.800	2.003	7.8	7.0
100YEAR	POND3	BASE	22.01	25.355	29.500	44713	1.784	1.960	7.9	7.1
100YEAR	POND3	BASE	22.26	25.351	29.500	44668	1.773	1.924	7.9	7.1
100YEAR	POND3	BASE	22.51	25.349	29.500	44629	1.764	1.893	7.9	7.2
100YEAR	POND3	BASE	22.76	25.346	29.500	44594	1.732	1.864	8.0	7.2
100YEAR	POND3	BASE	23.01	25.343	29.500	44553	1.671	1.832	8.0	7.2
100YEAR	POND3	BASE	23.26	25.340	29.500	44507	1.624	1.795	8.0	7.3
100YEAR	POND3	BASE	23.51	25.336	29.500	44460	1.590	1.758	8.1	7.3
100YEAR	POND3	BASE	23.76	25.333	29.500	44412	1.542	1.721	8.1	7.3
100YEAR	POND3	BASE	24.01	25.329	29.500	44358	1.464	1.679	8.1	7.4
100YEAR	POND3	BASE	24.26	25.323	29.500	44283	1.274	1.622	8.2	7.4
100YEAR	POND3	BASE	24.51	25.314	29.500	44152	0.940	1.522	8.2	7.5
100YEAR	POND3	BASE	24.76	25.300	29.500	43969	0.682	1.387	8.2	7.5
100YEAR	POND3	BASE	25.01	25.285	29.500	43765	0.504	1.242	8.2	7.5
100YEAR	POND3	BASE	25.26	25.270	29.500	43557	0.374	1.100	8.2	7.5
100YEAR	POND3	BASE	25.51	25.255	29.500	43356	0.278	0.968	8.2	7.6
100YEAR	POND3	BASE	25.76	25.241	29.500	43166	0.205	0.848	8.2	7.6
100YEAR	POND3	BASE	26.01	25.228	29.500	42989	0.144	0.741	8.2	7.6
100YEAR	POND3	BASE	26.26	25.216	29.500	42824	0.096	0.647	8.2	7.6
100YEAR	POND3	BASE	26.51	25.205	29.500	42672	0.059	0.563	8.2	7.6
100YEAR	POND3	BASE	26.76	25.195	29.500	42533	0.033	0.490	8.2	7.6
100YEAR	POND3	BASE	27.01	25.186	29.500	42407	0.017	0.427	8.2	7.6
100YEAR	POND3	BASE	27.26	25.178	29.500	42294	0.006	0.373	8.2	7.6
100YEAR	POND3	BASE	27.51	25.170	29.500	42193	0.001	0.327	8.2	7.7
100YEAR	POND3	BASE	27.76	25.164	29.500	42104	0.000	0.287	8.2	7.7
100YEAR	POND3	BASE	28.01	25.158	29.500	42025	0.000	0.254	8.2	7.7
100YEAR	POND3	BASE	28.26	25.153	29.500	41954	0.000	0.226	8.2	7.7
100YEAR	POND3	BASE	28.51	25.148	29.500	41892	0.000	0.201	8.2	7.7
100YEAR	POND3	BASE	28.76	25.144	29.500	41836	0.000	0.180	8.2	7.7
100YEAR	POND3	BASE	29.01	25.140	29.500	41785	0.000	0.162	8.2	7.7
100YEAR	POND3	BASE	29.26	25.137	29.500	41740	0.000	0.146	8.2	7.7
100YEAR	POND3	BASE	29.51	25.134	29.500	41699	0.000	0.133	8.2	7.7
100YEAR	POND3	BASE	29.76	25.131	29.500	41661	0.000	0.120	8.2	7.7
100YEAR	POND3	BASE	30.01	25.129	29.500	41627	0.000	0.110	8.2	7.7
100YEAR	POND3	BASE	30.26	25.126	29.500	41596	0.000	0.100	8.2	7.7
100YEAR	POND3	BASE	30.51	25.124	29.500	41568	0.000	0.092	8.2	7.7
100YEAR	POND3	BASE	30.76	25.122	29.500	41542	0.000	0.084	8.2	7.7
100YEAR	POND3	BASE	31.01	25.121	29.500	41518	0.000	0.077	8.2	7.7
100YEAR	POND3	BASE	31.26	25.119	29.500	41496	0.000	0.071	8.2	7.7
100YEAR	POND3	BASE	31.51	25.118	29.500	41476	0.000	0.066	8.2	7.7
100YEAR	POND3	BASE	31.76	25.116	29.500	41457	0.000	0.061	8.2	7.7
100YEAR	POND3	BASE	32.01	25.115	29.500	41439	0.000	0.057	8.2	7.7
100YEAR	POND3	BASE	32.26	25.114	29.500	41423	0.000	0.053	8.2	7.7
100YEAR	POND3	BASE	32.51	25.113	29.500	41408	0.000	0.049	8.2	7.7
100YEAR	POND3	BASE	32.76	25.112	29.500	41394	0.000	0.046	8.2	7.7
100YEAR	POND3	BASE	33.01	25.111	29.500	41381	0.000	0.043	8.2	7.7
100YEAR	POND3	BASE	33.26	25.110	29.500	41369	0.000	0.040	8.2	7.7
100YEAR	POND3	BASE	33.51	25.109	29.500	41357	0.000	0.037	8.2	7.7
100YEAR	POND3	BASE	33.76	25.108	29.500	41346	0.000	0.035	8.2	7.7
100YEAR	POND3	BASE	34.01	25.107	29.500	41336	0.000	0.033	8.2	7.7
100YEAR	POND3	BASE	34.26	25.107	29.500	41327	0.000	0.031	8.2	7.7
100YEAR	POND3	BASE	34.51	25.106	29.500	41318	0.000	0.029	8.2	7.7
100YEAR	POND3	BASE	34.76	25.105	29.500	41309	0.000	0.028	8.2	7.7
100YEAR	POND3	BASE	35.01	25.105	29.500	41301	0.000	0.026	8.2	7.7
100YEAR	POND3	BASE	35.26	25.104	29.500	41294	0.000	0.025	8.2	7.7
100YEAR	POND3	BASE	35.51	25.104	29.500	41287	0.000	0.023	8.2	7.7
100YEAR	POND3	BASE	35.76	25.103	29.500	41280	0.000	0.022	8.2	7.7

TIME NODE SERIES

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D.E.P. - South District

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100YEAR	POND3	BASE	36.01	25.103	29.500	41274	0.000	0.021	8.2	7.7
100YEAR	POND4	BASE	0.00	24.500	29.500	113461	0.000	0.000	0.0	0.0
100YEAR	POND4	BASE	0.51	24.500	29.500	113461	0.000	0.000	0.0	0.0
100YEAR	POND4	BASE	1.01	24.500	29.500	113461	0.000	0.000	0.0	0.0
100YEAR	POND4	BASE	1.51	24.500	29.500	113461	0.000	0.000	0.0	0.0
100YEAR	POND4	BASE	2.01	24.500	29.500	113461	0.000	0.000	0.0	0.0
100YEAR	POND4	BASE	2.51	24.500	29.500	113461	0.000	0.000	0.0	0.0
100YEAR	POND4	BASE	3.01	24.500	29.500	113461	0.000	0.000	0.0	0.0
100YEAR	POND4	BASE	3.51	24.500	29.500	113461	0.000	0.000	0.0	0.0
100YEAR	POND4	BASE	4.01	24.500	29.500	113468	0.055	0.000	0.0	0.0
100YEAR	POND4	BASE	4.51	24.503	29.500	113568	0.375	0.000	0.0	0.0
100YEAR	POND4	BASE	5.01	24.513	29.500	113891	0.874	0.000	0.0	0.0
100YEAR	POND4	BASE	5.51	24.531	29.500	114498	1.478	0.000	0.1	0.0
100YEAR	POND4	BASE	6.01	24.560	29.500	115429	2.123	0.000	0.2	0.0
100YEAR	POND4	BASE	6.51	24.599	29.500	116715	2.949	0.000	0.3	0.0
100YEAR	POND4	BASE	7.01	24.650	29.500	118428	3.812	0.000	0.4	0.0
100YEAR	POND4	BASE	7.51	24.715	29.500	120567	4.840	0.000	0.6	0.0
100YEAR	POND4	BASE	8.01	24.794	29.500	123182	5.853	0.000	0.8	0.0
100YEAR	POND4	BASE	8.51	24.887	29.500	126256	7.138	0.000	1.1	0.0
100YEAR	POND4	BASE	9.01	24.999	29.500	129947	8.840	0.000	1.4	0.0
100YEAR	POND4	BASE	9.51	25.132	29.500	134328	10.629	0.000	1.8	0.0
100YEAR	POND4	BASE	10.01	25.286	29.500	139409	12.918	0.000	2.3	0.0
100YEAR	POND4	BASE	10.51	25.469	29.500	145405	16.424	0.412	2.9	0.0
100YEAR	POND4	BASE	11.01	25.674	29.500	151997	21.654	3.911	3.7	0.1
100YEAR	POND4	BASE	11.51	25.889	29.500	158881	30.721	9.533	4.8	0.4
100YEAR	POND4	BASE	11.60	25.932	29.500	160281	36.210	10.865	5.0	0.4
100YEAR	POND4	BASE	11.68	25.985	29.500	161989	44.609	12.567	5.3	0.5
100YEAR	POND4	BASE	11.76	26.053	29.500	164174	57.190	14.861	5.6	0.6
100YEAR	POND4	BASE	11.85	26.144	29.500	167071	75.299	18.093	6.1	0.7
100YEAR	POND4	BASE	11.93	26.261	29.500	170844	97.374	22.610	6.7	0.9
100YEAR	POND4	BASE	12.01	26.408	29.500	175560	122.444	28.707	7.4	1.1
100YEAR	POND4	BASE	12.10	26.582	29.500	181138	147.502	36.520	8.4	1.3
100YEAR	POND4	BASE	12.18	26.774	29.500	187319	168.719	45.878	9.5	1.6
100YEAR	POND4	BASE	12.26	26.972	29.500	193687	182.250	56.238	10.7	1.9
100YEAR	POND4	BASE	12.35	27.161	29.500	199748	186.016	66.729	11.9	2.3
100YEAR	POND4	BASE	12.43	27.330	29.500	205186	184.248	76.640	13.2	2.8
100YEAR	POND4	BASE	12.51	27.476	29.500	209879	178.644	85.551	14.5	3.4
100YEAR	POND4	BASE	12.60	27.597	29.500	213756	169.693	93.156	15.7	4.0
100YEAR	POND4	BASE	12.68	27.693	29.500	216833	159.820	99.343	16.8	4.7
100YEAR	POND4	BASE	12.76	27.766	29.500	219186	149.915	104.165	17.9	5.4
100YEAR	POND4	BASE	12.85	27.820	29.500	220905	140.401	107.734	18.9	6.1
100YEAR	POND4	BASE	12.93	27.856	29.500	222081	131.570	110.199	19.8	6.8
100YEAR	POND4	BASE	13.01	27.878	29.500	222791	123.187	111.696	20.7	7.6
100YEAR	POND4	BASE	13.10	27.888	29.500	223103	115.474	112.357	21.5	8.4
100YEAR	POND4	BASE	13.18	27.888	29.500	223083	108.424	112.313	22.3	9.2
100YEAR	POND4	BASE	13.26	27.878	29.500	222783	101.943	111.680	23.0	9.9
100YEAR	POND4	BASE	13.35	27.862	29.500	222252	96.011	110.558	23.7	10.7
100YEAR	POND4	BASE	13.43	27.839	29.500	221531	90.705	109.044	24.3	11.4
100YEAR	POND4	BASE	13.51	27.812	29.500	220665	86.104	107.232	24.9	12.2
100YEAR	POND4	BASE	13.60	27.782	29.500	219692	82.163	105.210	25.5	12.9
100YEAR	POND4	BASE	13.68	27.749	29.500	218644	78.678	103.047	26.1	13.6
100YEAR	POND4	BASE	13.76	27.715	29.500	217540	75.412	100.784	26.6	14.3
100YEAR	POND4	BASE	13.85	27.679	29.500	216390	72.286	98.445	27.1	15.0
100YEAR	POND4	BASE	13.93	27.642	29.500	215203	69.306	96.050	27.6	15.7
100YEAR	POND4	BASE	14.01	27.604	29.500	213987	66.444	93.617	28.0	16.4
100YEAR	POND4	BASE	14.10	27.566	29.500	212748	63.671	91.158	28.5	17.0
100YEAR	POND4	BASE	14.18	27.527	29.500	211488	60.952	88.682	28.9	17.6
100YEAR	POND4	BASE	14.26	27.487	29.500	210211	58.248	86.194	29.3	18.2
100YEAR	POND4	BASE	14.35	27.446	29.500	208916	55.554	83.696	29.7	18.8
100YEAR	POND4	BASE	14.43	27.406	29.500	207605	52.899	81.193	30.1	19.4
100YEAR	POND4	BASE	14.51	27.364	29.500	206280	50.295	78.688	30.5	19.9
100YEAR	POND4	BASE	14.60	27.323	29.500	204943	47.752	76.187	30.8	20.4
100YEAR	POND4	BASE	14.68	27.281	29.500	203597	45.280	73.696	31.1	21.0
100YEAR	POND4	BASE	14.76	27.239	29.500	202243	42.868	71.220	31.4	21.5
100YEAR	POND4	BASE	14.85	27.196	29.500	200885	40.545	68.765	31.7	21.9
100YEAR	POND4	BASE	14.93	27.154	29.500	199528	38.380	66.338	32.0	22.4
100YEAR	POND4	BASE	15.01	27.112	29.500	198177	36.400	63.954	32.2	22.9
100YEAR	POND4	BASE	15.10	27.070	29.500	196840	34.575	61.622	32.5	23.3
100YEAR	POND4	BASE	15.18	27.029	29.500	195520	32.853	59.348	32.7	23.7
100YEAR	POND4	BASE	15.26	26.989	29.500	194219	31.205	57.135	32.9	24.1
100YEAR	POND4	BASE	15.35	26.949	29.500	192938	29.615	54.983	33.1	24.5
100YEAR	POND4	BASE	15.43	26.910	29.500	191677	28.129	52.892	33.3	24.9
100YEAR	POND4	BASE	15.51	26.871	29.500	190440	26.749	50.868	33.5	25.2
100YEAR	POND4	BASE	15.60	26.833	29.500	189228	25.451	48.909	33.7	25.6
100YEAR	POND4	BASE	15.68	26.797	29.500	188043	24.296	47.021	33.9	25.9
100YEAR	POND4	BASE	15.76	26.761	29.500	186892	23.306	45.209	34.0	26.2
100YEAR	POND4	BASE	15.85	26.726	29.500	185779	22.502	43.481	34.2	26.5
100YEAR	POND4	BASE	15.93	26.693	29.500	184708	21.778	41.839	34.4	26.8
100YEAR	POND4	BASE	16.01	26.661	29.500	183679	21.150	40.281	34.5	27.1
100YEAR	POND4	BASE	16.26	26.573	29.500	180856	19.697	36.110	34.9	27.9
100YEAR	POND4	BASE	16.51	26.496	29.500	178399	18.534	32.605	35.3	28.6
100YEAR	POND4	BASE	16.76	26.430	29.500	176265	17.564	29.660	35.7	29.2
100YEAR	POND4	BASE	17.01	26.372	29.500	174400	16.671	27.162	36.0	29.8
100YEAR	POND4	BASE	17.26	26.321	29.500	172769	15.999	25.041	36.4	30.4
100YEAR	POND4	BASE	17.51	26.277	29.500	171358	15.512	23.251	36.7	30.9
100YEAR	POND4	BASE	17.76	26.239	29.500	170130	14.919	21.729	37.0	31.3
100YEAR	POND4	BASE	18.01	26.204	29.500	169012	14.102	20.375	37.3	31.8
100YEAR	POND4	BASE	18.26	26.172	29.500	167987	13.564	19.159	37.6	32.2
100YEAR	POND4	BASE	18.51	26.144	29.500	167093	13.372	18.119	37.9	32.6
100YEAR	POND4	BASE	18.76	26.120	29.500	166321	13.025	17.237	38.2	32.9
100YEAR	POND4	BASE	19.01	26.098	29.500	165601	12.381	16.426	38.4	33.3
100YEAR	POND4	BASE	19.26	26.076	29.500	164917	11.971	15.669	38.7	33.6
100YEAR	POND4	BASE	19.51	26.058	29.500	164315	11.877	15.013	38.9	33.9
100YEAR	POND4	BASE	19.76	26.042	29.500	163799	11.714	14.458	39.2	34.2

TIME NODE SERIES

RECEIVED
JAN 30 2004
D.E.P. - South District

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100YEAR	POND4	BASE	20.01	26.027	29.500	163329	11.384	13.958	39.4	34.5
100YEAR	POND4	BASE	20.26	26.013	29.500	162881	11.003	13.488	39.6	34.8
100YEAR	POND4	BASE	20.51	25.999	29.500	162437	10.529	13.026	39.9	35.1
100YEAR	POND4	BASE	20.76	25.985	29.500	161996	10.150	12.574	40.1	35.3
100YEAR	POND4	BASE	21.01	25.972	29.500	161575	9.884	12.147	40.3	35.6
100YEAR	POND4	BASE	21.26	25.960	29.500	161186	9.695	11.757	40.5	35.8
100YEAR	POND4	BASE	21.51	25.949	29.500	160834	9.559	11.407	40.7	36.1
100YEAR	POND4	BASE	21.76	25.940	29.500	160520	9.455	11.098	40.9	36.3
100YEAR	POND4	BASE	22.01	25.931	29.500	160239	9.366	10.825	41.1	36.5
100YEAR	POND4	BASE	22.26	25.923	29.500	159991	9.298	10.585	41.3	36.8
100YEAR	POND4	BASE	22.51	25.916	29.500	159773	9.245	10.375	41.4	37.0
100YEAR	POND4	BASE	22.76	25.910	29.500	159574	9.088	10.185	41.6	37.2
100YEAR	POND4	BASE	23.01	25.904	29.500	159364	8.781	9.987	41.8	37.4
100YEAR	POND4	BASE	23.26	25.897	29.500	159140	8.527	9.775	42.0	37.6
100YEAR	POND4	BASE	23.51	25.890	29.500	158915	8.347	9.565	42.2	37.8
100YEAR	POND4	BASE	23.76	25.883	29.500	158691	8.099	9.357	42.3	38.0
100YEAR	POND4	BASE	24.01	25.875	29.500	158446	7.700	9.132	42.5	38.2
100YEAR	POND4	BASE	24.26	25.865	29.500	158136	6.747	8.849	42.7	38.4
100YEAR	POND4	BASE	24.51	25.850	29.500	157633	5.060	8.396	42.8	38.6
100YEAR	POND4	BASE	24.76	25.828	29.500	156942	3.719	7.787	42.9	38.7
100YEAR	POND4	BASE	25.01	25.804	29.500	156161	2.789	7.118	42.9	38.9
100YEAR	POND4	BASE	25.26	25.779	29.500	155351	2.099	6.445	43.0	39.0
100YEAR	POND4	BASE	25.51	25.754	29.500	154548	1.579	5.801	43.0	39.1
100YEAR	POND4	BASE	25.76	25.729	29.500	153774	1.189	5.201	43.1	39.3
100YEAR	POND4	BASE	26.01	25.707	29.500	153037	0.865	4.651	43.1	39.4
100YEAR	POND4	BASE	26.26	25.685	29.500	152341	0.600	4.151	43.1	39.4
100YEAR	POND4	BASE	26.51	25.665	29.500	151688	0.392	3.699	43.1	39.5
100YEAR	POND4	BASE	26.76	25.646	29.500	151079	0.236	3.293	43.1	39.6
100YEAR	POND4	BASE	27.01	25.628	29.500	150516	0.130	2.933	43.1	39.7
100YEAR	POND4	BASE	27.26	25.612	29.500	150000	0.061	2.615	43.1	39.7
100YEAR	POND4	BASE	27.51	25.597	29.500	149530	0.019	2.335	43.1	39.8
100YEAR	POND4	BASE	27.76	25.584	29.500	149102	0.000	2.091	43.1	39.8
100YEAR	POND4	BASE	28.01	25.572	29.500	148717	0.000	1.879	43.1	39.9
100YEAR	POND4	BASE	28.26	25.561	29.500	148369	0.000	1.694	43.1	39.9
100YEAR	POND4	BASE	28.51	25.551	29.500	148055	0.000	1.532	43.1	39.9
100YEAR	POND4	BASE	28.76	25.543	29.500	147769	0.000	1.389	43.1	40.0
100YEAR	POND4	BASE	29.01	25.534	29.500	147509	0.000	1.264	43.1	40.0
100YEAR	POND4	BASE	29.26	25.527	29.500	147272	0.000	1.153	43.1	40.0
100YEAR	POND4	BASE	29.51	25.520	29.500	147055	0.000	1.055	43.1	40.0
100YEAR	POND4	BASE	29.76	25.514	29.500	146856	0.000	0.967	43.1	40.1
100YEAR	POND4	BASE	30.01	25.508	29.500	146673	0.000	0.889	43.1	40.1
100YEAR	POND4	BASE	30.26	25.503	29.500	146505	0.000	0.819	43.1	40.1
100YEAR	POND4	BASE	30.51	25.498	29.500	146349	0.000	0.756	43.1	40.1
100YEAR	POND4	BASE	30.76	25.494	29.500	146205	0.000	0.699	43.1	40.1
100YEAR	POND4	BASE	31.01	25.490	29.500	146072	0.000	0.648	43.1	40.1
100YEAR	POND4	BASE	31.26	25.486	29.500	145948	0.000	0.601	43.1	40.2
100YEAR	POND4	BASE	31.51	25.482	29.500	145833	0.000	0.559	43.1	40.2
100YEAR	POND4	BASE	31.76	25.479	29.500	145726	0.000	0.521	43.1	40.2
100YEAR	POND4	BASE	32.01	25.476	29.500	145626	0.000	0.486	43.1	40.2
100YEAR	POND4	BASE	32.26	25.473	29.500	145533	0.000	0.454	43.1	40.2
100YEAR	POND4	BASE	32.51	25.470	29.500	145445	0.000	0.425	43.1	40.2
100YEAR	POND4	BASE	32.76	25.468	29.500	145363	0.000	0.398	43.1	40.2
100YEAR	POND4	BASE	33.01	25.465	29.500	145286	0.000	0.374	43.1	40.2
100YEAR	POND4	BASE	33.26	25.463	29.500	145214	0.000	0.351	43.1	40.2
100YEAR	POND4	BASE	33.51	25.461	29.500	145146	0.000	0.330	43.1	40.2
100YEAR	POND4	BASE	33.76	25.459	29.500	145082	0.000	0.311	43.1	40.2
100YEAR	POND4	BASE	34.01	25.457	29.500	145022	0.000	0.293	43.1	40.2
100YEAR	POND4	BASE	34.26	25.455	29.500	144965	0.000	0.277	43.1	40.3
100YEAR	POND4	BASE	34.51	25.454	29.500	144912	0.000	0.262	43.1	40.3
100YEAR	POND4	BASE	34.76	25.452	29.500	144861	0.000	0.248	43.1	40.3
100YEAR	POND4	BASE	35.01	25.450	29.500	144813	0.000	0.234	43.1	40.3
100YEAR	POND4	BASE	35.26	25.449	29.500	144767	0.000	0.222	43.1	40.3
100YEAR	POND4	BASE	35.51	25.448	29.500	144724	0.000	0.211	43.1	40.3
100YEAR	POND4	BASE	35.76	25.446	29.500	144683	0.000	0.200	43.1	40.3
100YEAR	POND4	BASE	36.01	25.445	29.500	144646	0.000	0.191	43.1	40.3
100YEAR	POND5	BASE	0.00	24.500	29.500	130358	0.000	0.000	0.0	0.0
100YEAR	POND5	BASE	0.51	24.500	29.500	130358	0.000	0.000	0.0	0.0
100YEAR	POND5	BASE	1.01	24.500	29.500	130358	0.000	0.000	0.0	0.0
100YEAR	POND5	BASE	1.51	24.500	29.500	130358	0.000	0.000	0.0	0.0
100YEAR	POND5	BASE	2.01	24.500	29.500	130358	0.000	0.000	0.0	0.0
100YEAR	POND5	BASE	2.51	24.500	29.500	130358	0.000	0.000	0.0	0.0
100YEAR	POND5	BASE	3.01	24.500	29.500	130358	0.000	0.000	0.0	0.0
100YEAR	POND5	BASE	3.51	24.500	29.500	130358	0.000	0.000	0.0	0.0
100YEAR	POND5	BASE	4.01	24.500	29.500	130359	0.025	0.000	0.0	0.0
100YEAR	POND5	BASE	4.51	24.501	29.500	130378	0.169	0.000	0.0	0.0
100YEAR	POND5	BASE	5.01	24.505	29.500	130440	0.393	0.000	0.0	0.0
100YEAR	POND5	BASE	5.51	24.512	29.500	130558	0.664	0.000	0.0	0.0
100YEAR	POND5	BASE	6.01	24.523	29.500	130739	0.954	0.000	0.1	0.0
100YEAR	POND5	BASE	6.51	24.539	29.500	130991	1.326	0.000	0.1	0.0
100YEAR	POND5	BASE	7.01	24.560	29.500	131330	1.713	0.000	0.2	0.0
100YEAR	POND5	BASE	7.51	24.586	29.500	131760	2.175	0.000	0.3	0.0
100YEAR	POND5	BASE	8.01	24.619	29.500	132293	2.631	0.000	0.4	0.0
100YEAR	POND5	BASE	8.51	24.659	29.500	132932	3.208	0.000	0.5	0.0
100YEAR	POND5	BASE	9.01	24.707	29.500	133715	3.973	0.000	0.6	0.0
100YEAR	POND5	BASE	9.51	24.765	29.500	134668	4.777	0.000	0.8	0.0
100YEAR	POND5	BASE	10.01	24.835	29.500	135805	5.806	0.000	1.0	0.0
100YEAR	POND5	BASE	10.51	24.922	29.500	137253	7.382	0.017	1.3	0.0
100YEAR	POND5	BASE	11.01	25.031	29.500	139273	9.733	0.252	1.7	0.0
100YEAR	POND5	BASE	11.51	25.168	29.500	141831	13.808	0.742	2.1	0.0
100YEAR	POND5	BASE	11.60	25.198	29.500	142385	16.275	0.869	2.2	0.0
100YEAR	POND5	BASE	11.68	25.234	29.500	143052	20.050	1.031	2.4	0.0
100YEAR	POND5	BASE	11.76	25.279	29.500	143889	25.705	1.247	2.5	0.0
100YEAR	POND5	BASE	11.85	25.338	29.500	144979	33.844	1.547	2.7	0.1
100YEAR	POND5	BASE	11.93	25.414	29.500	146391	43.766	1.968	3.0	0.1

TIME NODE SERIES

RECEIVED
FEB 20 2004
S.F.W.M.D. - South District

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100YEAR	POND5	BASE	12.01	25.511	29.500	148174	55.034	2.544	3.3	0.1
100YEAR	POND5	BASE	12.10	25.627	29.500	150333	66.297	3.306	3.8	0.1
100YEAR	POND5	BASE	12.18	25.761	29.500	152814	75.833	4.260	4.2	0.1
100YEAR	POND5	BASE	12.26	25.906	29.500	155503	81.915	5.380	4.8	0.2
100YEAR	POND5	BASE	12.35	26.053	29.500	158236	83.607	6.605	5.4	0.2
100YEAR	POND5	BASE	12.43	26.197	29.500	160893	82.813	7.874	5.9	0.3
100YEAR	POND5	BASE	12.51	26.332	29.500	163407	80.294	9.140	6.5	0.3
100YEAR	POND5	BASE	12.60	26.457	29.500	165728	76.271	10.365	7.0	0.4
100YEAR	POND5	BASE	12.68	26.571	29.500	167836	71.833	11.520	7.5	0.5
100YEAR	POND5	BASE	12.76	26.673	29.500	169735	67.381	12.595	8.0	0.5
100YEAR	POND5	BASE	12.85	26.765	29.500	171437	63.105	13.586	8.5	0.6
100YEAR	POND5	BASE	12.93	26.847	29.500	172960	59.136	14.493	8.9	0.7
100YEAR	POND5	BASE	13.01	26.921	29.500	174317	55.368	15.318	9.3	0.8
100YEAR	POND5	BASE	13.10	26.986	29.500	175525	51.901	16.064	9.7	0.9
100YEAR	POND5	BASE	13.18	27.043	29.500	176597	48.732	16.737	10.0	1.0
100YEAR	POND5	BASE	13.26	27.095	29.500	177548	45.820	17.341	10.3	1.2
100YEAR	POND5	BASE	13.35	27.140	29.500	178388	43.153	17.881	10.6	1.3
100YEAR	POND5	BASE	13.43	27.180	29.500	179130	40.768	18.362	10.9	1.4
100YEAR	POND5	BASE	13.51	27.215	29.500	179786	38.700	18.791	11.2	1.5
100YEAR	POND5	BASE	13.60	27.247	29.500	180368	36.929	19.174	11.5	1.7
100YEAR	POND5	BASE	13.68	27.275	29.500	180885	35.363	19.517	11.7	1.8
100YEAR	POND5	BASE	13.76	27.300	29.500	181345	33.895	19.824	11.9	1.9
100YEAR	POND5	BASE	13.85	27.321	29.500	181751	32.490	20.095	12.2	2.1
100YEAR	POND5	BASE	13.93	27.341	29.500	182106	31.150	20.334	12.4	2.2
100YEAR	POND5	BASE	14.01	27.357	29.500	182413	29.864	20.542	12.6	2.4
100YEAR	POND5	BASE	14.10	27.371	29.500	182676	28.618	20.720	12.8	2.5
100YEAR	POND5	BASE	14.18	27.383	29.500	182895	27.396	20.869	13.0	2.6
100YEAR	POND5	BASE	14.26	27.393	29.500	183074	26.180	20.990	13.2	2.8
100YEAR	POND5	BASE	14.35	27.400	29.500	183212	24.969	21.084	13.4	2.9
100YEAR	POND5	BASE	14.43	27.406	29.500	183310	23.776	21.151	13.5	3.1
100YEAR	POND5	BASE	14.51	27.409	29.500	183372	22.606	21.193	13.7	3.2
100YEAR	POND5	BASE	14.60	27.410	29.500	183397	21.463	21.210	13.8	3.4
100YEAR	POND5	BASE	14.68	27.410	29.500	183388	20.352	21.204	14.0	3.5
100YEAR	POND5	BASE	14.76	27.407	29.500	183345	19.268	21.175	14.1	3.7
100YEAR	POND5	BASE	14.85	27.403	29.500	183272	18.224	21.125	14.2	3.8
100YEAR	POND5	BASE	14.93	27.398	29.500	183170	17.250	21.056	14.4	4.0
100YEAR	POND5	BASE	15.01	27.391	29.500	183042	16.361	20.968	14.5	4.1
100YEAR	POND5	BASE	15.10	27.383	29.500	182891	15.540	20.866	14.6	4.2
100YEAR	POND5	BASE	15.18	27.374	29.500	182718	14.766	20.748	14.7	4.4
100YEAR	POND5	BASE	15.26	27.363	29.500	182527	14.025	20.618	14.8	4.5
100YEAR	POND5	BASE	15.35	27.352	29.500	182316	13.311	20.476	14.9	4.7
100YEAR	POND5	BASE	15.43	27.340	29.500	182090	12.643	20.323	15.0	4.8
100YEAR	POND5	BASE	15.51	27.327	29.500	181847	12.023	20.160	15.1	4.9
100YEAR	POND5	BASE	15.60	27.313	29.500	181592	11.439	19.989	15.1	5.1
100YEAR	POND5	BASE	15.68	27.298	29.500	181324	10.920	19.809	15.2	5.2
100YEAR	POND5	BASE	15.76	27.283	29.500	181047	10.475	19.624	15.3	5.4
100YEAR	POND5	BASE	15.85	27.268	29.500	180762	10.114	19.435	15.4	5.5
100YEAR	POND5	BASE	15.93	27.252	29.500	180473	9.788	19.243	15.4	5.6
100YEAR	POND5	BASE	16.01	27.237	29.500	180179	9.506	19.050	15.5	5.8
100YEAR	POND5	BASE	16.26	27.189	29.500	179288	8.853	18.465	15.7	6.1
100YEAR	POND5	BASE	16.51	27.140	29.500	178392	8.330	17.883	15.9	6.5
100YEAR	POND5	BASE	16.76	27.092	29.500	177502	7.894	17.311	16.0	6.9
100YEAR	POND5	BASE	17.01	27.045	29.500	176620	7.493	16.751	16.2	7.2
100YEAR	POND5	BASE	17.26	26.998	29.500	175753	7.191	16.207	16.4	7.6
100YEAR	POND5	BASE	17.51	26.952	29.500	174909	6.972	15.682	16.5	7.9
100YEAR	POND5	BASE	17.76	26.908	29.500	174088	6.705	15.177	16.6	8.2
100YEAR	POND5	BASE	18.01	26.865	29.500	173279	6.338	14.685	16.8	8.5
100YEAR	POND5	BASE	18.26	26.822	29.500	172483	6.097	14.206	16.9	8.8
100YEAR	POND5	BASE	18.51	26.780	29.500	171713	6.010	13.749	17.0	9.1
100YEAR	POND5	BASE	18.76	26.740	29.500	170974	5.854	13.314	17.1	9.4
100YEAR	POND5	BASE	19.01	26.701	29.500	170250	5.565	12.892	17.3	9.7
100YEAR	POND5	BASE	19.26	26.663	29.500	169540	5.380	12.483	17.4	9.9
100YEAR	POND5	BASE	19.51	26.626	29.500	168856	5.338	12.093	17.5	10.2
100YEAR	POND5	BASE	19.76	26.591	29.500	168202	5.265	11.724	17.6	10.4
100YEAR	POND5	BASE	20.01	26.557	29.500	167569	5.117	11.372	17.7	10.7
100YEAR	POND5	BASE	20.26	26.523	29.500	166954	4.945	11.031	17.8	10.9
100YEAR	POND5	BASE	20.51	26.491	29.500	166350	4.733	10.701	17.9	11.1
100YEAR	POND5	BASE	20.76	26.459	29.500	165757	4.562	10.380	18.0	11.3
100YEAR	POND5	BASE	21.01	26.428	29.500	165179	4.443	10.070	18.1	11.6
100YEAR	POND5	BASE	21.26	26.397	29.500	164619	4.358	9.773	18.2	11.8
100YEAR	POND5	BASE	21.51	26.368	29.500	164080	4.296	9.490	18.3	12.0
100YEAR	POND5	BASE	21.76	26.340	29.500	163562	4.250	9.220	18.4	12.2
100YEAR	POND5	BASE	22.01	26.314	29.500	163065	4.210	8.964	18.5	12.3
100YEAR	POND5	BASE	22.26	26.288	29.500	162588	4.179	8.721	18.5	12.5
100YEAR	POND5	BASE	22.51	26.263	29.500	162132	4.155	8.490	18.6	12.7
100YEAR	POND5	BASE	22.76	26.240	29.500	161693	4.085	8.270	18.7	12.9
100YEAR	POND5	BASE	23.01	26.217	29.500	161264	3.947	8.057	18.8	13.0
100YEAR	POND5	BASE	23.26	26.194	29.500	160843	3.833	7.849	18.9	13.2
100YEAR	POND5	BASE	23.51	26.172	29.500	160431	3.751	7.648	19.0	13.4
100YEAR	POND5	BASE	23.76	26.150	29.500	160030	3.640	7.453	19.0	13.5
100YEAR	POND5	BASE	24.01	26.129	29.500	159633	3.461	7.263	19.1	13.7
100YEAR	POND5	BASE	24.26	26.107	29.500	159226	3.033	7.069	19.2	13.8
100YEAR	POND5	BASE	24.51	26.082	29.500	158773	2.274	6.855	19.2	14.0
100YEAR	POND5	BASE	24.76	26.055	29.500	158269	1.672	6.620	19.3	14.1
100YEAR	POND5	BASE	25.01	26.026	29.500	157736	1.254	6.375	19.3	14.2
100YEAR	POND5	BASE	25.26	25.997	29.500	157188	0.943	6.126	19.3	14.4
100YEAR	POND5	BASE	25.51	25.967	29.500	156637	0.710	5.878	19.3	14.5
100YEAR	POND5	BASE	25.76	25.937	29.500	156088	0.534	5.635	19.4	14.6
100YEAR	POND5	BASE	26.01	25.908	29.500	155546	0.389	5.399	19.4	14.7
100YEAR	POND5	BASE	26.26	25.879	29.500	155013	0.270	5.170	19.4	14.8
100YEAR	POND5	BASE	26.51	25.851	29.500	154491	0.176	4.948	19.4	14.9
100YEAR	POND5	BASE	26.76	25.824	29.500	153982	0.106	4.736	19.4	15.0
100YEAR	POND5	BASE	27.01	25.797	29.500	153488	0.058	4.532	19.4	15.1
100YEAR	POND5	BASE	27.26	25.771	29.500	153009	0.028	4.338	19.4	15.2
100YEAR	POND5	BASE	27.51	25.746	29.500	152547	0.008	4.153	19.4	15.3

TIME NODE SERIES

RECEIVED
JAN 30 2004
D.E.P. - South District