

Subsection: Interconnected Pond Routing Summary
 Label: DB-1

Return Event: 2 years
 Storm Event: 2 Year

Infiltration					
Infiltration Method (Computed)	No Infiltration				
Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	354.30	ft	Flow Tolerance (Minimum)	0.000	ft ³ /s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft ³ /s	ICPM Time Step	0.010	hours

Maximum Storage		
Time to Peak (hours)	Elevation (ft)	Volume (ac-ft)
19.240	355.52	0.106

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (hours)	Flow (Peak) (ft ³ /s)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Pond Inflow....	12.150	1.98	0.000	0.00
Pond Outflow...	19.310	0.01	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.162	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.002	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.249 ac-ft
Volume (Total Out ICPM)	0.146 ac-ft
Volume (Ending)	0.102 ac-ft
Elevation (Ending)	355.50 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.0 %

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Return Event: 10 years
 Storm Event: 10 Year

Infiltration					
Infiltration Method (Computed)	No Infiltration				
Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	354.30	ft	Flow Tolerance (Minimum)	0.000	ft ³ /s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft ³ /s	ICPM Time Step	0.010	hours

Maximum Storage		
Time to Peak (hours)	Elevation (ft)	Volume (ac-ft)
15.930	356.19	0.208

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (hours)	Flow (Peak) (ft ³ /s)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Pond Inflow....	12.100	2.33	0.000	0.00
Pond Outflow...	15.970	0.17	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.357	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.150	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.482 ac-ft
Volume (Total Out ICPM)	0.318 ac-ft
Volume (Ending)	0.164 ac-ft
Elevation (Ending)	355.93 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.0 %

Subsection: Interconnected Pond Routing Summary
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Return Event: 25 years
 Storm Event: 25 Year

Infiltration					
Infiltration Method (Computed)	No Infiltration				
Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	354.30	ft	Flow Tolerance (Minimum)	0.000	ft ³ /s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft ³ /s	ICPM Time Step	0.010	hours

Maximum Storage		
Time to Peak (hours)	Elevation (ft)	Volume (ac-ft)
15.950	356.76	0.310

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (hours)	Flow (Peak) (ft ³ /s)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Pond Inflow....	12.130	3.06	0.000	0.00
Pond Outflow...	15.970	0.25	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.493	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.227	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.680 ac-ft
Volume (Total Out ICPM)	0.432 ac-ft
Volume (Ending)	0.248 ac-ft
Elevation (Ending)	356.41 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.0 %

Subsection: Interconnected Pond Routing Summary
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Return Event: 50 years
 Storm Event: 50 Year

Infiltration					
Infiltration Method (Computed)	No Infiltration				
Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	354.30	ft	Flow Tolerance (Minimum)	0.000	ft ³ /s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft ³ /s	ICPM Time Step	0.010	hours

Maximum Storage		
Time to Peak (hours)	Elevation (ft)	Volume (ac-ft)
16.040	357.28	0.414

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (hours)	Flow (Peak) (ft ³ /s)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Pond Inflow....	12.140	3.80	0.000	0.00
Pond Outflow...	16.090	0.30	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.614	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.284	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.871 ac-ft
Volume (Total Out ICPM)	0.530 ac-ft
Volume (Ending)	0.341 ac-ft
Elevation (Ending)	356.93 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.0 %

Subsection: Interconnected Pond Routing Summary
 Label: DB-1

Return Event: 100 years
 Storm Event: 100 Year

Infiltration					
Infiltration Method (Computed)	No Infiltration				
Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	354.30	ft	Flow Tolerance (Minimum)	0.000	ft ³ /s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft ³ /s	ICPM Time Step	0.010	hours

Maximum Storage		
Time to Peak (hours)	Elevation (ft)	Volume (ac-ft)
13.400	357.59	0.481

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (hours)	Flow (Peak) (ft ³ /s)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Pond Inflow....	12.120	4.85	0.000	0.00
Pond Outflow...	13.430	1.11	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.820	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.446	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	1.108 ac-ft
Volume (Total Out ICPM)	0.706 ac-ft
Volume (Ending)	0.402 ac-ft
Elevation (Ending)	357.22 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.0 %

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Return Event: 2 years
 Storm Event: 2 Year

Infiltration					
Infiltration Method (Computed)	Average Infiltration Rate				
Infiltration Rate (Average)	1.0000 in/h				

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	354.00	ft	Flow Tolerance (Minimum)	0.000	ft ³ /s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft ³ /s	ICPM Time Step	0.010	hours
Outflow (Starting)	0.00	ft ³ /s	Output Increment	0.010	hours

Time to Peak (hours)	Maximum Storage	
	Elevation (ft)	Volume (ac-ft)
19.230	355.52	0.090

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (hours)	Flow (Peak) (ft ³ /s)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Pond Inflow....	12.150	1.98	0.000	0.00
Infiltration...	19.300	0.00	0.000	0.00
Pond Outflow...	19.310	0.01	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.162	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.071	Forward
Pond Outflow...	0.000	Reverse	0.002	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.162 ac-ft
Volume (Total Out ICPM)	0.073 ac-ft
Volume (Ending)	0.088 ac-ft
Elevation (Ending)	355.50 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.0 %

Subsection: Interconnected Pond Routing Summary
 Label: IF-1

Return Event: 10 years
 Storm Event: 10 Year

Infiltration					
Infiltration Method (Computed)	Average Infiltration Rate				
Infiltration Rate (Average)	1.0000 in/h				

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	354.00	ft	Flow Tolerance (Minimum)	0.000	ft ³ /s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft ³ /s	ICPM Time Step	0.010	hours
Outflow (Starting)	0.00	ft ³ /s	Output Increment	0.010	hours

Time to Peak (hours)	Maximum Storage	
	Elevation (ft)	Volume (ac-ft)
15.950	356.18	0.140

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (hours)	Flow (Peak) (ft ³ /s)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Pond Inflow....	12.100	2.33	0.000	0.00
Infiltration...	15.970	0.00	0.000	0.00
Pond Outflow...	15.970	0.17	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.357	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.089	Forward
Pond Outflow...	0.000	Reverse	0.150	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.357 ac-ft
Volume (Total Out ICPM)	0.239 ac-ft
Volume (Ending)	0.118 ac-ft
Elevation (Ending)	355.92 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.0 %

Subsection: Interconnected Pond Routing Summary
 Label: IF-1

Return Event: 25 years
 Storm Event: 25 Year

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	1.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	354.00	ft	Flow Tolerance (Minimum)	0.000	ft ³ /s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft ³ /s	ICPM Time Step	0.010	hours
Outflow (Starting)	0.00	ft ³ /s	Output Increment	0.010	hours

Time to Peak (hours)	Maximum Storage	
	Elevation (ft)	Volume (ac-ft)
15.950	356.74	0.192

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (hours)	Flow (Peak) (ft ³ /s)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Pond Inflow....	12.130	3.06	0.000	0.00
Infiltration...	15.970	0.00	0.000	0.00
Pond Outflow...	15.970	0.25	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.493	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.105	Forward
Pond Outflow...	0.000	Reverse	0.227	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.493 ac-ft
Volume (Total Out ICPM)	0.333 ac-ft
Volume (Ending)	0.160 ac-ft
Elevation (Ending)	356.40 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.0 %

Subsection: Interconnected Pond Routing Summary
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Return Event: 50 years
 Storm Event: 50 Year

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	1.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	354.00	ft	Flow Tolerance (Minimum)	0.000	ft ³ /s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft ³ /s	ICPM Time Step	0.010	hours
Outflow (Starting)	0.00	ft ³ /s	Output Increment	0.010	hours

	Maximum Storage	
Time to Peak (hours)	Elevation (ft)	Volume (ac-ft)
16.070	357.26	0.246

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (hours)	Flow (Peak) (ft ³ /s)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Pond Inflow....	12.140	3.80	0.000	0.00
Infiltration...	16.090	0.00	0.000	0.00
Pond Outflow...	16.090	0.30	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.614	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.122	Forward
Pond Outflow...	0.000	Reverse	0.284	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.614 ac-ft
Volume (Total Out ICPM)	0.406 ac-ft
Volume (Ending)	0.208 ac-ft
Elevation (Ending)	356.92 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.0 %

Subsection: Interconnected Pond Routing Summary
 Label: IF-1

Return Event: 100 years
 Storm Event: 100 Year

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	1.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	354.00	ft	Flow Tolerance (Minimum)	0.000	ft ³ /s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft ³ /s	ICPM Time Step	0.010	hours
Outflow (Starting)	0.00	ft ³ /s	Output Increment	0.010	hours

Time to Peak (hours)	Maximum Storage	
	Elevation (ft)	Volume (ac-ft)
13.420	357.54	0.279

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (hours)	Flow (Peak) (ft ³ /s)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Pond Inflow....	12.120	4.85	0.000	0.00
Infiltration...	13.430	0.00	0.000	0.00
Pond Outflow...	13.430	1.11	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.820	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.134	Forward
Pond Outflow...	0.000	Reverse	0.446	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.820 ac-ft
Volume (Total Out ICPM)	0.580 ac-ft
Volume (Ending)	0.240 ac-ft
Elevation (Ending)	357.21 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.0 %