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	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	0.010	hours

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

	Forwar	d Flow Peaks	Reverse F	low Peaks
	Time to Peak (hours)	Flow (Peak) (ft³/s)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Pond Inflow	12.150	1.98	0.000	0.00
Pond Outflow	19.310	0.01	0.000	0.00
Total Volume In T		Total Vo	ume 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 (a	nc-ft)			
Volume (Initial I	CPM)	0.000 ac-	ft	
Volume (Total In	ICPM)	0.249 ac-	ft	
Volume (Total O	ut ICPM)	0.146 ac-	ft	
Volume (Ending) 0.10			ft	
Elevation (Ending	a)	355.50 ft		

0.000 ac-ft

0.0 %

Difference

Balance)

Percent of Inflow Volume (Interconnected Pond Mass

Label: DB-1

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions Calculation Tolerances					
Elevation (Starting Water Surface Computed)	354.30	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	0.010	hours

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

	Forwar	rd Flow Peaks	Reverse Flow Peaks		
	Time to Peak (hours)	Flow (Peak) (ft³/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	
	T-4-	LM-Louis Lo	T-+-1 1/-1-		

	Total	Total Volume In		ne Out
	Volume	Direction	Volume	Direction
	(ac-ft)		(ac-ft)	
Pond Inflow	0.357	Forward	0.000	Reverse
Pond Outflow	0.000	Reverse	0.150	Forward
Mass Balance (ac	:-ft)			
Volume (Initial ICF	PM)	0.000 ac-ft		
Volume (Total In I	ICPM)	0.482 ac-ft		
Volume (Total Out	t ICPM)	0.318 ac-ft		
Volume (Ending)		0.164 ac-ft		
Elevation (Ending))	355.93 ft		
Difference		0.000 ac-ft		
Percent of Inflow ' (Interconnected P Balance)		0.0 %		

Return Event: 10 years

Storm Event: 10 Year

Label: DB-1

Infiltration	
Infiltration Method (Computed)	No Infiltration

(compared)					
Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	354.30	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	0.010	hours

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

	Forwa	ard Flow Peaks	Reverse Flow Peaks	
	Time to Peak (hours)	Flow (Peak) (ft³/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
		al Volume In	Total Volu	
	Volume	Direction	Volume	Direction

	Volume (ac-ft)	Direction	Volume (ac-ft)	D
Pond Inflow	0.493	Forward	0.000	
Pond Outflow	0.000	Reverse	0.227	
Mass Balance (a	nc-ft)			
Volume (Initial IC	CPM)	0.000 ac-ft		
Volume (Total In	ICPM)	0.680 ac-ft		
Volume (Total O	ut ICPM)	0.432 ac-ft		
Volume (Ending)		0.248 ac-ft		
Elevation (Ending	g)	356.41 ft		
Difference		0.000 ac-ft		
Percent of Inflow (Interconnected Balance)		0.0 %		

Reverse Forward Return Event: 25 years

Storm Event: 25 Year

Label: DB-1

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	354.30	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	0.010	hours

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

	Forwar	d Flow Peaks	Reverse Flow Peaks		
	Time to Peak (hours)	Flow (Peak) (ft³/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 Volur	ne 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 (a	c-ft)			
Volume (Initial IC	CPM)	0.000 ac-ft	t	
Volume (Total In	ICPM)	0.871 ac-ft	t	
Volume (Total Ou	ıt ICPM)	0.530 ac-ft	t	
Volume (Ending)		0.341 ac-ft	t	
Elevation (Ending)	356.93 ft		
Difference		0.000 ac-ft	t	
Percent of Inflow	Volume			

0.0 %

Return Event: 50 years

Storm Event: 50 Year

Balance)

(Interconnected Pond Mass

Label: DB-1

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	354.30	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	0.010	hours

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

	Forwar	d Flow Peaks	Reverse	Flow Peaks
	Time to Peak (hours)	Flow (Peak) (ft ³ /s)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Pond Inflow	12.120	4.85	0.000	0.00
Pond Outflow	13.430	1.11	0.000	0.00
	Tota	l Volume In	Total V	olume Out
	Volume	Direction	Volume	Direction
	(ac-ft)		(ac-ft)	
Pond Inflow	0.820	Forward		O Reverse
Pond Outflow	0.000	Reverse	0.44	6 Forward
Mass Balance (a	ac-ft)			
Volume (Initial IC	CPM)	0.000 ac-	·ft	
Volume (Total In	ICPM)	1.108 ac-	·ft	
Volume (Total O	ut ICPM)	0.706 ac-	·ft	
Volume (Ending)		0.402 ac-	·ft	
Elevation (Ending	g)	357.22 ft		
Difference		0.000 ac-	·ft	
Percent of Inflow	/ Volume			

0.0 %

Return Event: 100 years Storm Event: 100 Year

Balance)

(Interconnected Pond Mass

Label: IF-1

Infiltration Rate (Average)

Infiltration

Infiltration Method Average (Computed) Infiltration Rate

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	354.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	0.010	hours
Outflow (Starting)	0.00	ft³/s	Output Increment	0.010	hours

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

1.0000 in/h

	Forwa	rd Flow Peaks	Reve	rse Flov	w Peaks
	Time to Peak (hours)	Flow (Peak) (ft³/s)	Time to Per (hours)	ak	Flow (Peak) (ft³/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
	Tota	I Volume In	Tota	al Volun	ne Out
	Volume	Direction	Volume	ii volui	Direction
	(ac-ft)	Direction	(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 (a	ac-ft)				
Volume (Initial I	CPM)	0.000 ac-	-ft		
Volume (Total In	ICPM)	0.162 ac-	-ft		
Volume (Total O	ut ICPM)	0.073 ac-	-ft		
Volume (Ending)		0.088 ac-	-ft		
Elevation (Ending	g)	355.50 ft			
Difference		0.000 ac-	-ft		
Percent of Inflow (Interconnected Balance)		0.0 %			

Return Event: 2 years

Storm Event: 2 Year

Label: IF-1

Infiltration

Infiltration Method Average (Computed) 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	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	0.010	hours
Outflow (Starting)	0.00	ft³/s	Output Increment	0.010	hours

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

	Forwa	rd Flow Peaks	Reverse	Flow Peaks
	Time to Peak (hours)	Flow (Peak) (ft³/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
	Tota	al Volume In	Total Vo	olume 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 (a	ac-ft)			
Volume (Initial I	CPM)	0.000 ac-	-ft	
Volume (Total In	ICPM)	0.357 ac-	-ft	
Volume (Total O	ut ICPM)	0.239 ac-	-ft	
Volume (Ending)		0.118 ac-	-ft	
Elevation (Ending	g)	355.92 ft		
Difference		0.000 ac-	-ft	
Percent of Inflow (Interconnected Balance)		0.0 %		

Return Event: 10 years

Storm Event: 10 Year

Label: IF-1

Infiltration

Infiltration Method Average
(Computed) 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	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	0.010	hours
Outflow (Starting)	0.00	ft³/s	Output Increment	0.010	hours

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

	Forwa	ard Flow Peaks	Revers	e Flow Peaks
	Time to Peak (hours)	Flow (Peak) (ft³/s)	Time to Peak (hours)	r Flow (Peak) (ft³/s)
Pond Inflow	12.130	3.06	0.0	0.00
Infiltration	15.970	0.00	0.0	0.00
Pond Outflow	15.970	0.25	0.0	0.00
	Tot	al Volume In	Total	Volume Out
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow	0.493	Forward	0.0	00 Reverse
Infiltration	0.000	Reverse	0.1	05 Forward
Pond Outflow	0.000	Reverse	0.2	27 Forward
Mass Balance (a	ıc-ft)			
Volume (Initial IC	CPM)	0.000 ac	-ft	
Volume (Total In	ICPM)	0.493 ac	-ft	
Volume (Total O	ut ICPM)	0.333 ac	-ft	
Volume (Ending)		0.160 ac	-ft	
Elevation (Ending	g)	356.40 ft		
Difference		0.000 ac	-ft	
Percent of Inflow (Interconnected Balance)		0.0 %		

Return Event: 25 years

Storm Event: 25 Year

Label: IF-1

Infiltration

Infiltration Method Average
(Computed) 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	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	0.010	hours
Outflow (Starting)	0.00	ft³/s	Output Increment	0.010	hours

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

	Forw	ard Flow Peaks	Reverse F	low Peaks
	Time to Peak (hours)	Flow (Peak) (ft³/s)	Time to Peak (hours)	Flow (Peak) (ft³/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
	Tot	al Volume In	Total Vo	lume 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 (a	nc-ft)			
Volume (Initial I	CPM)	0.000 ac	-ft	
Volume (Total In	ICPM)	0.614 ac	-ft	
Volume (Total O	ut ICPM)	0.406 ac	-ft	
Volume (Ending)		0.208 ac	-ft	
Elevation (Ending	g)	356.92 ft		
Difference		0.000 ac	-ft	
Percent of Inflow (Interconnected Balance)		0.0 %		

Return Event: 50 years

Storm Event: 50 Year

Label: IF-1

Infiltration

Infiltration Method Average
(Computed) 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	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	0.010	hour
Outflow (Starting)	0.00	ft³/s	Output Increment	0.010	hours

Time to	Maximum Storage		
	Elevation	Volume	
Peak	(ft)	(ac-ft)	
(hours)			
13.420	357.54	0.27	

	Forwa	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (hours)	Flow (Peak) (ft ³ /s)	Time to Peak (hours)	Flow (Peak) (ft³/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	
	Tot	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 (a	ac-ft)				
Volume (Initial I	CPM)	0.000 ac	-ft		
Volume (Total In	ICPM)	0.820 ac	-ft		
Volume (Total O	ut ICPM)	0.580 ac	-ft		
Volume (Ending)		0.240 ac	-ft		
Elevation (Ending	g)	357.21 ft			
Difference		0.000 ac	-ft		
Percent of Inflow (Interconnected Balance)		0.0 %			

Return Event: 100 years

Storm Event: 100 Year