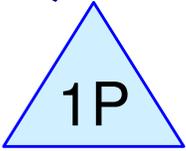
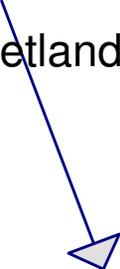
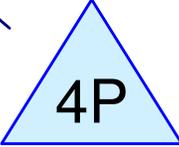
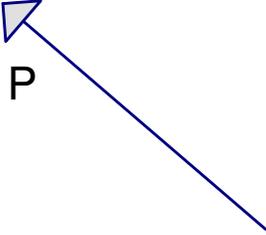


Existing to Wetland 1P



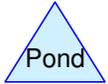
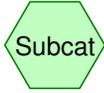
Wetland 1P



Wetland 2P



Existing to Wetland 2P



Routing Diagram for 24303-Wetlands  
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**Area Listing (all nodes)**

Area (acres)	CN	Description (subcatchment-numbers)
0.053	96	Gravel surface, HSG C (1X)
0.227	98	Paved parking, HSG C (1X)
0.244	98	Unconnected roofs, HSG C (1X, 2X)
0.642	98	Water Surface, 0% imp, HSG C (1X, 2X)
4.629	72	Woods/grass comb., Good, HSG C (1X, 2X)
<b>5.796</b>	<b>77</b>	<b>TOTAL AREA</b>

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**Soil Listing (all nodes)**

Area (acres)	Soil Group	Subcatchment Numbers
0.000	HSG A	
0.000	HSG B	
5.796	HSG C	1X, 2X
0.000	HSG D	
0.000	Other	
<b>5.796</b>		<b>TOTAL AREA</b>

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Existing  
MSE 24-hr 3 100 Year Rainfall=7.31"

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**Summary for Subcatchment 1X: Existing to Wetland 1P**

Runoff = 25.64 cfs @ 12.27 hrs, Volume= 1.759 af, Depth> 4.35"

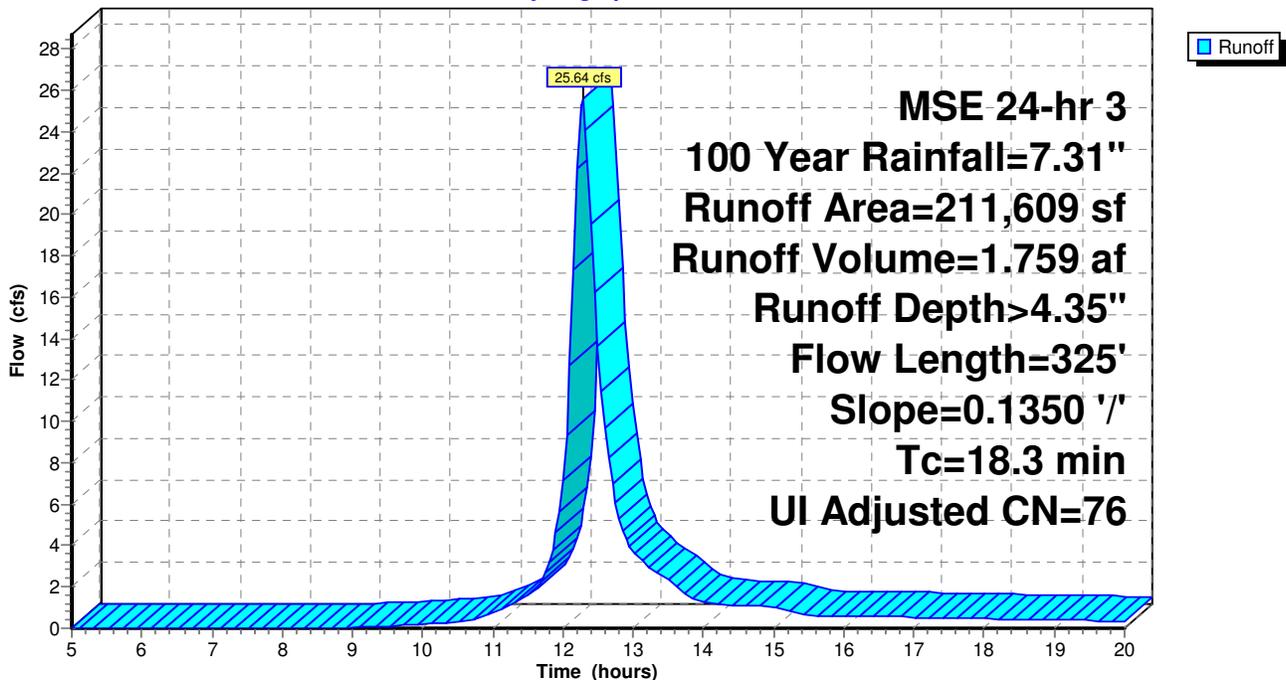
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs  
MSE 24-hr 3 100 Year Rainfall=7.31"

Area (sf)	CN	Adj	Description
8,744	98		Unconnected roofs, HSG C
9,885	98		Paved parking, HSG C
19,395	98		Water Surface, 0% imp, HSG C
2,322	96		Gravel surface, HSG C
171,263	72		Woods/grass comb., Good, HSG C
211,609	77	76	Weighted Average, UI Adjusted
192,980			91.20% Pervious Area
18,629			8.80% Impervious Area
8,744			46.94% Unconnected

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
17.0	180	0.1350	0.18		<b>Sheet Flow,</b> Woods: Light underbrush n= 0.400 P2= 2.85"
1.3	145	0.1350	1.84		<b>Shallow Concentrated Flow,</b> Woodland Kv= 5.0 fps
18.3	325	Total			

**Subcatchment 1X: Existing to Wetland 1P**

Hydrograph



**24303-Wetlands**

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Existing  
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**Summary for Subcatchment 2X: Existing to Wetland 2P**

Runoff = 6.21 cfs @ 12.20 hrs, Volume= 0.357 af, Depth> 4.57"

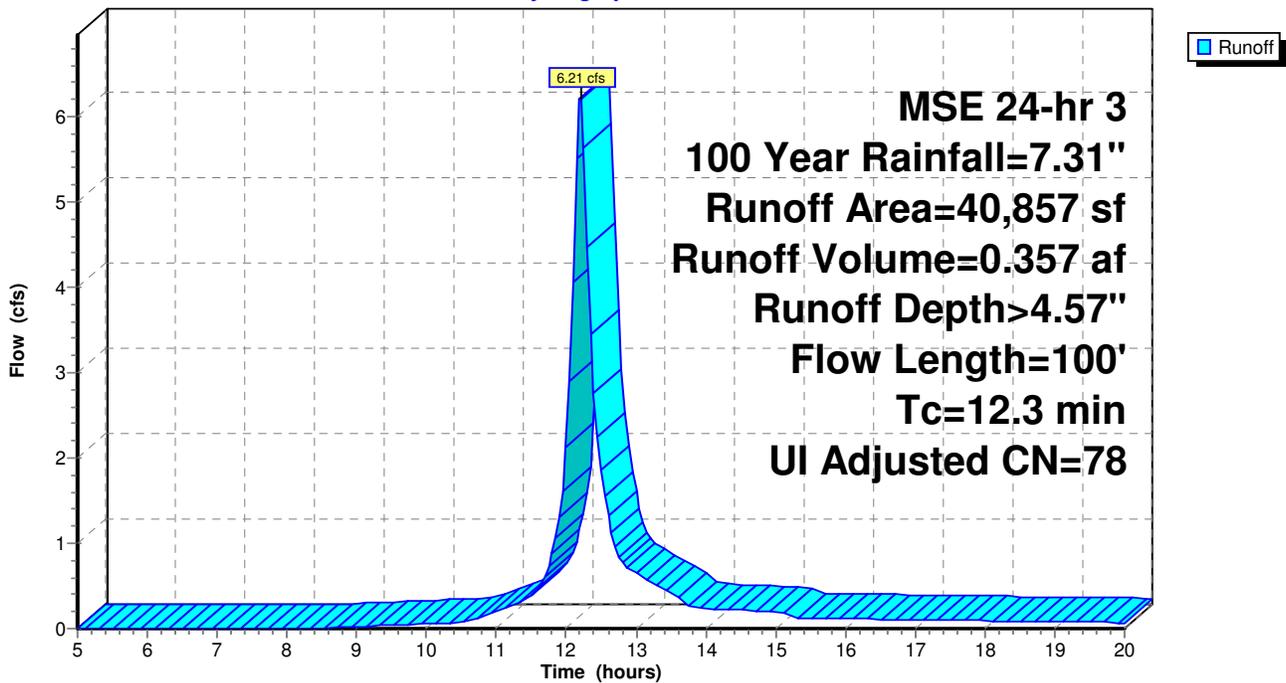
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs  
MSE 24-hr 3 100 Year Rainfall=7.31"

Area (sf)	CN	Adj	Description
1,886	98		Unconnected roofs, HSG C
8,586	98		Water Surface, 0% imp, HSG C
30,385	72		Woods/grass comb., Good, HSG C
40,857	79	78	Weighted Average, UI Adjusted
38,971			95.38% Pervious Area
1,886			4.62% Impervious Area
1,886			100.00% Unconnected

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.2	20	0.0830	1.66		<b>Sheet Flow,</b> Smooth surfaces n= 0.011 P2= 2.85"
12.1	80	0.0625	0.11		<b>Sheet Flow,</b> Woods: Light underbrush n= 0.400 P2= 2.85"
12.3	100	Total			

**Subcatchment 2X: Existing to Wetland 2P**

Hydrograph



**24303-Wetlands**

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Existing  
MSE 24-hr 3 100 Year Rainfall=7.31"

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**Summary for Pond 1P: Wetland 1P**

Inflow Area = 5.796 ac, 8.13% Impervious, Inflow Depth > 4.36" for 100 Year event  
Inflow = 29.29 cfs @ 12.28 hrs, Volume= 2.105 af  
Outflow = 17.47 cfs @ 12.52 hrs, Volume= 2.062 af, Atten= 40%, Lag= 14.0 min  
Primary = 17.47 cfs @ 12.52 hrs, Volume= 2.062 af

Routing by Sim-Route method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs  
Starting Elev= 940.50' Surf.Area= 18,044 sf Storage= 7,632 cf  
Peak Elev= 941.58' @ 12.52 hrs Surf.Area= 32,385 sf Storage= 34,275 cf (26,643 cf above start)

Plug-Flow detention time= 67.0 min calculated for 1.881 af (89% of inflow)  
Center-of-Mass det. time= 26.8 min ( 814.0 - 787.2 )

Volume	Invert	Avail.Storage	Storage Description
#1	940.00'	92,346 cf	<b>Custom Stage Data (Prismatic)</b> Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
940.00	12,486	0	0
941.00	23,601	18,044	18,044
942.00	38,749	31,175	49,219
943.00	47,506	43,128	92,346

Device	Routing	Invert	Outlet Devices
#1	Primary	940.50'	<b>5.8' long x 10.0' breadth Broad-Crested Rectangular Weir</b> Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

**Primary OutFlow** Max=17.42 cfs @ 12.52 hrs HW=941.58' (Free Discharge)  
↑1=**Broad-Crested Rectangular Weir** (Weir Controls 17.42 cfs @ 2.79 fps)

**24303-Wetlands**

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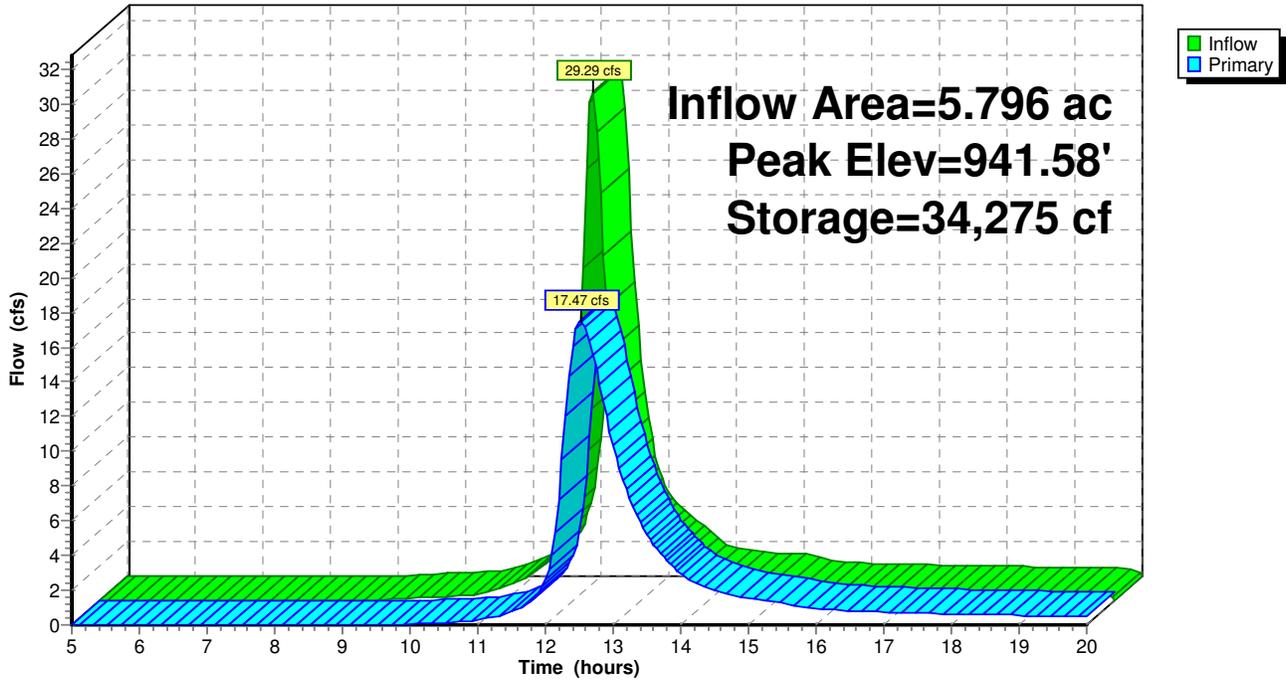
Existing  
MSE 24-hr 3 100 Year Rainfall=7.31"

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**Pond 1P: Wetland 1P**

Hydrograph



**24303-Wetlands**

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MSE 24-hr 3 100 Year Rainfall=7.31"

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**Stage-Area-Storage for Pond 1P: Wetland 1P**

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
940.00	12,486	0	940.51	18,155	7,813
940.01	12,597	125	940.52	18,266	7,995
940.02	12,708	252	940.53	18,377	8,179
940.03	12,819	380	940.54	18,488	8,363
940.04	12,931	508	940.55	18,599	8,548
940.05	13,042	638	940.56	18,710	8,735
940.06	13,153	769	940.57	18,822	8,923
940.07	13,264	901	940.58	18,933	9,111
940.08	13,375	1,034	940.59	19,044	9,301
940.09	13,486	1,169	940.60	19,155	9,492
940.10	13,598	1,304	940.61	19,266	9,684
940.11	13,709	1,441	940.62	19,377	9,878
940.12	13,820	1,578	940.63	19,488	10,072
940.13	13,931	1,717	940.64	19,600	10,267
940.14	14,042	1,857	940.65	19,711	10,464
940.15	14,153	1,998	940.66	19,822	10,662
940.16	14,264	2,140	940.67	19,933	10,860
940.17	14,376	2,283	940.68	20,044	11,060
940.18	14,487	2,428	940.69	20,155	11,261
940.19	14,598	2,573	940.70	20,267	11,463
940.20	14,709	2,720	940.71	20,378	11,667
940.21	14,820	2,867	940.72	20,489	11,871
940.22	14,931	3,016	940.73	20,600	12,076
940.23	15,042	3,166	940.74	20,711	12,283
940.24	15,154	3,317	940.75	20,822	12,491
940.25	15,265	3,469	940.76	20,933	12,699
940.26	15,376	3,622	940.77	21,045	12,909
940.27	15,487	3,776	940.78	21,156	13,120
940.28	15,598	3,932	940.79	21,267	13,332
940.29	15,709	4,088	940.80	21,378	13,546
940.30	15,820	4,246	940.81	21,489	13,760
940.31	15,932	4,405	940.82	21,600	13,975
940.32	16,043	4,565	940.83	21,711	14,192
940.33	16,154	4,726	940.84	21,823	14,410
940.34	16,265	4,888	940.85	21,934	14,628
940.35	16,376	5,051	940.86	22,045	14,848
940.36	16,487	5,215	940.87	22,156	15,069
940.37	16,599	5,381	940.88	22,267	15,291
940.38	16,710	5,547	940.89	22,378	15,515
940.39	16,821	5,715	940.90	22,489	15,739
940.40	16,932	5,884	940.91	22,601	15,964
940.41	17,043	6,053	940.92	22,712	16,191
940.42	17,154	6,224	940.93	22,823	16,419
940.43	17,265	6,397	940.94	22,934	16,647
940.44	17,377	6,570	940.95	23,045	16,877
940.45	17,488	6,744	940.96	23,156	17,108
940.46	17,599	6,920	940.97	23,268	17,340
940.47	17,710	7,096	940.98	23,379	17,574
940.48	17,821	7,274	940.99	23,490	17,808
940.49	17,932	7,452	941.00	23,601	18,044
940.50	18,044	7,632	941.01	23,752	18,280

**24303-Wetlands**

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**Stage-Area-Storage for Pond 1P: Wetland 1P (continued)**

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
941.02	23,904	18,519	941.53	31,629	32,680
941.03	24,055	18,758	941.54	31,781	32,997
941.04	24,207	19,000	941.55	31,932	33,315
941.05	24,358	19,242	941.56	32,084	33,635
941.06	24,510	19,487	941.57	32,235	33,957
941.07	24,661	19,733	941.58	32,387	34,280
941.08	24,813	19,980	941.59	32,538	34,605
941.09	24,964	20,229	941.60	32,690	34,931
941.10	25,116	20,479	941.61	32,841	35,258
941.11	25,267	20,731	941.62	32,993	35,588
941.12	25,419	20,985	941.63	33,144	35,918
941.13	25,570	21,240	941.64	33,296	36,250
941.14	25,722	21,496	941.65	33,447	36,584
941.15	25,873	21,754	941.66	33,599	36,919
941.16	26,025	22,014	941.67	33,750	37,256
941.17	26,176	22,275	941.68	33,902	37,594
941.18	26,328	22,537	941.69	34,053	37,934
941.19	26,479	22,801	941.70	34,205	38,275
941.20	26,631	23,067	941.71	34,356	38,618
941.21	26,782	23,334	941.72	34,508	38,963
941.22	26,934	23,602	941.73	34,659	39,308
941.23	27,085	23,872	941.74	34,811	39,656
941.24	27,237	24,144	941.75	34,962	40,005
941.25	27,388	24,417	941.76	35,113	40,355
941.26	27,539	24,692	941.77	35,265	40,707
941.27	27,691	24,968	941.78	35,416	41,060
941.28	27,842	25,246	941.79	35,568	41,415
941.29	27,994	25,525	941.80	35,719	41,772
941.30	28,145	25,805	941.81	35,871	42,130
941.31	28,297	26,088	941.82	36,022	42,489
941.32	28,448	26,371	941.83	36,174	42,850
941.33	28,600	26,657	941.84	36,325	43,213
941.34	28,751	26,943	941.85	36,477	43,577
941.35	28,903	27,232	941.86	36,628	43,942
941.36	29,054	27,521	941.87	36,780	44,309
941.37	29,206	27,813	941.88	36,931	44,678
941.38	29,357	28,106	941.89	37,083	45,048
941.39	29,509	28,400	941.90	37,234	45,419
941.40	29,660	28,696	941.91	37,386	45,792
941.41	29,812	28,993	941.92	37,537	46,167
941.42	29,963	29,292	941.93	37,689	46,543
941.43	30,115	29,592	941.94	37,840	46,921
941.44	30,266	29,894	941.95	37,992	47,300
941.45	30,418	30,198	941.96	38,143	47,681
941.46	30,569	30,503	941.97	38,295	48,063
941.47	30,721	30,809	941.98	38,446	48,447
941.48	30,872	31,117	941.99	38,598	48,832
941.49	31,024	31,427	942.00	38,749	49,219
941.50	31,175	31,738	942.01	38,837	49,606
941.51	31,326	32,050	942.02	38,924	49,995
941.52	31,478	32,364	942.03	39,012	50,385

**24303-Wetlands**

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**Stage-Area-Storage for Pond 1P: Wetland 1P (continued)**

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
942.04	39,099	50,775	942.55	43,565	71,855
942.05	39,187	51,167	942.56	43,653	72,291
942.06	39,274	51,559	942.57	43,740	72,728
942.07	39,362	51,952	942.58	43,828	73,166
942.08	39,450	52,346	942.59	43,916	73,605
942.09	39,537	52,741	942.60	44,003	74,044
942.10	39,625	53,137	942.61	44,091	74,485
942.11	39,712	53,534	942.62	44,178	74,926
942.12	39,800	53,931	942.63	44,266	75,368
942.13	39,887	54,330	942.64	44,353	75,811
942.14	39,975	54,729	942.65	44,441	76,255
942.15	40,063	55,129	942.66	44,529	76,700
942.16	40,150	55,530	942.67	44,616	77,146
942.17	40,238	55,932	942.68	44,704	77,592
942.18	40,325	56,335	942.69	44,791	78,040
942.19	40,413	56,739	942.70	44,879	78,488
942.20	40,500	57,143	942.71	44,966	78,937
942.21	40,588	57,549	942.72	45,054	79,388
942.22	40,676	57,955	942.73	45,142	79,839
942.23	40,763	58,362	942.74	45,229	80,290
942.24	40,851	58,770	942.75	45,317	80,743
942.25	40,938	59,179	942.76	45,404	81,197
942.26	41,026	59,589	942.77	45,492	81,651
942.27	41,113	60,000	942.78	45,579	82,107
942.28	41,201	60,411	942.79	45,667	82,563
942.29	41,289	60,824	942.80	45,755	83,020
942.30	41,376	61,237	942.81	45,842	83,478
942.31	41,464	61,651	942.82	45,930	83,937
942.32	41,551	62,067	942.83	46,017	84,397
942.33	41,639	62,482	942.84	46,105	84,857
942.34	41,726	62,899	942.85	46,192	85,319
942.35	41,814	63,317	942.86	46,280	85,781
942.36	41,902	63,736	942.87	46,368	86,244
942.37	41,989	64,155	942.88	46,455	86,708
942.38	42,077	64,575	942.89	46,543	87,173
942.39	42,164	64,997	942.90	46,630	87,639
942.40	42,252	65,419	942.91	46,718	88,106
942.41	42,339	65,842	942.92	46,805	88,574
942.42	42,427	66,265	942.93	46,893	89,042
942.43	42,515	66,690	942.94	46,981	89,511
942.44	42,602	67,116	942.95	47,068	89,982
942.45	42,690	67,542	942.96	47,156	90,453
942.46	42,777	67,970	942.97	47,243	90,925
942.47	42,865	68,398	942.98	47,331	91,398
942.48	42,952	68,827	942.99	47,418	91,871
942.49	43,040	69,257	943.00	<b>47,506</b>	<b>92,346</b>
942.50	43,128	69,688			
942.51	43,215	70,119			
942.52	43,303	70,552			
942.53	43,390	70,985			
942.54	43,478	71,420			

**24303-Wetlands**

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**Summary for Pond 4P: Wetland 2P**

Inflow Area = 0.938 ac, 4.62% Impervious, Inflow Depth > 4.57" for 100 Year event  
Inflow = 6.21 cfs @ 12.20 hrs, Volume= 0.357 af  
Outflow = 4.04 cfs @ 12.35 hrs, Volume= 0.348 af, Atten= 35%, Lag= 8.8 min  
Primary = 4.04 cfs @ 12.35 hrs, Volume= 0.348 af

Routing by Sim-Route method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs  
Starting Elev= 947.00' Surf.Area= 7,818 sf Storage= 6,322 cf  
Peak Elev= 947.50' @ 12.35 hrs Surf.Area= 9,658 sf Storage= 10,693 cf (4,371 cf above start)

Plug-Flow detention time= 131.9 min calculated for 0.202 af (57% of inflow)  
Center-of-Mass det. time= 23.4 min ( 800.5 - 777.1 )

Volume	Invert	Avail.Storage	Storage Description
#1	946.00'	29,308 cf	<b>Custom Stage Data (Prismatic)</b> Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
946.00	4,825	0	0
947.00	7,818	6,322	6,322
948.00	11,496	9,657	15,979
949.00	15,162	13,329	29,308

Device	Routing	Invert	Outlet Devices
#1	Primary	947.02'	<b>4.5' long x 15.0' breadth Broad-Crested Rectangular Weir</b> Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.68 2.70 2.70 2.64 2.63 2.64 2.64 2.63

**Primary OutFlow** Max=4.04 cfs @ 12.35 hrs HW=947.50' TW=941.45' (Dynamic Tailwater)  
↑1=**Broad-Crested Rectangular Weir** (Weir Controls 4.04 cfs @ 1.87 fps)

**24303-Wetlands**

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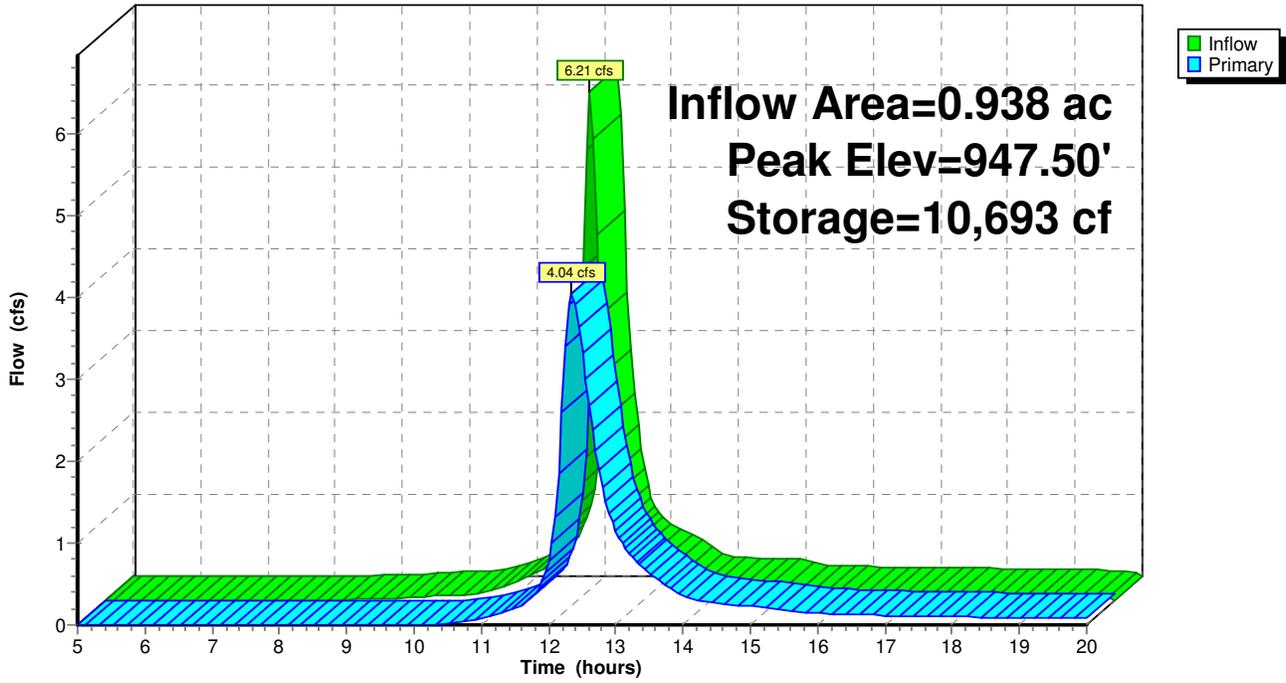
Existing  
MSE 24-hr 3 100 Year Rainfall=7.31"

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**Pond 4P: Wetland 2P**

Hydrograph



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**Stage-Area-Storage for Pond 4P: Wetland 2P**

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
946.00	4,825	0	946.51	6,351	2,850
946.01	4,855	48	946.52	6,381	2,914
946.02	4,885	97	946.53	6,411	2,978
946.03	4,915	146	946.54	6,441	3,042
946.04	4,945	195	946.55	6,471	3,106
946.05	4,975	245	946.56	6,501	3,171
946.06	5,005	295	946.57	6,531	3,236
946.07	5,035	345	946.58	6,561	3,302
946.08	5,064	396	946.59	6,591	3,368
946.09	5,094	446	946.60	6,621	3,434
946.10	5,124	497	946.61	6,651	3,500
946.11	5,154	549	946.62	6,681	3,567
946.12	5,184	601	946.63	6,711	3,634
946.13	5,214	653	946.64	6,741	3,701
946.14	5,244	705	946.65	6,770	3,769
946.15	5,274	757	946.66	6,800	3,836
946.16	5,304	810	946.67	6,830	3,905
946.17	5,334	863	946.68	6,860	3,973
946.18	5,364	917	946.69	6,890	4,042
946.19	5,394	971	946.70	6,920	4,111
946.20	5,424	1,025	946.71	6,950	4,180
946.21	5,454	1,079	946.72	6,980	4,250
946.22	5,483	1,134	946.73	7,010	4,320
946.23	5,513	1,189	946.74	7,040	4,390
946.24	5,543	1,244	946.75	7,070	4,461
946.25	5,573	1,300	946.76	7,100	4,531
946.26	5,603	1,356	946.77	7,130	4,603
946.27	5,633	1,412	946.78	7,160	4,674
946.28	5,663	1,468	946.79	7,189	4,746
946.29	5,693	1,525	946.80	7,219	4,818
946.30	5,723	1,582	946.81	7,249	4,890
946.31	5,753	1,640	946.82	7,279	4,963
946.32	5,783	1,697	946.83	7,309	5,036
946.33	5,813	1,755	946.84	7,339	5,109
946.34	5,843	1,813	946.85	7,369	5,182
946.35	5,873	1,872	946.86	7,399	5,256
946.36	5,902	1,931	946.87	7,429	5,330
946.37	5,932	1,990	946.88	7,459	5,405
946.38	5,962	2,050	946.89	7,489	5,480
946.39	5,992	2,109	946.90	7,519	5,555
946.40	6,022	2,169	946.91	7,549	5,630
946.41	6,052	2,230	946.92	7,579	5,706
946.42	6,082	2,290	946.93	7,608	5,782
946.43	6,112	2,351	946.94	7,638	5,858
946.44	6,142	2,413	946.95	7,668	5,934
946.45	6,172	2,474	946.96	7,698	6,011
946.46	6,202	2,536	946.97	7,728	6,088
946.47	6,232	2,598	946.98	7,758	6,166
946.48	6,262	2,661	946.99	7,788	6,243
946.49	6,292	2,724	947.00	7,818	6,322
946.50	6,322	2,787	947.01	7,855	6,400

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**Stage-Area-Storage for Pond 4P: Wetland 2P (continued)**

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
947.02	7,892	6,479	947.53	9,767	10,982
947.03	7,928	6,558	947.54	9,804	11,079
947.04	7,965	6,637	947.55	9,841	11,178
947.05	8,002	6,717	947.56	9,878	11,276
947.06	8,039	6,797	947.57	9,914	11,375
947.07	8,075	6,878	947.58	9,951	11,475
947.08	8,112	6,959	947.59	9,988	11,574
947.09	8,149	7,040	947.60	10,025	11,674
947.10	8,186	7,122	947.61	10,062	11,775
947.11	8,223	7,204	947.62	10,098	11,876
947.12	8,259	7,286	947.63	10,135	11,977
947.13	8,296	7,369	947.64	10,172	12,078
947.14	8,333	7,452	947.65	10,209	12,180
947.15	8,370	7,536	947.66	10,245	12,282
947.16	8,406	7,619	947.67	10,282	12,385
947.17	8,443	7,704	947.68	10,319	12,488
947.18	8,480	7,788	947.69	10,356	12,591
947.19	8,517	7,873	947.70	10,393	12,695
947.20	8,554	7,959	947.71	10,429	12,799
947.21	8,590	8,044	947.72	10,466	12,904
947.22	8,627	8,130	947.73	10,503	13,009
947.23	8,664	8,217	947.74	10,540	13,114
947.24	8,701	8,304	947.75	10,577	13,219
947.25	8,738	8,391	947.76	10,613	13,325
947.26	8,774	8,478	947.77	10,650	13,432
947.27	8,811	8,566	947.78	10,687	13,538
947.28	8,848	8,655	947.79	10,724	13,645
947.29	8,885	8,743	947.80	10,760	13,753
947.30	8,921	8,832	947.81	10,797	13,861
947.31	8,958	8,922	947.82	10,834	13,969
947.32	8,995	9,012	947.83	10,871	14,077
947.33	9,032	9,102	947.84	10,908	14,186
947.34	9,069	9,192	947.85	10,944	14,295
947.35	9,105	9,283	947.86	10,981	14,405
947.36	9,142	9,374	947.87	11,018	14,515
947.37	9,179	9,466	947.88	11,055	14,625
947.38	9,216	9,558	947.89	11,091	14,736
947.39	9,252	9,650	947.90	11,128	14,847
947.40	9,289	9,743	947.91	11,165	14,959
947.41	9,326	9,836	947.92	11,202	15,071
947.42	9,363	9,929	947.93	11,239	15,183
947.43	9,400	10,023	947.94	11,275	15,295
947.44	9,436	10,117	947.95	11,312	15,408
947.45	9,473	10,212	947.96	11,349	15,522
947.46	9,510	10,307	947.97	11,386	15,635
947.47	9,547	10,402	947.98	11,422	15,749
947.48	9,583	10,498	947.99	11,459	15,864
947.49	9,620	10,594	948.00	11,496	15,979
947.50	9,657	10,690	948.01	11,533	16,094
947.51	9,694	10,787	948.02	11,569	16,209
947.52	9,731	10,884	948.03	11,606	16,325

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**Stage-Area-Storage for Pond 4P: Wetland 2P (continued)**

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
948.04	11,643	16,441	948.55	13,512	22,856
948.05	11,679	16,558	948.56	13,549	22,991
948.06	11,716	16,675	948.57	13,586	23,127
948.07	11,753	16,792	948.58	13,622	23,263
948.08	11,789	16,910	948.59	13,659	23,399
948.09	11,826	17,028	948.60	13,696	23,536
948.10	11,863	17,146	948.61	13,732	23,673
948.11	11,899	17,265	948.62	13,769	23,811
948.12	11,936	17,384	948.63	13,806	23,948
948.13	11,973	17,504	948.64	13,842	24,087
948.14	12,009	17,624	948.65	13,879	24,225
948.15	12,046	17,744	948.66	13,916	24,364
948.16	12,083	17,865	948.67	13,952	24,504
948.17	12,119	17,986	948.68	13,989	24,643
948.18	12,156	18,107	948.69	14,026	24,783
948.19	12,193	18,229	948.70	14,062	24,924
948.20	12,229	18,351	948.71	14,099	25,065
948.21	12,266	18,473	948.72	14,136	25,206
948.22	12,303	18,596	948.73	14,172	25,347
948.23	12,339	18,720	948.74	14,209	25,489
948.24	12,376	18,843	948.75	14,246	25,632
948.25	12,413	18,967	948.76	14,282	25,774
948.26	12,449	19,091	948.77	14,319	25,917
948.27	12,486	19,216	948.78	14,355	26,061
948.28	12,522	19,341	948.79	14,392	26,204
948.29	12,559	19,466	948.80	14,429	26,348
948.30	12,596	19,592	948.81	14,465	26,493
948.31	12,632	19,718	948.82	14,502	26,638
948.32	12,669	19,845	948.83	14,539	26,783
948.33	12,706	19,972	948.84	14,575	26,929
948.34	12,742	20,099	948.85	14,612	27,074
948.35	12,779	20,227	948.86	14,649	27,221
948.36	12,816	20,355	948.87	14,685	27,367
948.37	12,852	20,483	948.88	14,722	27,514
948.38	12,889	20,612	948.89	14,759	27,662
948.39	12,926	20,741	948.90	14,795	27,810
948.40	12,962	20,870	948.91	14,832	27,958
948.41	12,999	21,000	948.92	14,869	28,106
948.42	13,036	21,130	948.93	14,905	28,255
948.43	13,072	21,261	948.94	14,942	28,404
948.44	13,109	21,392	948.95	14,979	28,554
948.45	13,146	21,523	948.96	15,015	28,704
948.46	13,182	21,655	948.97	15,052	28,854
948.47	13,219	21,787	948.98	15,089	29,005
948.48	13,256	21,919	948.99	15,125	29,156
948.49	13,292	22,052	949.00	<b>15,162</b>	<b>29,308</b>
948.50	13,329	22,185			
948.51	13,366	22,318			
948.52	13,402	22,452			
948.53	13,439	22,586			
948.54	13,476	22,721			