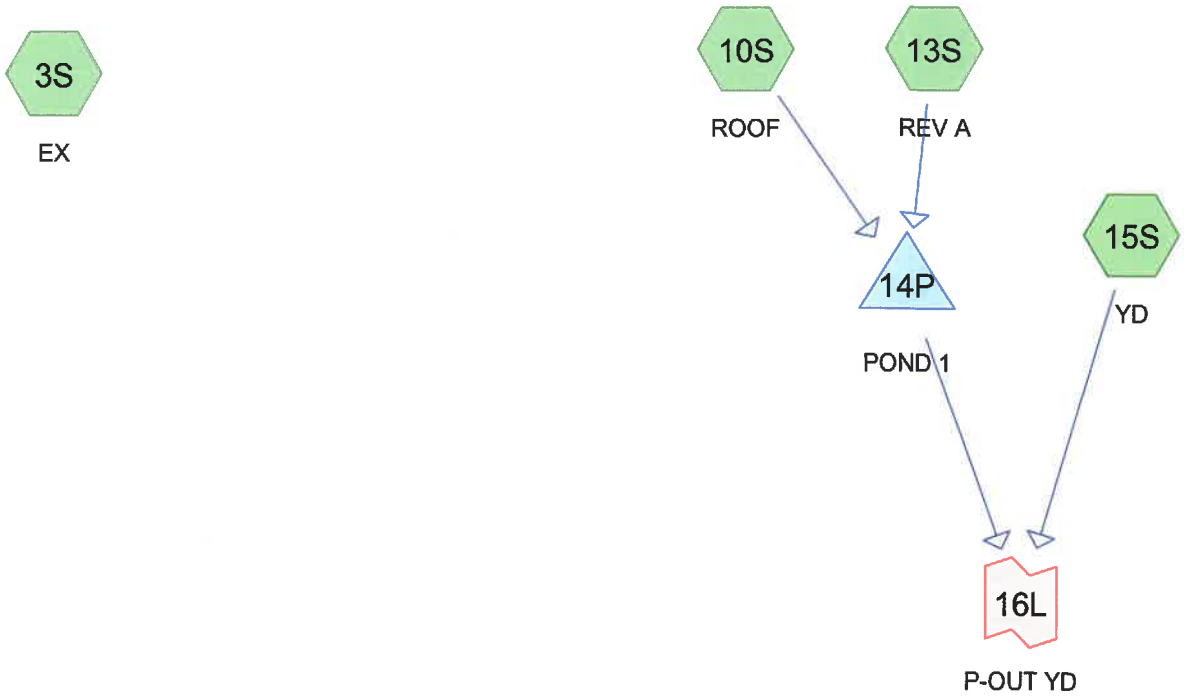


Subcat Reach Pond Link

Routing Diagram for GAL 8-25-20..hcp add roof
Prepared by Hewlett-Packard Company, Printed 9/4/2020
HydroCAD® 10.10-4a s/n 01461 © 2020 HydroCAD Software Solutions LLC

Rainfall Events Listing (selected events)

Event#	Event Name	Storm Type	Curve	Mode	Duration (hours)	B/B	Depth (inches)	AMC
1	2 YR	Type III 24-hr		Default	24.00	1	3.45	2
2	10 YR	Type III 24-hr		Default	24.00	1	5.34	2
3	25 YR	Type III 24-hr		Default	24.00	1	6.52	2
4	50 YR	Type III 24-hr		Default	24.00	1	7.39	2
5	100 YR	Type III 24-hr		Default	24.00	1	8.34	2

Area Listing (all nodes)

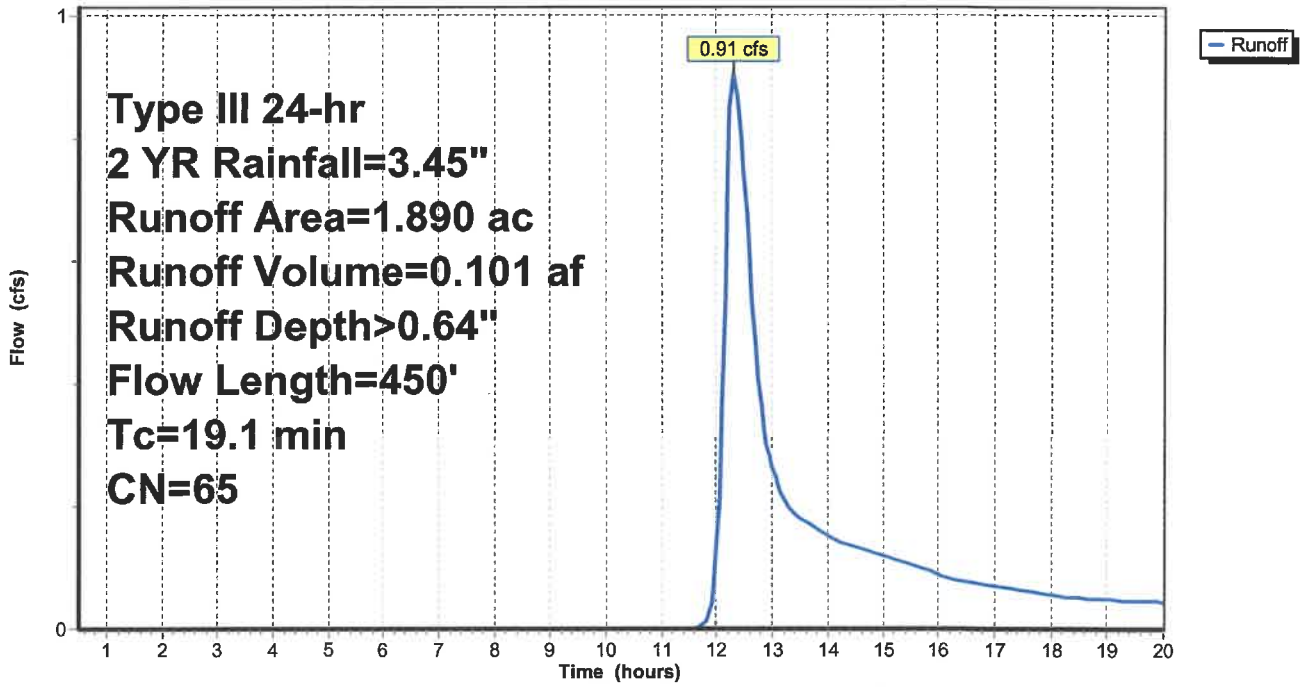
Area (acres)	CN	Description (subcatchment-numbers)
3.420	65	(3S, 15S)
0.135	98	(10S)
0.250	79	(13S)
3.805	**67**	**TOTAL AREA**

Ground Covers (all nodes)

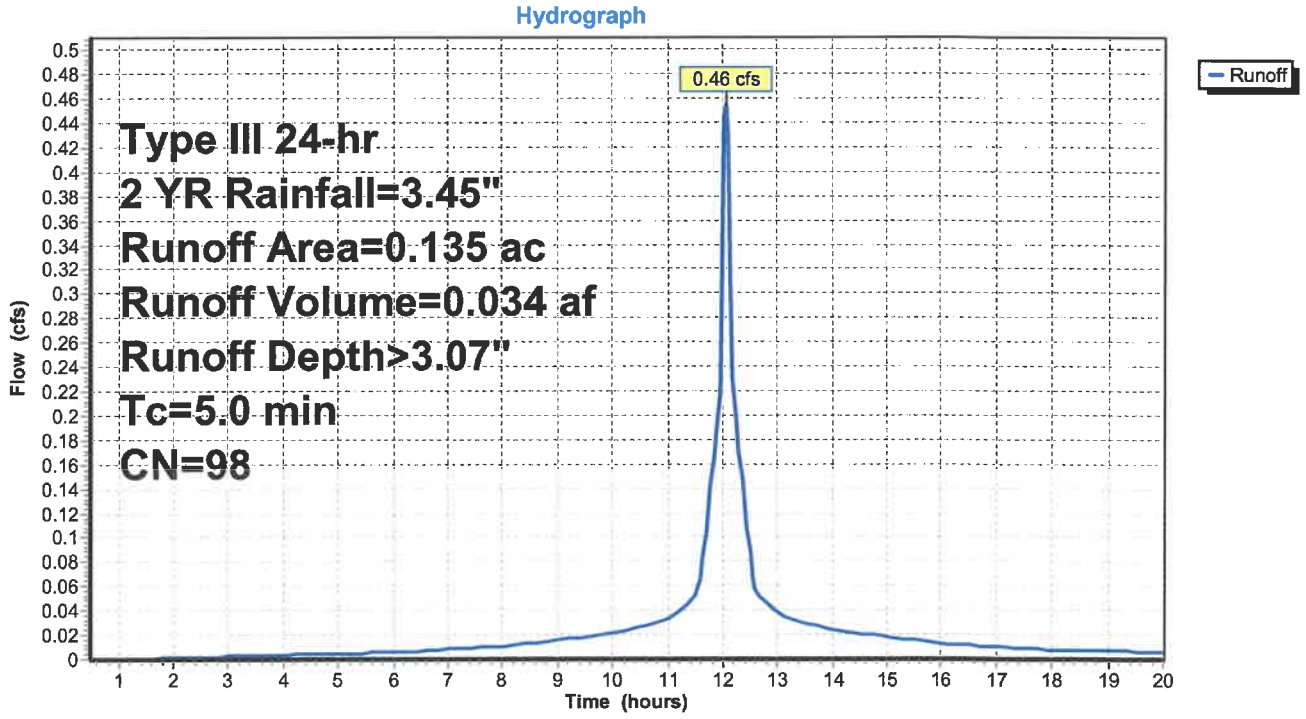
HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.000	0.000	0.000	0.000	3.805	3.805		3S, 10S, 13S, 15S
0.000	**0.000**	**0.000**	**0.000**	**3.805**	**3.805**	**TOTAL AREA**	

Subcatchment 3S: EX

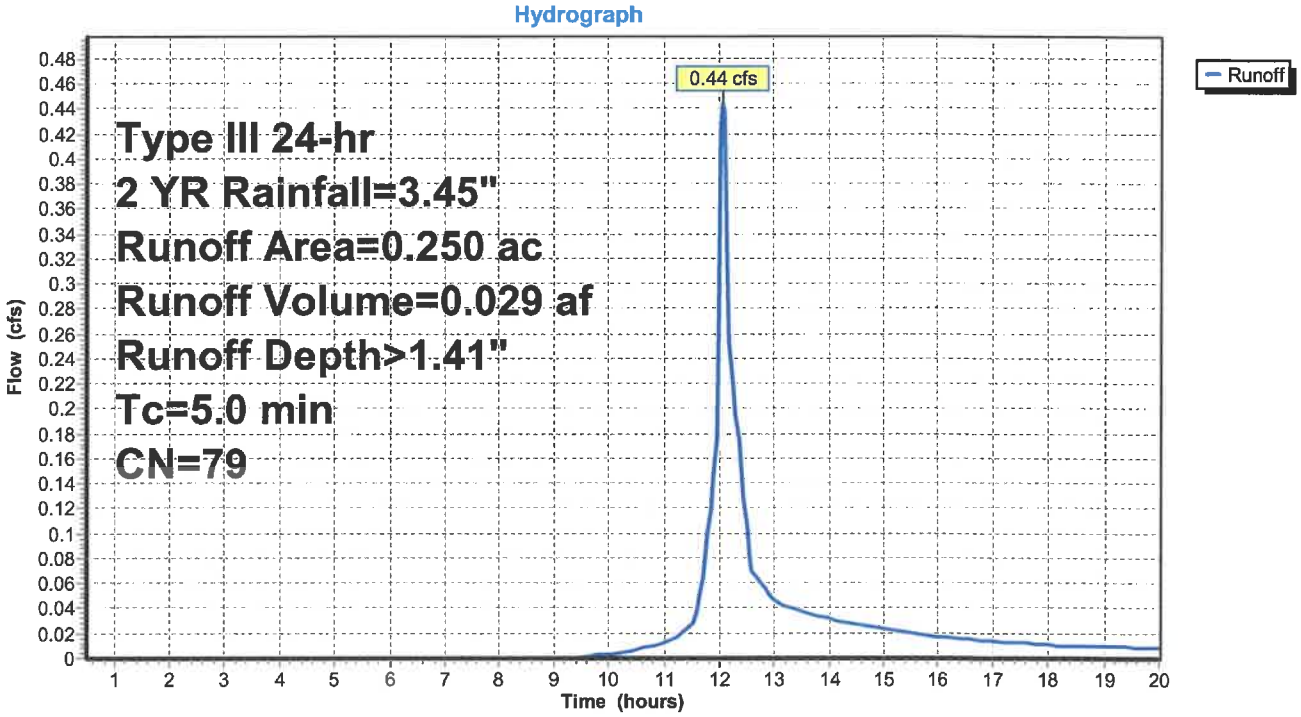
Hydrograph



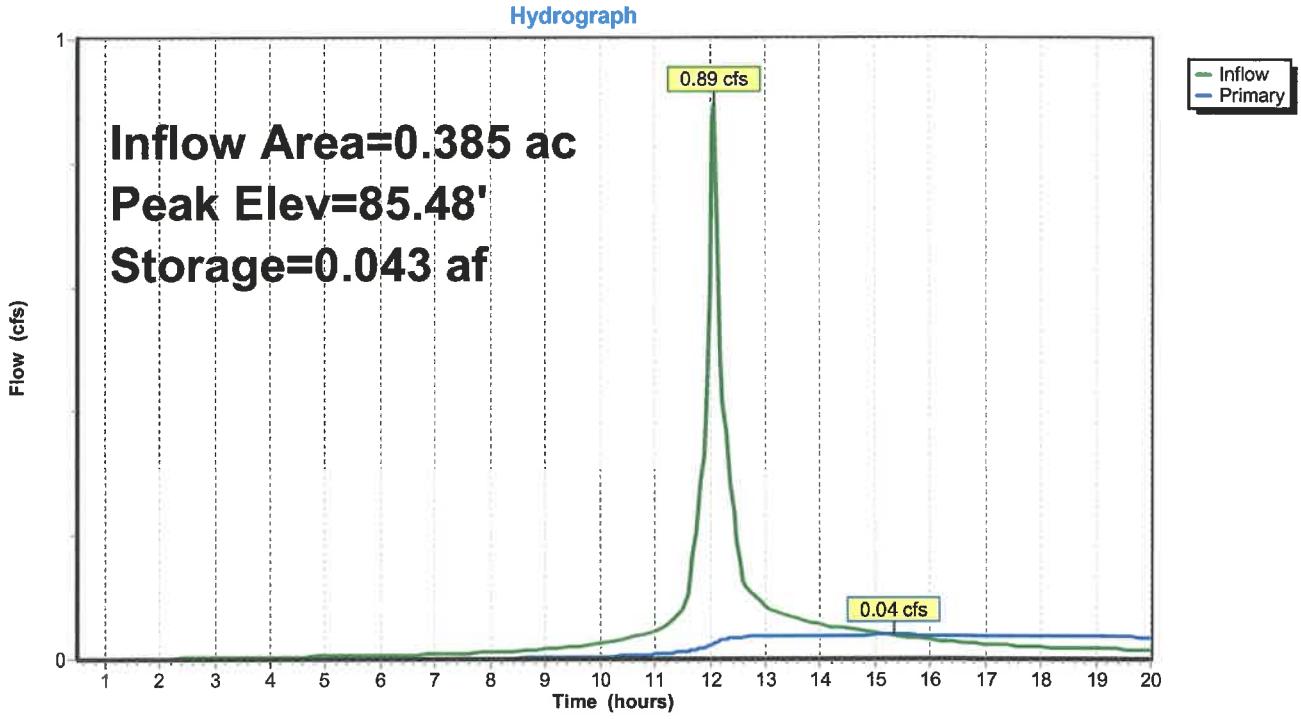
Subcatchment 10S: ROOF



Subcatchment 13S: REV A



Pond 14P: POND 1



Stage-Discharge for Pond 14P: POND 1

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
85.00	0.00	85.52	0.04	86.04	0.06	86.56	0.07
85.01	0.00	85.53	0.04	86.05	0.06	86.57	0.07
85.02	0.00	85.54	0.04	86.06	0.06	86.58	0.07
85.03	0.00	85.55	0.04	86.07	0.06	86.59	0.07
85.04	0.00	85.56	0.04	86.08	0.06	86.60	0.07
85.05	0.00	85.57	0.04	86.09	0.06	86.61	0.07
85.06	0.00	85.58	0.04	86.10	0.06	86.62	0.07
85.07	0.01	85.59	0.04	86.11	0.06	86.63	0.07
85.08	0.01	85.60	0.04	86.12	0.06	86.64	0.07
85.09	0.01	85.61	0.04	86.13	0.06	86.65	0.07
85.10	0.01	85.62	0.04	86.14	0.06	86.66	0.07
85.11	0.01	85.63	0.04	86.15	0.06	86.67	0.07
85.12	0.01	85.64	0.04	86.16	0.06	86.68	0.08
85.13	0.02	85.65	0.05	86.17	0.06	86.69	0.08
85.14	0.02	85.66	0.05	86.18	0.06	86.70	0.08
85.15	0.02	85.67	0.05	86.19	0.06	86.71	0.08
85.16	0.02	85.68	0.05	86.20	0.06	86.72	0.08
85.17	0.02	85.69	0.05	86.21	0.06	86.73	0.08
85.18	0.02	85.70	0.05	86.22	0.06	86.74	0.08
85.19	0.02	85.71	0.05	86.23	0.06	86.75	0.08
85.20	0.02	85.72	0.05	86.24	0.06	86.76	0.08
85.21	0.02	85.73	0.05	86.25	0.06	86.77	0.08
85.22	0.02	85.74	0.05	86.26	0.06	86.78	0.08
85.23	0.02	85.75	0.05	86.27	0.06	86.79	0.08
85.24	0.02	85.76	0.05	86.28	0.07	86.80	0.08
85.25	0.03	85.77	0.05	86.29	0.07	86.81	0.08
85.26	0.03	85.78	0.05	86.30	0.07	86.82	0.08
85.27	0.03	85.79	0.05	86.31	0.07	86.83	0.08
85.28	0.03	85.80	0.05	86.32	0.07	86.84	0.08
85.29	0.03	85.81	0.05	86.33	0.07	86.85	0.08
85.30	0.03	85.82	0.05	86.34	0.07	86.86	0.08
85.31	0.03	85.83	0.05	86.35	0.07	86.87	0.08
85.32	0.03	85.84	0.05	86.36	0.07	86.88	0.08
85.33	0.03	85.85	0.05	86.37	0.07	86.89	0.08
85.34	0.03	85.86	0.05	86.38	0.07	86.90	0.08
85.35	0.03	85.87	0.05	86.39	0.07	86.91	0.08
85.36	0.03	85.88	0.05	86.40	0.07	86.92	0.08
85.37	0.03	85.89	0.05	86.41	0.07	86.93	0.08
85.38	0.03	85.90	0.05	86.42	0.07	86.94	0.08
85.39	0.03	85.91	0.05	86.43	0.07	86.95	0.08
85.40	0.03	85.92	0.05	86.44	0.07	86.96	0.08
85.41	0.03	85.93	0.06	86.45	0.07	86.97	0.08
85.42	0.04	85.94	0.06	86.46	0.07	86.98	0.08
85.43	0.04	85.95	0.06	86.47	0.07	86.99	0.08
85.44	0.04	85.96	0.06	86.48	0.07	87.00	0.08
85.45	0.04	85.97	0.06	86.49	0.07	87.01	0.08
85.46	0.04	85.98	0.06	86.50	0.07	87.02	0.08
85.47	0.04	85.99	0.06	86.51	0.07	87.03	0.08
85.48	0.04	86.00	0.06	86.52	0.07	87.04	0.08
85.49	0.04	86.01	0.06	86.53	0.07	87.05	0.08
85.50	0.04	86.02	0.06	86.54	0.07	87.06	0.08
85.51	0.04	86.03	0.06	86.55	0.07	87.07	0.08

Stage-Discharge for Pond 14P: POND 1 (continued)

Elevation (feet)	Primary (cfs)
87.08	0.08
87.09	0.08
87.10	0.08
87.11	0.08
87.12	0.08
87.13	0.08
87.14	0.09
87.15	0.09
87.16	0.09
87.17	0.09
87.18	0.09
87.19	0.09
87.20	0.09
87.21	0.09
87.22	0.09
87.23	0.09
87.24	0.09
87.25	0.09
87.26	0.09
87.27	0.09
87.28	0.09
87.29	0.09
87.30	0.09
87.31	0.09
87.32	0.09
87.33	0.09
87.34	0.09
87.35	0.09
87.36	0.09
87.37	0.09
87.38	0.09
87.39	0.09
87.40	0.09
87.41	0.09
87.42	0.09
87.43	0.09
87.44	0.09
87.45	0.09
87.46	0.09
87.47	0.09
87.48	0.09
87.49	0.09
87.50	0.09
87.51	0.09
87.52	0.09
87.53	0.09
87.54	0.09
87.55	0.09
87.56	0.09
87.57	0.09
87.58	0.09
87.59	0.09
87.60	0.09
87.61	0.09
87.62	0.09
87.63	0.09
87.64	0.09
87.65	0.10
87.66	0.10
87.67	0.10
87.68	0.10
87.69	0.10
87.70	0.10
87.71	**0.10**

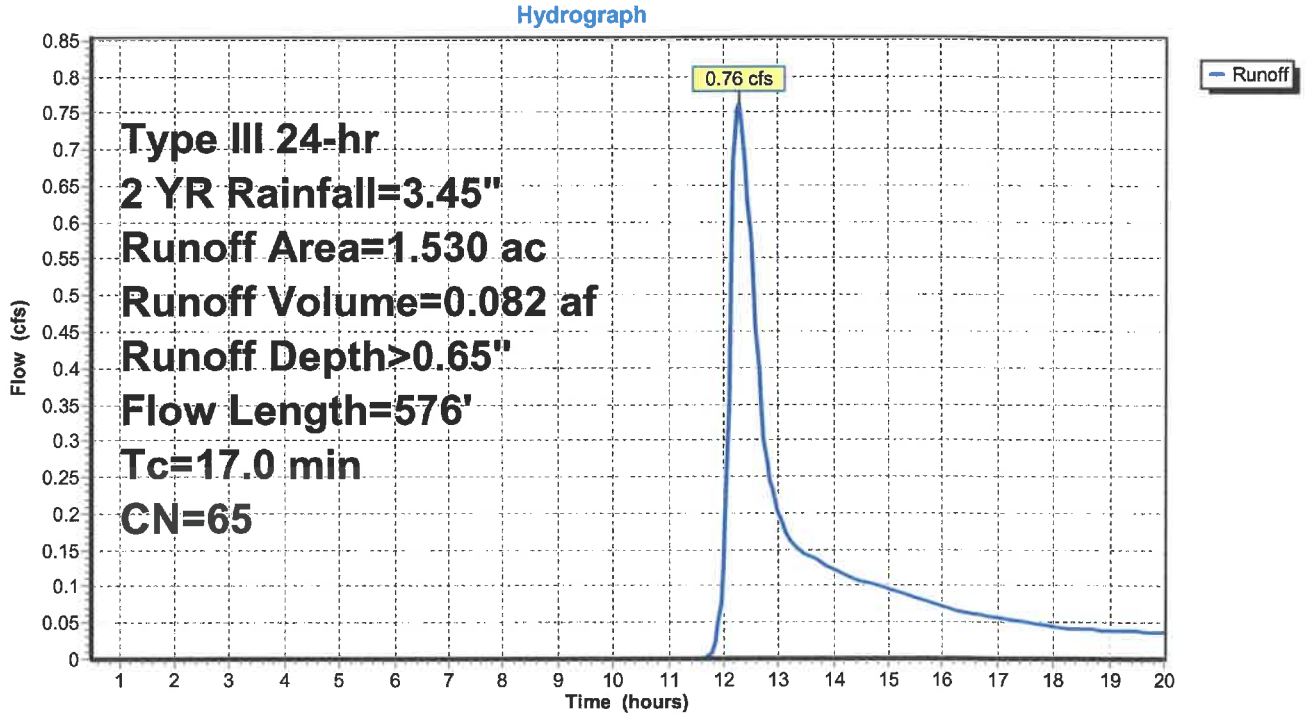
Stage-Area-Storage for Pond 14P: POND 1

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
85.00	0.000	85.52	0.047	86.04	0.092
85.01	0.001	85.53	0.048	86.05	0.093
85.02	0.002	85.54	0.049	86.06	0.093
85.03	0.003	85.55	0.050	86.07	0.094
85.04	0.004	85.56	0.051	86.08	0.095
85.05	0.005	85.57	0.051	86.09	0.096
85.06	0.006	85.58	0.052	86.10	0.097
85.07	0.006	85.59	0.053	86.11	0.098
85.08	0.007	85.60	0.054	86.12	0.098
85.09	0.008	85.61	0.055	86.13	0.099
85.10	0.009	85.62	0.056	86.14	0.100
85.11	0.010	85.63	0.057	86.15	0.101
85.12	0.011	85.64	0.058	86.16	0.102
85.13	0.012	85.65	0.058	86.17	0.103
85.14	0.013	85.66	0.059	86.18	0.103
85.15	0.014	85.67	0.060	86.19	0.104
85.16	0.015	85.68	0.061	86.20	0.105
85.17	0.016	85.69	0.062	86.21	0.106
85.18	0.016	85.70	0.063	86.22	0.107
85.19	0.017	85.71	0.064	86.23	0.107
85.20	0.018	85.72	0.065	86.24	0.108
85.21	0.019	85.73	0.065	86.25	0.109
85.22	0.020	85.74	0.066	86.26	0.110
85.23	0.021	85.75	0.067	86.27	0.111
85.24	0.022	85.76	0.068	86.28	0.111
85.25	0.023	85.77	0.069	86.29	0.112
85.26	0.024	85.78	0.070	86.30	0.113
85.27	0.025	85.79	0.071	86.31	0.114
85.28	0.026	85.80	0.071	86.32	0.115
85.29	0.026	85.81	0.072	86.33	0.115
85.30	0.027	85.82	0.073	86.34	0.116
85.31	0.028	85.83	0.074	86.35	0.117
85.32	0.029	85.84	0.075	86.36	0.118
85.33	0.030	85.85	0.076	86.37	0.119
85.34	0.031	85.86	0.077	86.38	0.119
85.35	0.032	85.87	0.077	86.39	0.120
85.36	0.033	85.88	0.078	86.40	0.121
85.37	0.034	85.89	0.079	86.41	0.122
85.38	0.035	85.90	0.080	86.42	0.122
85.39	0.035	85.91	0.081	86.43	0.123
85.40	0.036	85.92	0.082	86.44	0.124
85.41	0.037	85.93	0.082	86.45	0.125
85.42	0.038	85.94	0.083	86.46	0.126
85.43	0.039	85.95	0.084	86.47	0.126
85.44	0.040	85.96	0.085	86.48	0.127
85.45	0.041	85.97	0.086	86.49	0.128
85.46	0.042	85.98	0.087	86.50	0.129
85.47	0.043	85.99	0.088	86.51	0.129
85.48	0.043	86.00	0.088	86.52	0.130
85.49	0.044	86.01	0.089	86.53	0.131
85.50	0.045	86.02	0.090	86.54	0.132
85.51	0.046	86.03	0.091	86.55	0.132

Stage-Area-Storage for Pond 14P: POND 1 (continued)

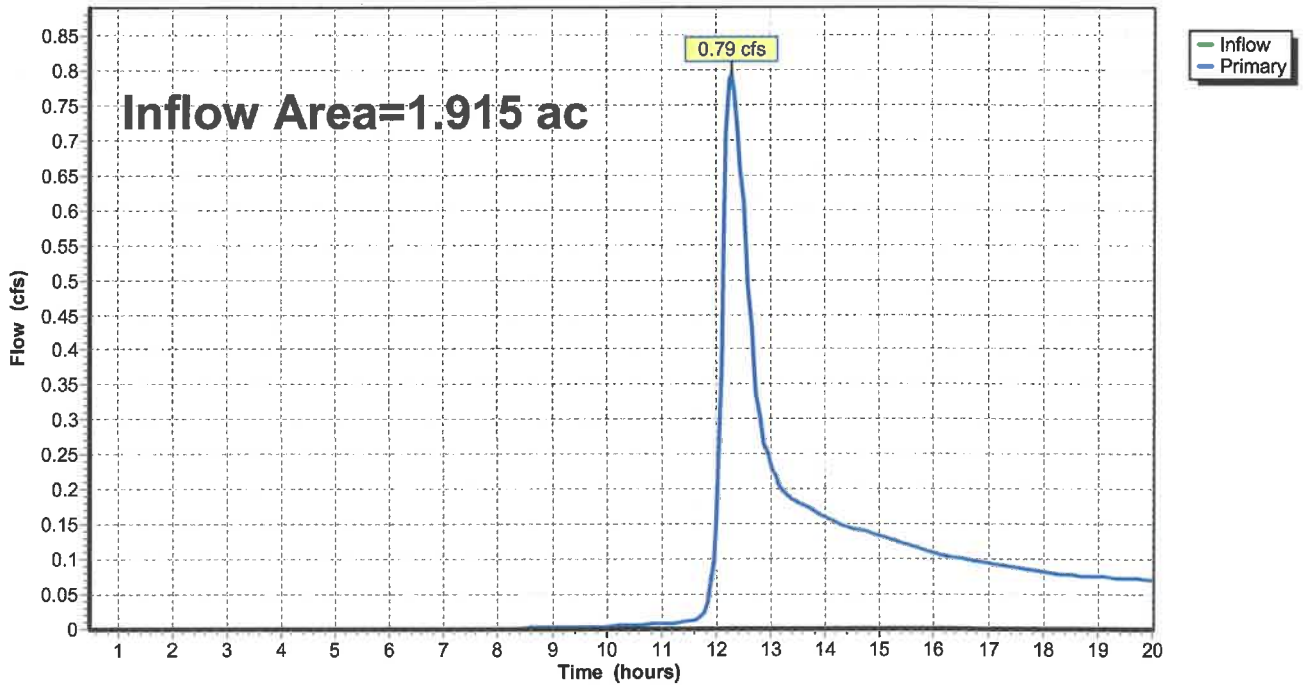
Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
86.56	0.133	87.08	0.166	87.60	0.189
86.57	0.134	87.09	0.167	87.61	0.189
86.58	0.135	87.10	0.167	87.62	0.190
86.59	0.135	87.11	0.168	87.63	0.190
86.60	0.136	87.12	0.168	87.64	0.191
86.61	0.137	87.13	0.169	87.65	0.191
86.62	0.137	87.14	0.169	87.66	0.191
86.63	0.138	87.15	0.170	87.67	0.192
86.64	0.139	87.16	0.170	87.68	0.192
86.65	0.140	87.17	0.170	87.69	0.193
86.66	0.140	87.18	0.171	87.70	0.193
86.67	0.141	87.19	0.171	87.71	**0.194**
86.68	0.142	87.20	0.172		
86.69	0.142	87.21	0.172		
86.70	0.143	87.22	0.173		
86.71	0.144	87.23	0.173		
86.72	0.145	87.24	0.173		
86.73	0.145	87.25	0.174		
86.74	0.146	87.26	0.174		
86.75	0.147	87.27	0.175		
86.76	0.147	87.28	0.175		
86.77	0.148	87.29	0.176		
86.78	0.149	87.30	0.176		
86.79	0.149	87.31	0.176		
86.80	0.150	87.32	0.177		
86.81	0.151	87.33	0.177		
86.82	0.151	87.34	0.178		
86.83	0.152	87.35	0.178		
86.84	0.153	87.36	0.179		
86.85	0.153	87.37	0.179		
86.86	0.154	87.38	0.179		
86.87	0.155	87.39	0.180		
86.88	0.155	87.40	0.180		
86.89	0.156	87.41	0.181		
86.90	0.156	87.42	0.181		
86.91	0.157	87.43	0.182		
86.92	0.158	87.44	0.182		
86.93	0.158	87.45	0.182		
86.94	0.159	87.46	0.183		
86.95	0.159	87.47	0.183		
86.96	0.160	87.48	0.184		
86.97	0.161	87.49	0.184		
86.98	0.161	87.50	0.185		
86.99	0.162	87.51	0.185		
87.00	0.162	87.52	0.185		
87.01	0.163	87.53	0.186		
87.02	0.163	87.54	0.186		
87.03	0.164	87.55	0.187		
87.04	0.164	87.56	0.187		
87.05	0.165	87.57	0.188		
87.06	0.165	87.58	0.188		
87.07	0.166	87.59	0.188		

Subcatchment 15S: YD



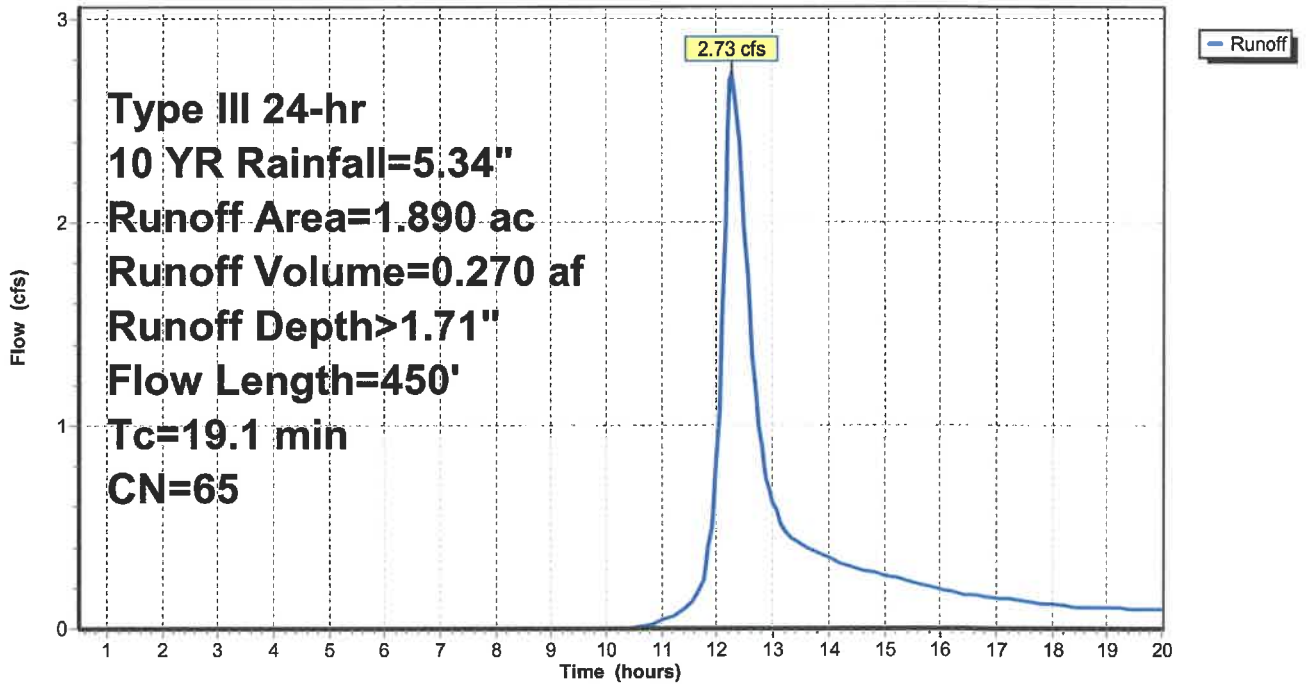
Link 16L: P-OUT YD

Hydrograph

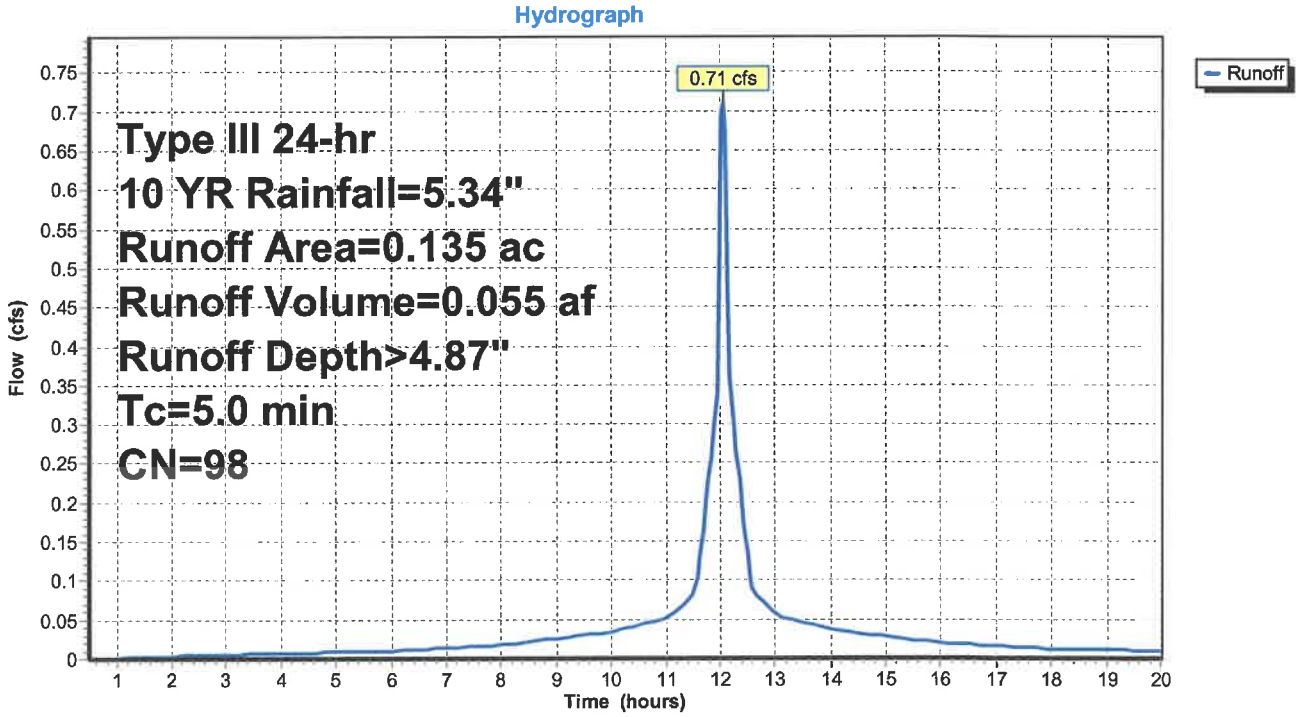


Subcatchment 3S: EX

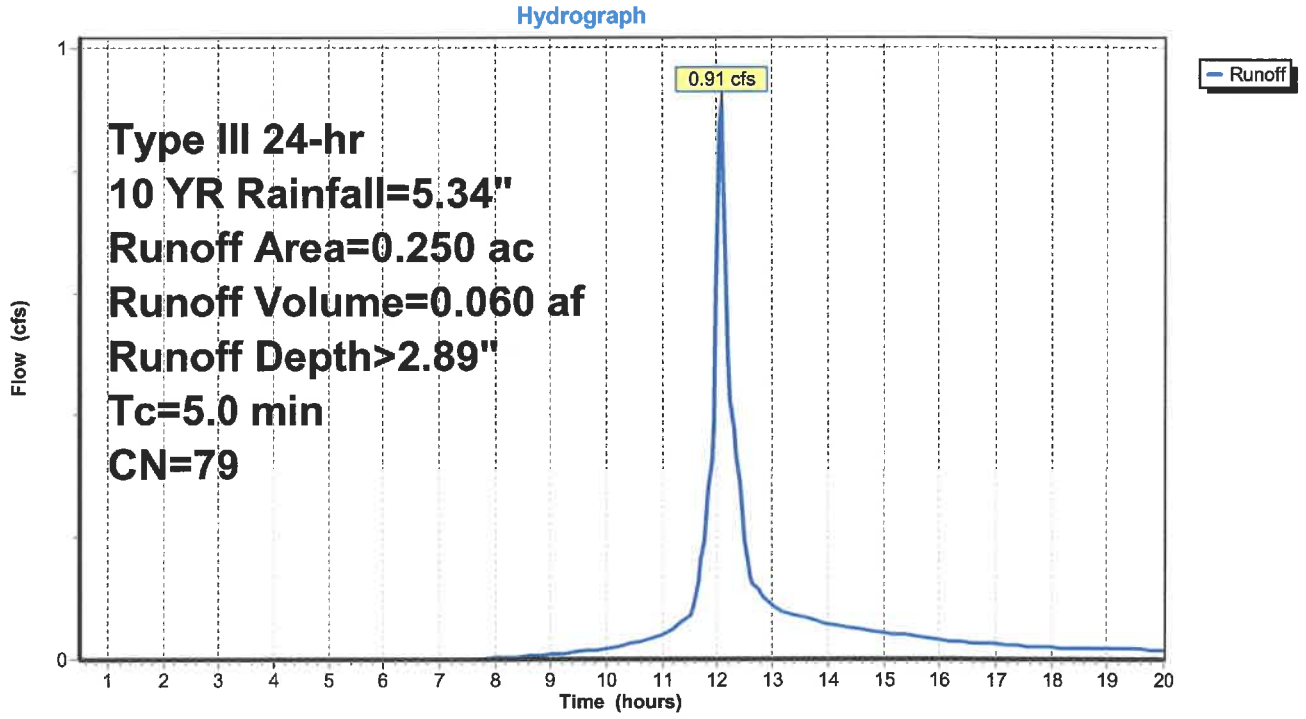
Hydrograph



Subcatchment 10S: ROOF

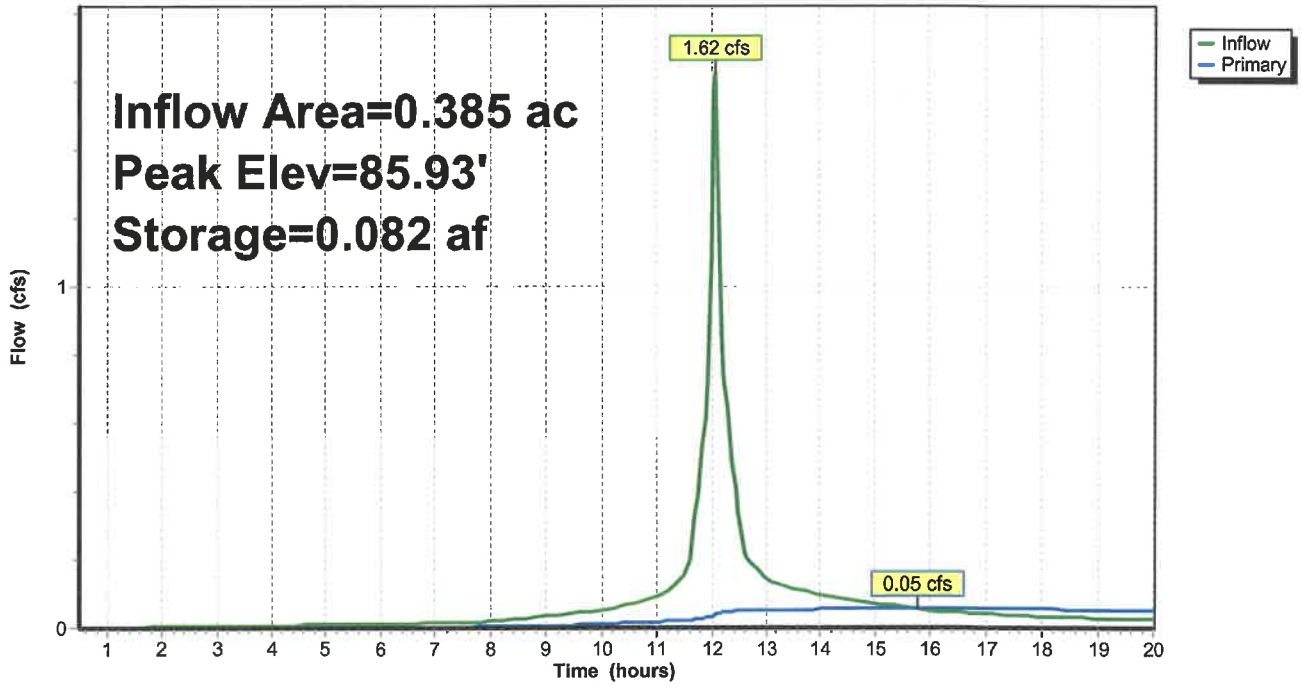


Subcatchment 13S: REV A



Pond 14P: POND 1

Hydrograph



Stage-Discharge for Pond 14P: POND 1

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
85.00	0.00	85.52	0.04	86.04	0.06	86.56	0.07
85.01	0.00	85.53	0.04	86.05	0.06	86.57	0.07
85.02	0.00	85.54	0.04	86.06	0.06	86.58	0.07
85.03	0.00	85.55	0.04	86.07	0.06	86.59	0.07
85.04	0.00	85.56	0.04	86.08	0.06	86.60	0.07
85.05	0.00	85.57	0.04	86.09	0.06	86.61	0.07
85.06	0.00	85.58	0.04	86.10	0.06	86.62	0.07
85.07	0.01	85.59	0.04	86.11	0.06	86.63	0.07
85.08	0.01	85.60	0.04	86.12	0.06	86.64	0.07
85.09	0.01	85.61	0.04	86.13	0.06	86.65	0.07
85.10	0.01	85.62	0.04	86.14	0.06	86.66	0.07
85.11	0.01	85.63	0.04	86.15	0.06	86.67	0.07
85.12	0.01	85.64	0.04	86.16	0.06	86.68	0.08
85.13	0.02	85.65	0.05	86.17	0.06	86.69	0.08
85.14	0.02	85.66	0.05	86.18	0.06	86.70	0.08
85.15	0.02	85.67	0.05	86.19	0.06	86.71	0.08
85.16	0.02	85.68	0.05	86.20	0.06	86.72	0.08
85.17	0.02	85.69	0.05	86.21	0.06	86.73	0.08
85.18	0.02	85.70	0.05	86.22	0.06	86.74	0.08
85.19	0.02	85.71	0.05	86.23	0.06	86.75	0.08
85.20	0.02	85.72	0.05	86.24	0.06	86.76	0.08
85.21	0.02	85.73	0.05	86.25	0.06	86.77	0.08
85.22	0.02	85.74	0.05	86.26	0.06	86.78	0.08
85.23	0.02	85.75	0.05	86.27	0.06	86.79	0.08
85.24	0.02	85.76	0.05	86.28	0.07	86.80	0.08
85.25	0.03	85.77	0.05	86.29	0.07	86.81	0.08
85.26	0.03	85.78	0.05	86.30	0.07	86.82	0.08
85.27	0.03	85.79	0.05	86.31	0.07	86.83	0.08
85.28	0.03	85.80	0.05	86.32	0.07	86.84	0.08
85.29	0.03	85.81	0.05	86.33	0.07	86.85	0.08
85.30	0.03	85.82	0.05	86.34	0.07	86.86	0.08
85.31	0.03	85.83	0.05	86.35	0.07	86.87	0.08
85.32	0.03	85.84	0.05	86.36	0.07	86.88	0.08
85.33	0.03	85.85	0.05	86.37	0.07	86.89	0.08
85.34	0.03	85.86	0.05	86.38	0.07	86.90	0.08
85.35	0.03	85.87	0.05	86.39	0.07	86.91	0.08
85.36	0.03	85.88	0.05	86.40	0.07	86.92	0.08
85.37	0.03	85.89	0.05	86.41	0.07	86.93	0.08
85.38	0.03	85.90	0.05	86.42	0.07	86.94	0.08
85.39	0.03	85.91	0.05	86.43	0.07	86.95	0.08
85.40	0.03	85.92	0.05	86.44	0.07	86.96	0.08
85.41	0.03	85.93	0.06	86.45	0.07	86.97	0.08
85.42	0.04	85.94	0.06	86.46	0.07	86.98	0.08
85.43	0.04	85.95	0.06	86.47	0.07	86.99	0.08
85.44	0.04	85.96	0.06	86.48	0.07	87.00	0.08
85.45	0.04	85.97	0.06	86.49	0.07	87.01	0.08
85.46	0.04	85.98	0.06	86.50	0.07	87.02	0.08
85.47	0.04	85.99	0.06	86.51	0.07	87.03	0.08
85.48	0.04	86.00	0.06	86.52	0.07	87.04	0.08
85.49	0.04	86.01	0.06	86.53	0.07	87.05	0.08
85.50	0.04	86.02	0.06	86.54	0.07	87.06	0.08
85.51	0.04	86.03	0.06	86.55	0.07	87.07	0.08

Stage-Discharge for Pond 14P: POND 1 (continued)

Elevation (feet)	Primary (cfs)
87.08	0.08
87.09	0.08
87.10	0.08
87.11	0.08
87.12	0.08
87.13	0.08
87.14	0.09
87.15	0.09
87.16	0.09
87.17	0.09
87.18	0.09
87.19	0.09
87.20	0.09
87.21	0.09
87.22	0.09
87.23	0.09
87.24	0.09
87.25	0.09
87.26	0.09
87.27	0.09
87.28	0.09
87.29	0.09
87.30	0.09
87.31	0.09
87.32	0.09
87.33	0.09
87.34	0.09
87.35	0.09
87.36	0.09
87.37	0.09
87.38	0.09
87.39	0.09
87.40	0.09
87.41	0.09
87.42	0.09
87.43	0.09
87.44	0.09
87.45	0.09
87.46	0.09
87.47	0.09
87.48	0.09
87.49	0.09
87.50	0.09
87.51	0.09
87.52	0.09
87.53	0.09
87.54	0.09
87.55	0.09
87.56	0.09
87.57	0.09
87.58	0.09
87.59	0.09
87.60	0.09
87.61	0.09
87.62	0.09
87.63	0.09
87.64	0.09
87.65	0.10
87.66	0.10
87.67	0.10
87.68	0.10
87.69	0.10
87.70	0.10
87.71	**0.10**

Stage-Area-Storage for Pond 14P: POND 1

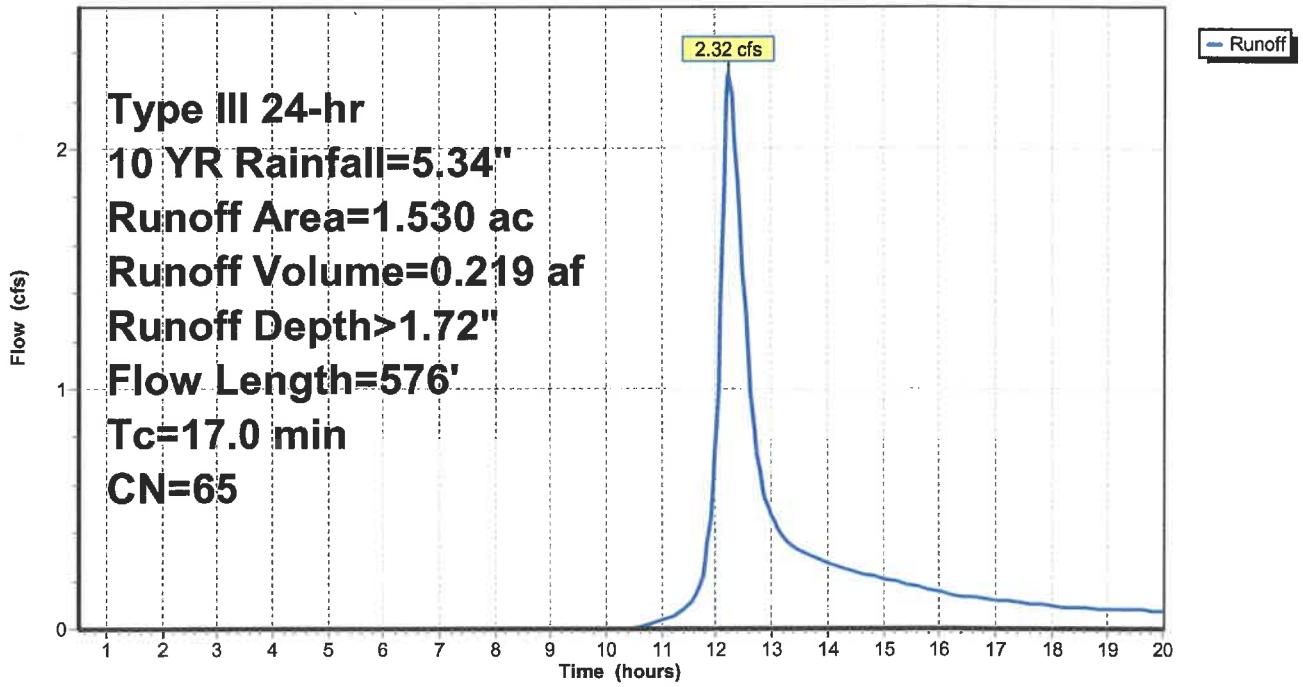
Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
85.00	0.000	85.52	0.047	86.04	0.092
85.01	0.001	85.53	0.048	86.05	0.093
85.02	0.002	85.54	0.049	86.06	0.093
85.03	0.003	85.55	0.050	86.07	0.094
85.04	0.004	85.56	0.051	86.08	0.095
85.05	0.005	85.57	0.051	86.09	0.096
85.06	0.006	85.58	0.052	86.10	0.097
85.07	0.006	85.59	0.053	86.11	0.098
85.08	0.007	85.60	0.054	86.12	0.098
85.09	0.008	85.61	0.055	86.13	0.099
85.10	0.009	85.62	0.056	86.14	0.100
85.11	0.010	85.63	0.057	86.15	0.101
85.12	0.011	85.64	0.058	86.16	0.102
85.13	0.012	85.65	0.058	86.17	0.103
85.14	0.013	85.66	0.059	86.18	0.103
85.15	0.014	85.67	0.060	86.19	0.104
85.16	0.015	85.68	0.061	86.20	0.105
85.17	0.016	85.69	0.062	86.21	0.106
85.18	0.016	85.70	0.063	86.22	0.107
85.19	0.017	85.71	0.064	86.23	0.107
85.20	0.018	85.72	0.065	86.24	0.108
85.21	0.019	85.73	0.065	86.25	0.109
85.22	0.020	85.74	0.066	86.26	0.110
85.23	0.021	85.75	0.067	86.27	0.111
85.24	0.022	85.76	0.068	86.28	0.111
85.25	0.023	85.77	0.069	86.29	0.112
85.26	0.024	85.78	0.070	86.30	0.113
85.27	0.025	85.79	0.071	86.31	0.114
85.28	0.026	85.80	0.071	86.32	0.115
85.29	0.026	85.81	0.072	86.33	0.115
85.30	0.027	85.82	0.073	86.34	0.116
85.31	0.028	85.83	0.074	86.35	0.117
85.32	0.029	85.84	0.075	86.36	0.118
85.33	0.030	85.85	0.076	86.37	0.119
85.34	0.031	85.86	0.077	86.38	0.119
85.35	0.032	85.87	0.077	86.39	0.120
85.36	0.033	85.88	0.078	86.40	0.121
85.37	0.034	85.89	0.079	86.41	0.122
85.38	0.035	85.90	0.080	86.42	0.122
85.39	0.035	85.91	0.081	86.43	0.123
85.40	0.036	85.92	0.082	86.44	0.124
85.41	0.037	85.93	0.082	86.45	0.125
85.42	0.038	85.94	0.083	86.46	0.126
85.43	0.039	85.95	0.084	86.47	0.126
85.44	0.040	85.96	0.085	86.48	0.127
85.45	0.041	85.97	0.086	86.49	0.128
85.46	0.042	85.98	0.087	86.50	0.129
85.47	0.043	85.99	0.088	86.51	0.129
85.48	0.043	86.00	0.088	86.52	0.130
85.49	0.044	86.01	0.089	86.53	0.131
85.50	0.045	86.02	0.090	86.54	0.132
85.51	0.046	86.03	0.091	86.55	0.132

Stage-Area-Storage for Pond 14P: POND 1 (continued)

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
86.56	0.133	87.08	0.166	87.60	0.189
86.57	0.134	87.09	0.167	87.61	0.189
86.58	0.135	87.10	0.167	87.62	0.190
86.59	0.135	87.11	0.168	87.63	0.190
86.60	0.136	87.12	0.168	87.64	0.191
86.61	0.137	87.13	0.169	87.65	0.191
86.62	0.137	87.14	0.169	87.66	0.191
86.63	0.138	87.15	0.170	87.67	0.192
86.64	0.139	87.16	0.170	87.68	0.192
86.65	0.140	87.17	0.170	87.69	0.193
86.66	0.140	87.18	0.171	87.70	0.193
86.67	0.141	87.19	0.171	87.71	**0.194**
86.68	0.142	87.20	0.172		
86.69	0.142	87.21	0.172		
86.70	0.143	87.22	0.173		
86.71	0.144	87.23	0.173		
86.72	0.145	87.24	0.173		
86.73	0.145	87.25	0.174		
86.74	0.146	87.26	0.174		
86.75	0.147	87.27	0.175		
86.76	0.147	87.28	0.175		
86.77	0.148	87.29	0.176		
86.78	0.149	87.30	0.176		
86.79	0.149	87.31	0.176		
86.80	0.150	87.32	0.177		
86.81	0.151	87.33	0.177		
86.82	0.151	87.34	0.178		
86.83	0.152	87.35	0.178		
86.84	0.153	87.36	0.179		
86.85	0.153	87.37	0.179		
86.86	0.154	87.38	0.179		
86.87	0.155	87.39	0.180		
86.88	0.155	87.40	0.180		
86.89	0.156	87.41	0.181		
86.90	0.156	87.42	0.181		
86.91	0.157	87.43	0.182		
86.92	0.158	87.44	0.182		
86.93	0.158	87.45	0.182		
86.94	0.159	87.46	0.183		
86.95	0.159	87.47	0.183		
86.96	0.160	87.48	0.184		
86.97	0.161	87.49	0.184		
86.98	0.161	87.50	0.185		
86.99	0.162	87.51	0.185		
87.00	0.162	87.52	0.185		
87.01	0.163	87.53	0.186		
87.02	0.163	87.54	0.186		
87.03	0.164	87.55	0.187		
87.04	0.164	87.56	0.187		
87.05	0.165	87.57	0.188		
87.06	0.165	87.58	0.188		
87.07	0.166	87.59	0.188		

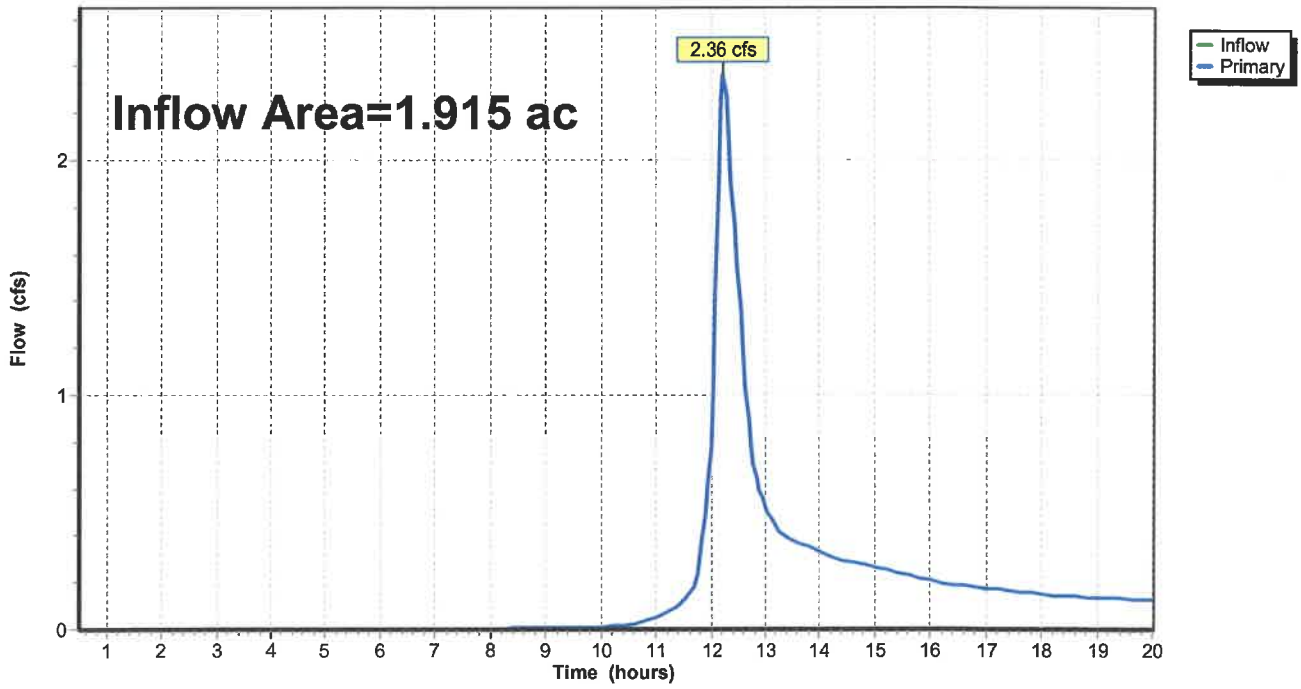
Subcatchment 15S: YD

Hydrograph

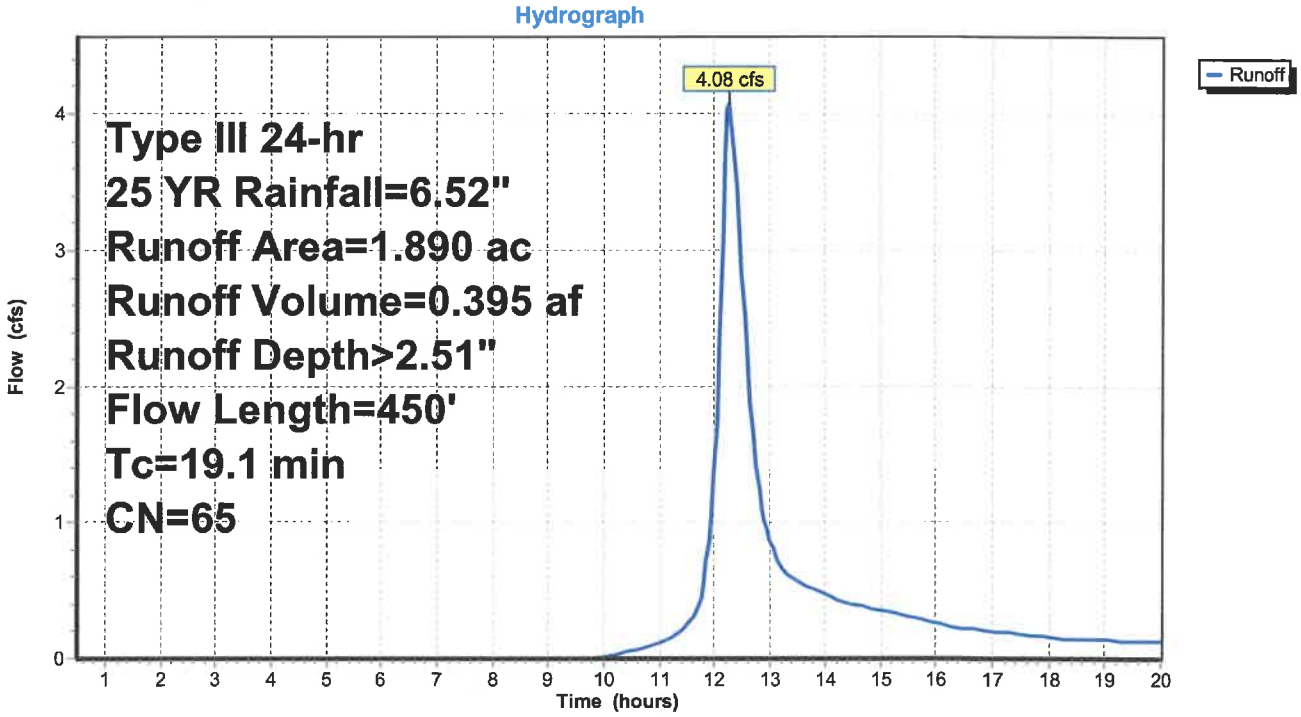


Link 16L: P-OUT YD

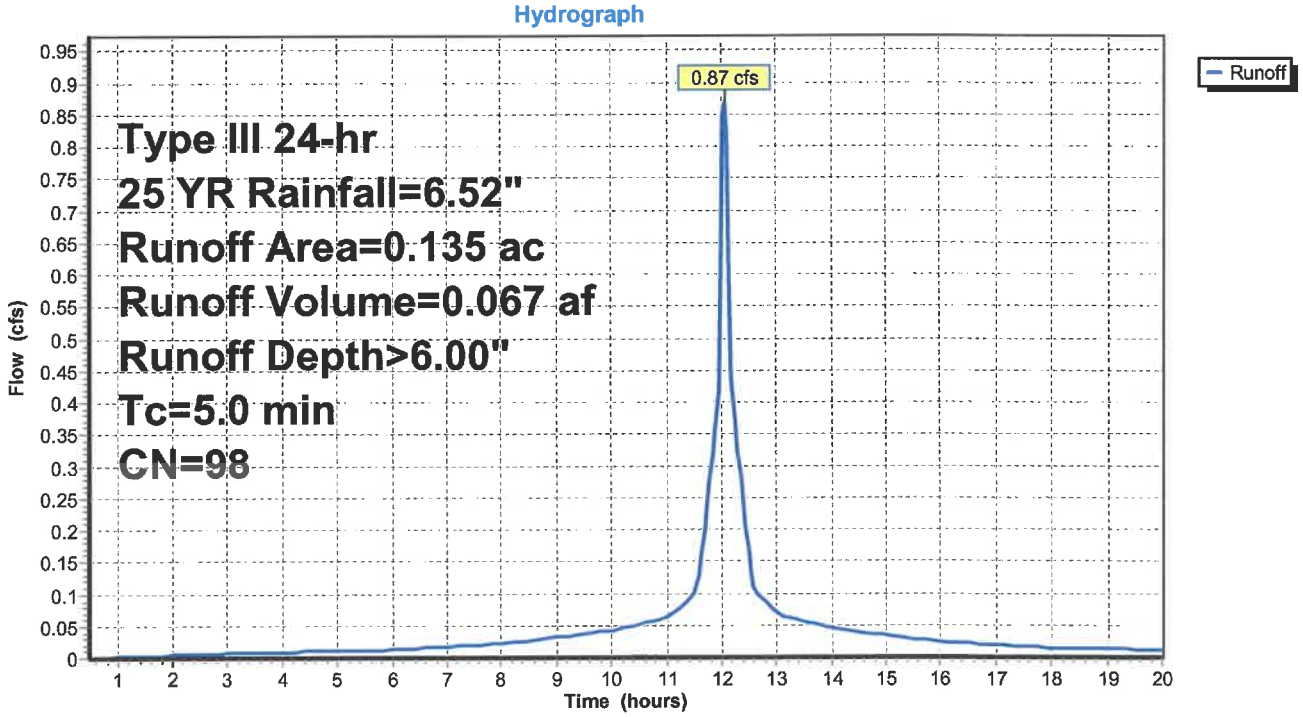
Hydrograph



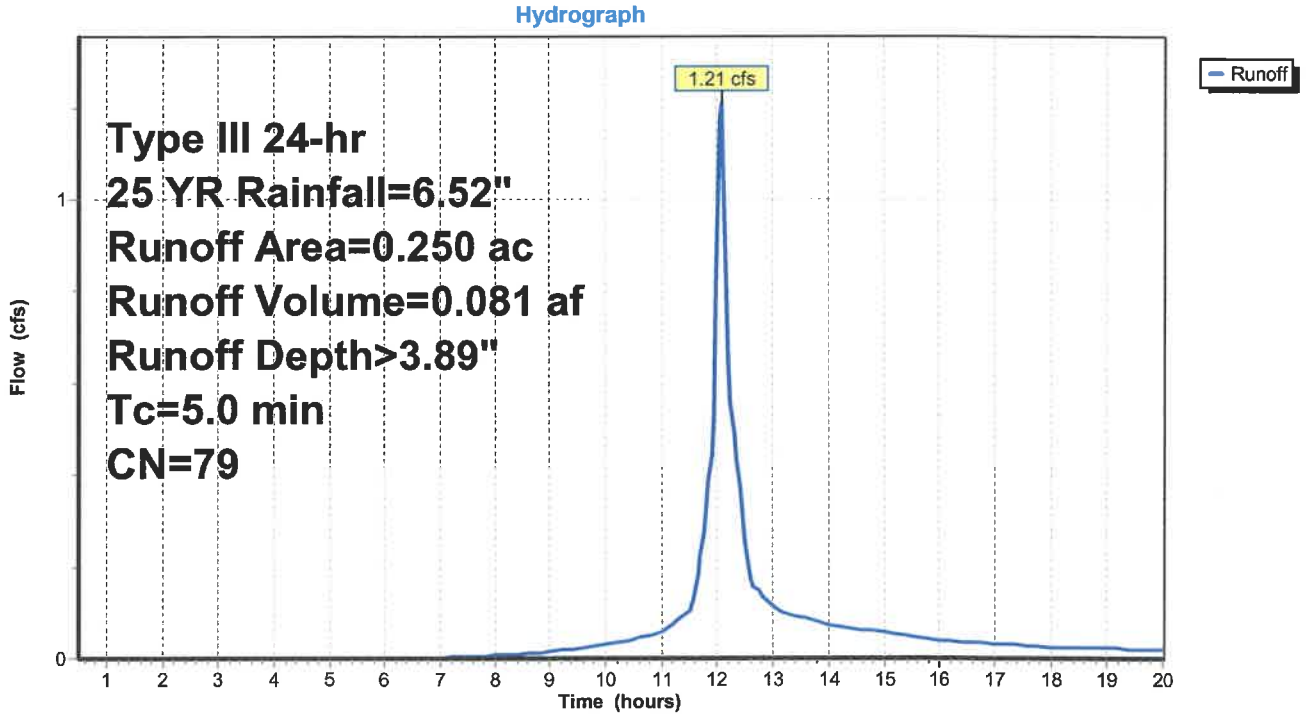
Subcatchment 3S: EX



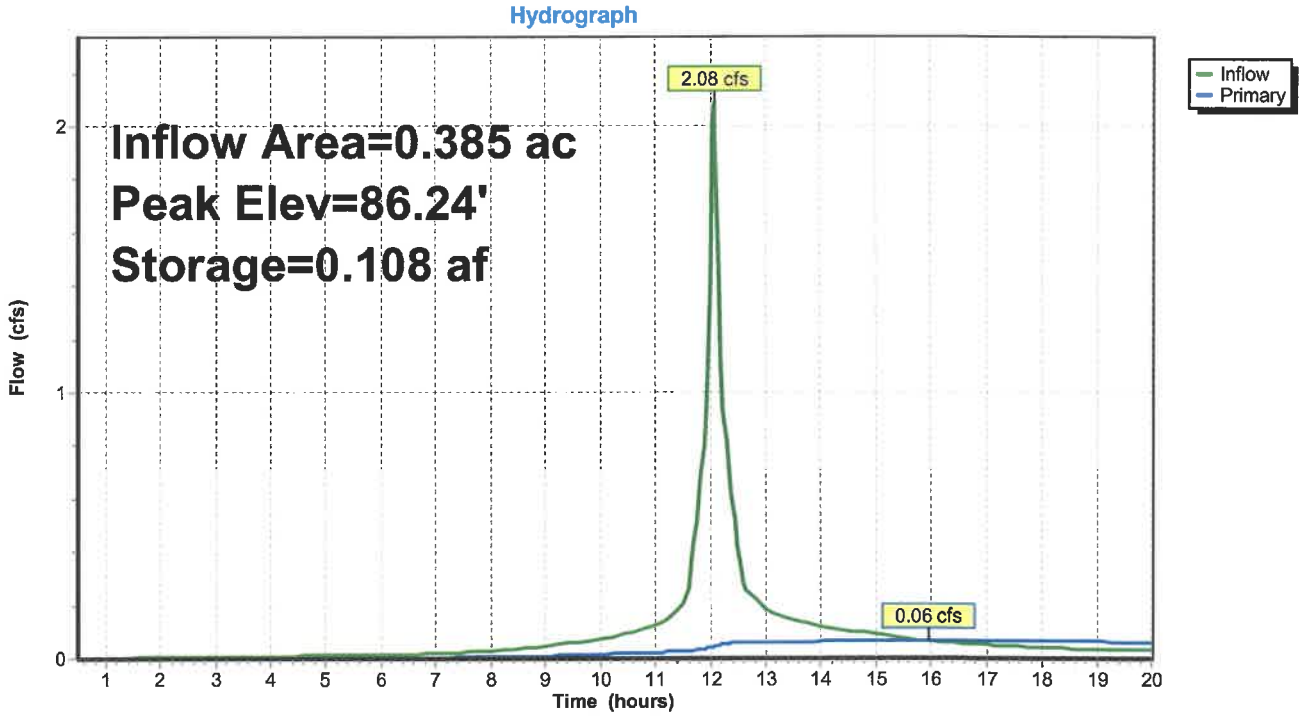
Subcatchment 10S: ROOF



Subcatchment 13S: REV A



Pond 14P: POND 1



Stage-Discharge for Pond 14P: POND 1

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
85.00	0.00	85.52	0.04	86.04	0.06	86.56	0.07
85.01	0.00	85.53	0.04	86.05	0.06	86.57	0.07
85.02	0.00	85.54	0.04	86.06	0.06	86.58	0.07
85.03	0.00	85.55	0.04	86.07	0.06	86.59	0.07
85.04	0.00	85.56	0.04	86.08	0.06	86.60	0.07
85.05	0.00	85.57	0.04	86.09	0.06	86.61	0.07
85.06	0.00	85.58	0.04	86.10	0.06	86.62	0.07
85.07	0.01	85.59	0.04	86.11	0.06	86.63	0.07
85.08	0.01	85.60	0.04	86.12	0.06	86.64	0.07
85.09	0.01	85.61	0.04	86.13	0.06	86.65	0.07
85.10	0.01	85.62	0.04	86.14	0.06	86.66	0.07
85.11	0.01	85.63	0.04	86.15	0.06	86.67	0.07
85.12	0.01	85.64	0.04	86.16	0.06	86.68	0.08
85.13	0.02	85.65	0.05	86.17	0.06	86.69	0.08
85.14	0.02	85.66	0.05	86.18	0.06	86.70	0.08
85.15	0.02	85.67	0.05	86.19	0.06	86.71	0.08
85.16	0.02	85.68	0.05	86.20	0.06	86.72	0.08
85.17	0.02	85.69	0.05	86.21	0.06	86.73	0.08
85.18	0.02	85.70	0.05	86.22	0.06	86.74	0.08
85.19	0.02	85.71	0.05	86.23	0.06	86.75	0.08
85.20	0.02	85.72	0.05	86.24	0.06	86.76	0.08
85.21	0.02	85.73	0.05	86.25	0.06	86.77	0.08
85.22	0.02	85.74	0.05	86.26	0.06	86.78	0.08
85.23	0.02	85.75	0.05	86.27	0.06	86.79	0.08
85.24	0.02	85.76	0.05	86.28	0.07	86.80	0.08
85.25	0.03	85.77	0.05	86.29	0.07	86.81	0.08
85.26	0.03	85.78	0.05	86.30	0.07	86.82	0.08
85.27	0.03	85.79	0.05	86.31	0.07	86.83	0.08
85.28	0.03	85.80	0.05	86.32	0.07	86.84	0.08
85.29	0.03	85.81	0.05	86.33	0.07	86.85	0.08
85.30	0.03	85.82	0.05	86.34	0.07	86.86	0.08
85.31	0.03	85.83	0.05	86.35	0.07	86.87	0.08
85.32	0.03	85.84	0.05	86.36	0.07	86.88	0.08
85.33	0.03	85.85	0.05	86.37	0.07	86.89	0.08
85.34	0.03	85.86	0.05	86.38	0.07	86.90	0.08
85.35	0.03	85.87	0.05	86.39	0.07	86.91	0.08
85.36	0.03	85.88	0.05	86.40	0.07	86.92	0.08
85.37	0.03	85.89	0.05	86.41	0.07	86.93	0.08
85.38	0.03	85.90	0.05	86.42	0.07	86.94	0.08
85.39	0.03	85.91	0.05	86.43	0.07	86.95	0.08
85.40	0.03	85.92	0.05	86.44	0.07	86.96	0.08
85.41	0.03	85.93	0.06	86.45	0.07	86.97	0.08
85.42	0.04	85.94	0.06	86.46	0.07	86.98	0.08
85.43	0.04	85.95	0.06	86.47	0.07	86.99	0.08
85.44	0.04	85.96	0.06	86.48	0.07	87.00	0.08
85.45	0.04	85.97	0.06	86.49	0.07	87.01	0.08
85.46	0.04	85.98	0.06	86.50	0.07	87.02	0.08
85.47	0.04	85.99	0.06	86.51	0.07	87.03	0.08
85.48	0.04	86.00	0.06	86.52	0.07	87.04	0.08
85.49	0.04	86.01	0.06	86.53	0.07	87.05	0.08
85.50	0.04	86.02	0.06	86.54	0.07	87.06	0.08
85.51	0.04	86.03	0.06	86.55	0.07	87.07	0.08

Stage-Discharge for Pond 14P: POND 1 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
87.08	0.08	87.60	0.09
87.09	0.08	87.61	0.09
87.10	0.08	87.62	0.09
87.11	0.08	87.63	0.09
87.12	0.08	87.64	0.09
87.13	0.08	87.65	0.10
87.14	0.09	87.66	0.10
87.15	0.09	87.67	0.10
87.16	0.09	87.68	0.10
87.17	0.09	87.69	0.10
87.18	0.09	87.70	0.10
87.19	0.09	87.71	**0.10**
87.20	0.09		
87.21	0.09		
87.22	0.09		
87.23	0.09		
87.24	0.09		
87.25	0.09		
87.26	0.09		
87.27	0.09		
87.28	0.09		
87.29	0.09		
87.30	0.09		
87.31	0.09		
87.32	0.09		
87.33	0.09		
87.34	0.09		
87.35	0.09		
87.36	0.09		
87.37	0.09		
87.38	0.09		
87.39	0.09		
87.40	0.09		
87.41	0.09		
87.42	0.09		
87.43	0.09		
87.44	0.09		
87.45	0.09		
87.46	0.09		
87.47	0.09		
87.48	0.09		
87.49	0.09		
87.50	0.09		
87.51	0.09		
87.52	0.09		
87.53	0.09		
87.54	0.09		
87.55	0.09		
87.56	0.09		
87.57	0.09		
87.58	0.09		
87.59	0.09		

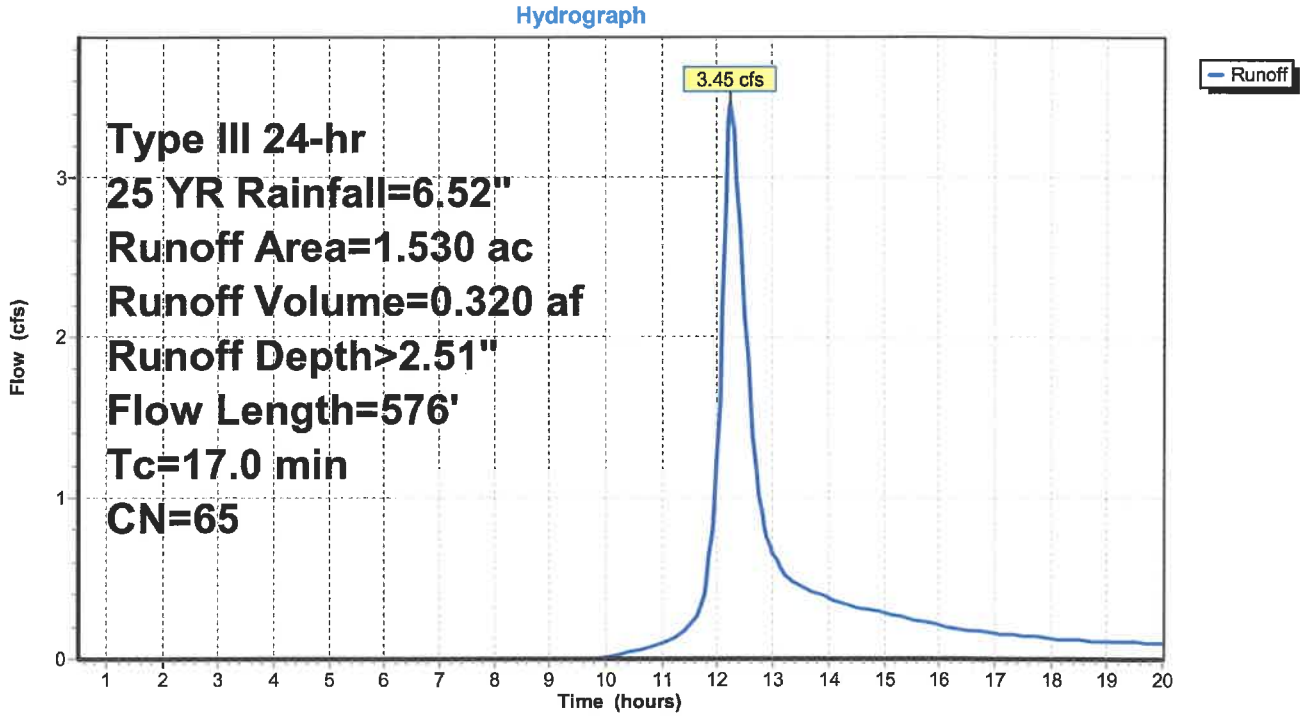
Stage-Area-Storage for Pond 14P: POND 1

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
85.00	0.000	85.52	0.047	86.04	0.092
85.01	0.001	85.53	0.048	86.05	0.093
85.02	0.002	85.54	0.049	86.06	0.093
85.03	0.003	85.55	0.050	86.07	0.094
85.04	0.004	85.56	0.051	86.08	0.095
85.05	0.005	85.57	0.051	86.09	0.096
85.06	0.006	85.58	0.052	86.10	0.097
85.07	0.006	85.59	0.053	86.11	0.098
85.08	0.007	85.60	0.054	86.12	0.098
85.09	0.008	85.61	0.055	86.13	0.099
85.10	0.009	85.62	0.056	86.14	0.100
85.11	0.010	85.63	0.057	86.15	0.101
85.12	0.011	85.64	0.058	86.16	0.102
85.13	0.012	85.65	0.058	86.17	0.103
85.14	0.013	85.66	0.059	86.18	0.103
85.15	0.014	85.67	0.060	86.19	0.104
85.16	0.015	85.68	0.061	86.20	0.105
85.17	0.016	85.69	0.062	86.21	0.106
85.18	0.016	85.70	0.063	86.22	0.107
85.19	0.017	85.71	0.064	86.23	0.107
85.20	0.018	85.72	0.065	86.24	0.108
85.21	0.019	85.73	0.065	86.25	0.109
85.22	0.020	85.74	0.066	86.26	0.110
85.23	0.021	85.75	0.067	86.27	0.111
85.24	0.022	85.76	0.068	86.28	0.111
85.25	0.023	85.77	0.069	86.29	0.112
85.26	0.024	85.78	0.070	86.30	0.113
85.27	0.025	85.79	0.071	86.31	0.114
85.28	0.026	85.80	0.071	86.32	0.115
85.29	0.026	85.81	0.072	86.33	0.115
85.30	0.027	85.82	0.073	86.34	0.116
85.31	0.028	85.83	0.074	86.35	0.117
85.32	0.029	85.84	0.075	86.36	0.118
85.33	0.030	85.85	0.076	86.37	0.119
85.34	0.031	85.86	0.077	86.38	0.119
85.35	0.032	85.87	0.077	86.39	0.120
85.36	0.033	85.88	0.078	86.40	0.121
85.37	0.034	85.89	0.079	86.41	0.122
85.38	0.035	85.90	0.080	86.42	0.122
85.39	0.035	85.91	0.081	86.43	0.123
85.40	0.036	85.92	0.082	86.44	0.124
85.41	0.037	85.93	0.082	86.45	0.125
85.42	0.038	85.94	0.083	86.46	0.126
85.43	0.039	85.95	0.084	86.47	0.126
85.44	0.040	85.96	0.085	86.48	0.127
85.45	0.041	85.97	0.086	86.49	0.128
85.46	0.042	85.98	0.087	86.50	0.129
85.47	0.043	85.99	0.088	86.51	0.129
85.48	0.043	86.00	0.088	86.52	0.130
85.49	0.044	86.01	0.089	86.53	0.131
85.50	0.045	86.02	0.090	86.54	0.132
85.51	0.046	86.03	0.091	86.55	0.132

Stage-Area-Storage for Pond 14P: POND 1 (continued)

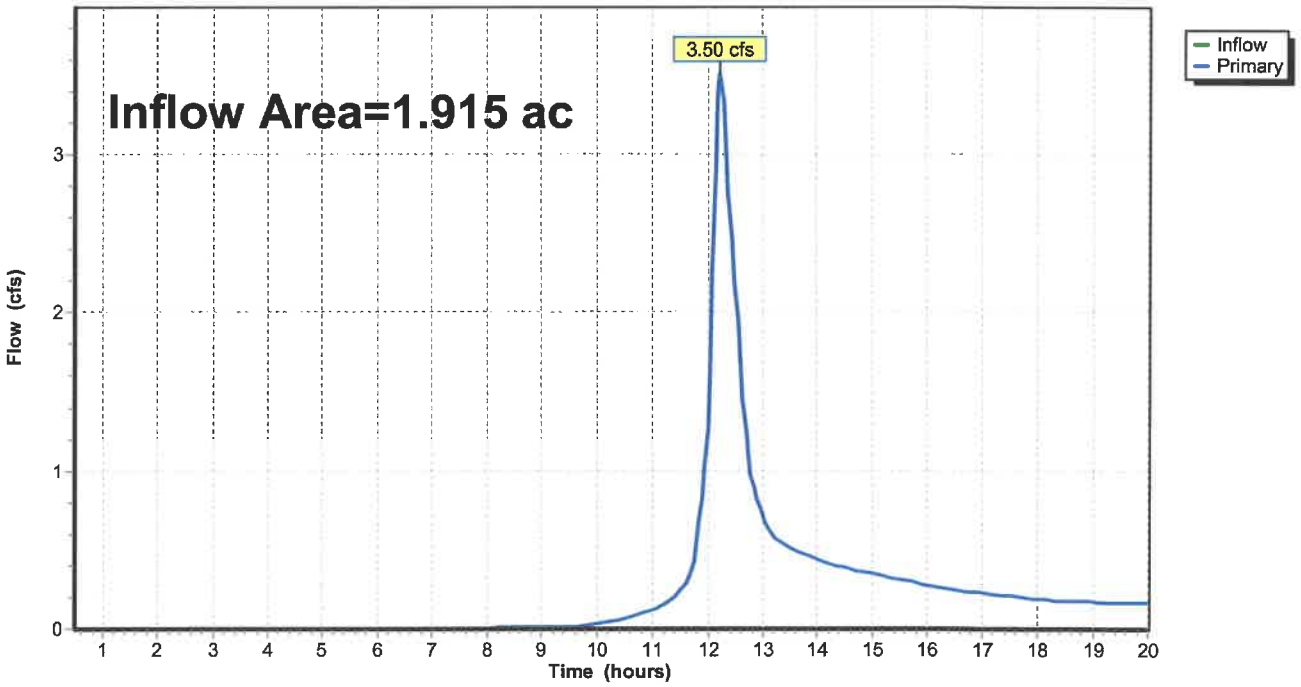
Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
86.56	0.133	87.08	0.166	87.60	0.189
86.57	0.134	87.09	0.167	87.61	0.189
86.58	0.135	87.10	0.167	87.62	0.190
86.59	0.135	87.11	0.168	87.63	0.190
86.60	0.136	87.12	0.168	87.64	0.191
86.61	0.137	87.13	0.169	87.65	0.191
86.62	0.137	87.14	0.169	87.66	0.191
86.63	0.138	87.15	0.170	87.67	0.192
86.64	0.139	87.16	0.170	87.68	0.192
86.65	0.140	87.17	0.170	87.69	0.193
86.66	0.140	87.18	0.171	87.70	0.193
86.67	0.141	87.19	0.171	87.71	**0.194**
86.68	0.142	87.20	0.172		
86.69	0.142	87.21	0.172		
86.70	0.143	87.22	0.173		
86.71	0.144	87.23	0.173		
86.72	0.145	87.24	0.173		
86.73	0.145	87.25	0.174		
86.74	0.146	87.26	0.174		
86.75	0.147	87.27	0.175		
86.76	0.147	87.28	0.175		
86.77	0.148	87.29	0.176		
86.78	0.149	87.30	0.176		
86.79	0.149	87.31	0.176		
86.80	0.150	87.32	0.177		
86.81	0.151	87.33	0.177		
86.82	0.151	87.34	0.178		
86.83	0.152	87.35	0.178		
86.84	0.153	87.36	0.179		
86.85	0.153	87.37	0.179		
86.86	0.154	87.38	0.179		
86.87	0.155	87.39	0.180		
86.88	0.155	87.40	0.180		
86.89	0.156	87.41	0.181		
86.90	0.156	87.42	0.181		
86.91	0.157	87.43	0.182		
86.92	0.158	87.44	0.182		
86.93	0.158	87.45	0.182		
86.94	0.159	87.46	0.183		
86.95	0.159	87.47	0.183		
86.96	0.160	87.48	0.184		
86.97	0.161	87.49	0.184		
86.98	0.161	87.50	0.185		
86.99	0.162	87.51	0.185		
87.00	0.162	87.52	0.185		
87.01	0.163	87.53	0.186		
87.02	0.163	87.54	0.186		
87.03	0.164	87.55	0.187		
87.04	0.164	87.56	0.187		
87.05	0.165	87.57	0.188		
87.06	0.165	87.58	0.188		
87.07	0.166	87.59	0.188		

Subcatchment 15S: YD



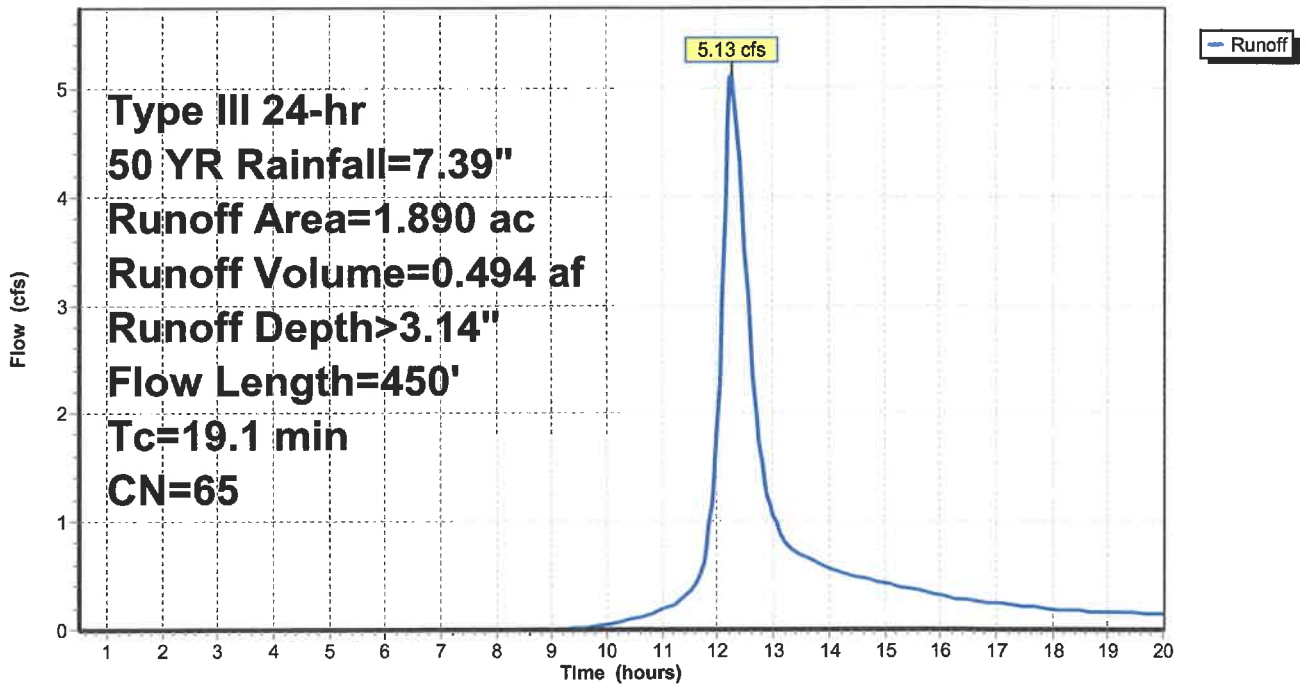
Link 16L: P-OUT YD

Hydrograph

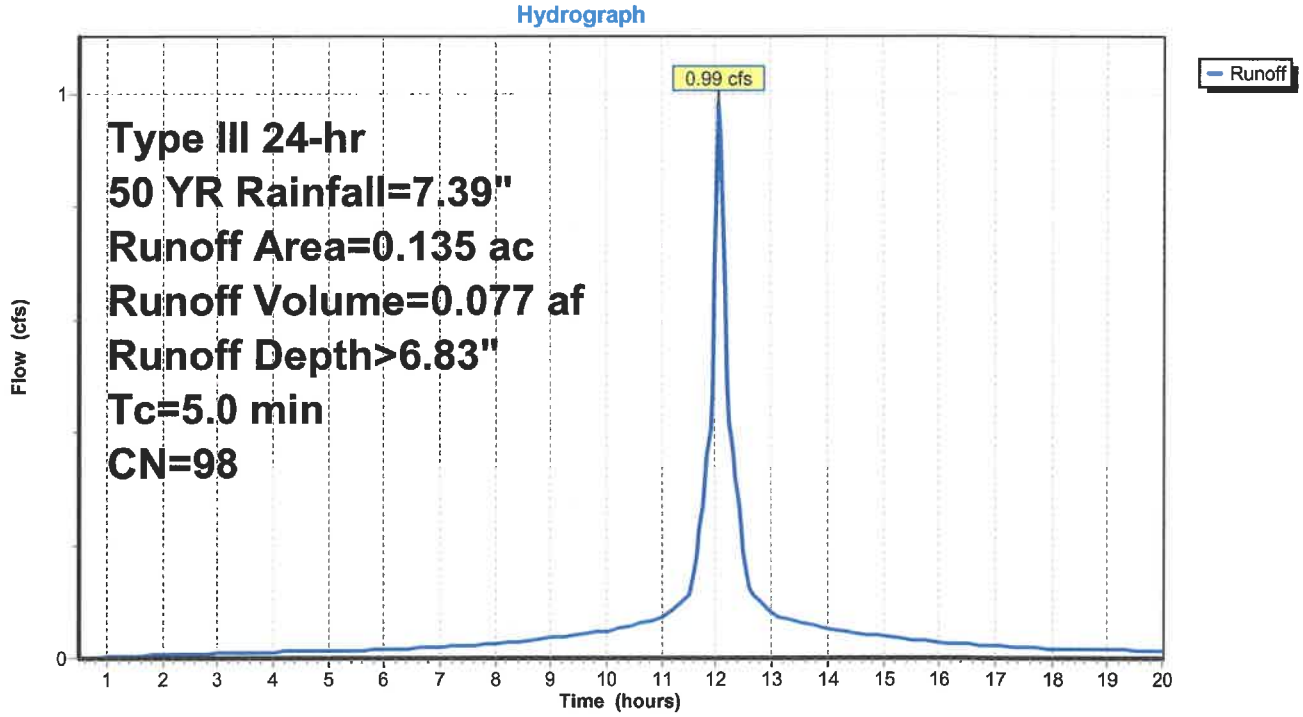


Subcatchment 3S: EX

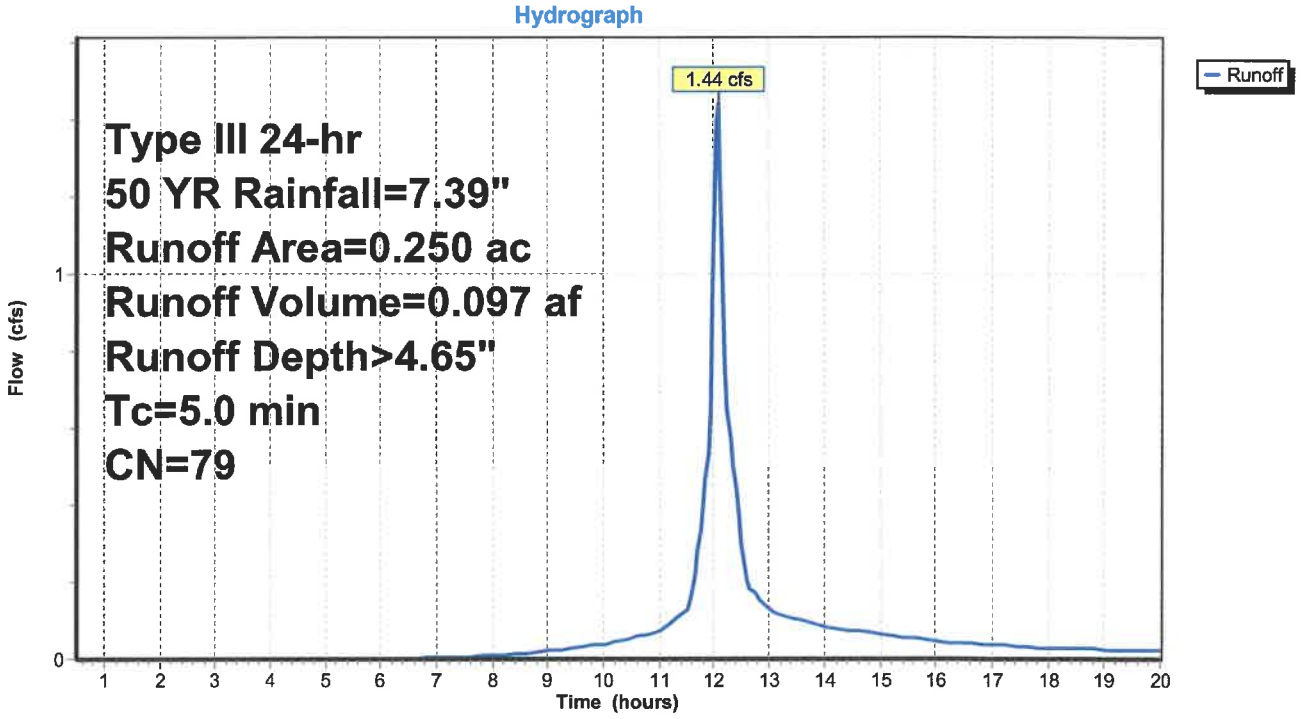
Hydrograph



Subcatchment 10S: ROOF

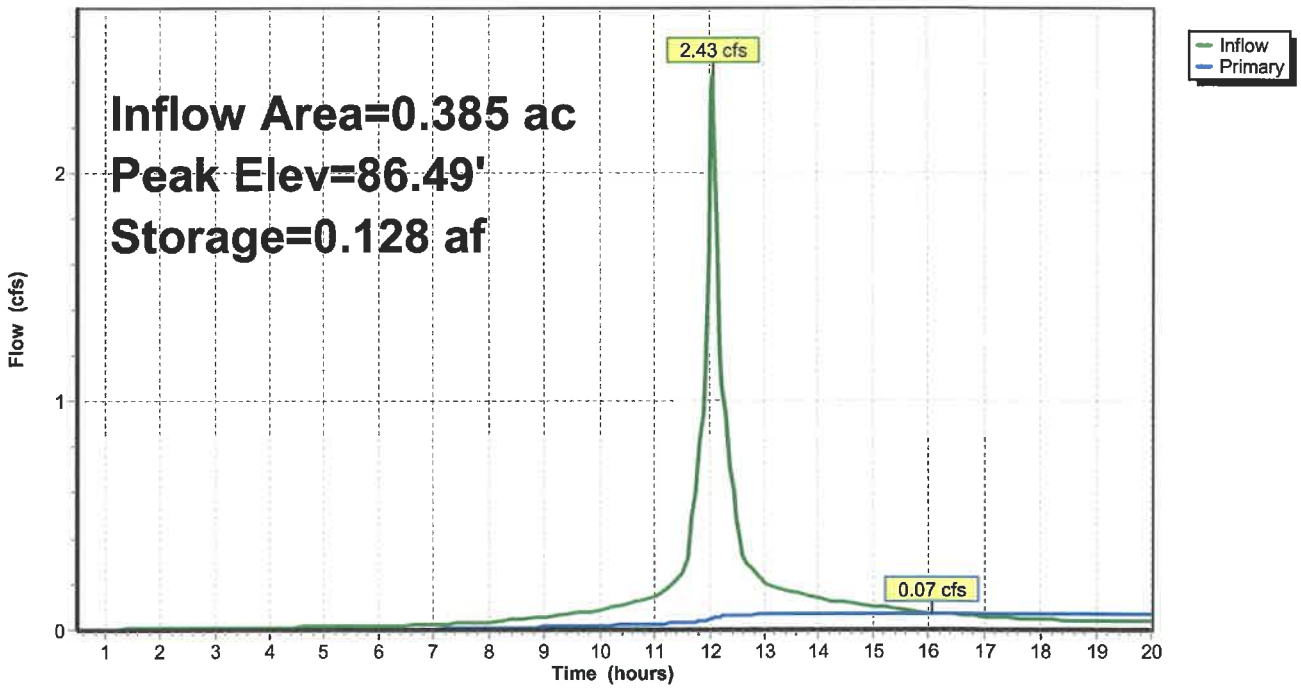


Subcatchment 13S: REV A



Pond 14P: POND 1

Hydrograph



Stage-Discharge for Pond 14P: POND 1

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
85.00	0.00	85.52	0.04	86.04	0.06	86.56	0.07
85.01	0.00	85.53	0.04	86.05	0.06	86.57	0.07
85.02	0.00	85.54	0.04	86.06	0.06	86.58	0.07
85.03	0.00	85.55	0.04	86.07	0.06	86.59	0.07
85.04	0.00	85.56	0.04	86.08	0.06	86.60	0.07
85.05	0.00	85.57	0.04	86.09	0.06	86.61	0.07
85.06	0.00	85.58	0.04	86.10	0.06	86.62	0.07
85.07	0.01	85.59	0.04	86.11	0.06	86.63	0.07
85.08	0.01	85.60	0.04	86.12	0.06	86.64	0.07
85.09	0.01	85.61	0.04	86.13	0.06	86.65	0.07
85.10	0.01	85.62	0.04	86.14	0.06	86.66	0.07
85.11	0.01	85.63	0.04	86.15	0.06	86.67	0.07
85.12	0.01	85.64	0.04	86.16	0.06	86.68	0.08
85.13	0.02	85.65	0.05	86.17	0.06	86.69	0.08
85.14	0.02	85.66	0.05	86.18	0.06	86.70	0.08
85.15	0.02	85.67	0.05	86.19	0.06	86.71	0.08
85.16	0.02	85.68	0.05	86.20	0.06	86.72	0.08
85.17	0.02	85.69	0.05	86.21	0.06	86.73	0.08
85.18	0.02	85.70	0.05	86.22	0.06	86.74	0.08
85.19	0.02	85.71	0.05	86.23	0.06	86.75	0.08
85.20	0.02	85.72	0.05	86.24	0.06	86.76	0.08
85.21	0.02	85.73	0.05	86.25	0.06	86.77	0.08
85.22	0.02	85.74	0.05	86.26	0.06	86.78	0.08
85.23	0.02	85.75	0.05	86.27	0.06	86.79	0.08
85.24	0.02	85.76	0.05	86.28	0.07	86.80	0.08
85.25	0.03	85.77	0.05	86.29	0.07	86.81	0.08
85.26	0.03	85.78	0.05	86.30	0.07	86.82	0.08
85.27	0.03	85.79	0.05	86.31	0.07	86.83	0.08
85.28	0.03	85.80	0.05	86.32	0.07	86.84	0.08
85.29	0.03	85.81	0.05	86.33	0.07	86.85	0.08
85.30	0.03	85.82	0.05	86.34	0.07	86.86	0.08
85.31	0.03	85.83	0.05	86.35	0.07	86.87	0.08
85.32	0.03	85.84	0.05	86.36	0.07	86.88	0.08
85.33	0.03	85.85	0.05	86.37	0.07	86.89	0.08
85.34	0.03	85.86	0.05	86.38	0.07	86.90	0.08
85.35	0.03	85.87	0.05	86.39	0.07	86.91	0.08
85.36	0.03	85.88	0.05	86.40	0.07	86.92	0.08
85.37	0.03	85.89	0.05	86.41	0.07	86.93	0.08
85.38	0.03	85.90	0.05	86.42	0.07	86.94	0.08
85.39	0.03	85.91	0.05	86.43	0.07	86.95	0.08
85.40	0.03	85.92	0.05	86.44	0.07	86.96	0.08
85.41	0.03	85.93	0.06	86.45	0.07	86.97	0.08
85.42	0.04	85.94	0.06	86.46	0.07	86.98	0.08
85.43	0.04	85.95	0.06	86.47	0.07	86.99	0.08
85.44	0.04	85.96	0.06	86.48	0.07	87.00	0.08
85.45	0.04	85.97	0.06	86.49	0.07	87.01	0.08
85.46	0.04	85.98	0.06	86.50	0.07	87.02	0.08
85.47	0.04	85.99	0.06	86.51	0.07	87.03	0.08
85.48	0.04	86.00	0.06	86.52	0.07	87.04	0.08
85.49	0.04	86.01	0.06	86.53	0.07	87.05	0.08
85.50	0.04	86.02	0.06	86.54	0.07	87.06	0.08
85.51	0.04	86.03	0.06	86.55	0.07	87.07	0.08

Stage-Discharge for Pond 14P: POND 1 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
87.08	0.08	87.60	0.09
87.09	0.08	87.61	0.09
87.10	0.08	87.62	0.09
87.11	0.08	87.63	0.09
87.12	0.08	87.64	0.09
87.13	0.08	87.65	0.10
87.14	0.09	87.66	0.10
87.15	0.09	87.67	0.10
87.16	0.09	87.68	0.10
87.17	0.09	87.69	0.10
87.18	0.09	87.70	0.10
87.19	0.09	87.71	**0.10**
87.20	0.09		
87.21	0.09		
87.22	0.09		
87.23	0.09		
87.24	0.09		
87.25	0.09		
87.26	0.09		
87.27	0.09		
87.28	0.09		
87.29	0.09		
87.30	0.09		
87.31	0.09		
87.32	0.09		
87.33	0.09		
87.34	0.09		
87.35	0.09		
87.36	0.09		
87.37	0.09		
87.38	0.09		
87.39	0.09		
87.40	0.09		
87.41	0.09		
87.42	0.09		
87.43	0.09		
87.44	0.09		
87.45	0.09		
87.46	0.09		
87.47	0.09		
87.48	0.09		
87.49	0.09		
87.50	0.09		
87.51	0.09		
87.52	0.09		
87.53	0.09		
87.54	0.09		
87.55	0.09		
87.56	0.09		
87.57	0.09		
87.58	0.09		
87.59	0.09		

Stage-Area-Storage for Pond 14P: POND 1

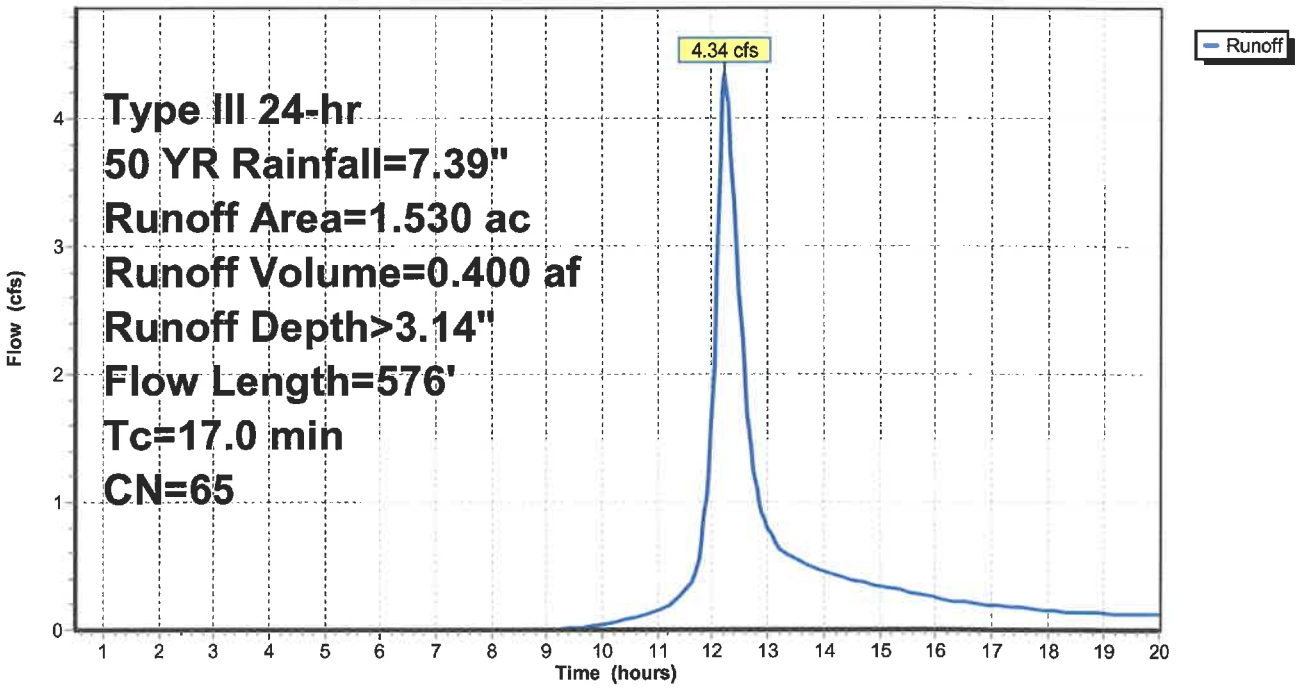
Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
85.00	0.000	85.52	0.047	86.04	0.092
85.01	0.001	85.53	0.048	86.05	0.093
85.02	0.002	85.54	0.049	86.06	0.093
85.03	0.003	85.55	0.050	86.07	0.094
85.04	0.004	85.56	0.051	86.08	0.095
85.05	0.005	85.57	0.051	86.09	0.096
85.06	0.006	85.58	0.052	86.10	0.097
85.07	0.006	85.59	0.053	86.11	0.098
85.08	0.007	85.60	0.054	86.12	0.098
85.09	0.008	85.61	0.055	86.13	0.099
85.10	0.009	85.62	0.056	86.14	0.100
85.11	0.010	85.63	0.057	86.15	0.101
85.12	0.011	85.64	0.058	86.16	0.102
85.13	0.012	85.65	0.058	86.17	0.103
85.14	0.013	85.66	0.059	86.18	0.103
85.15	0.014	85.67	0.060	86.19	0.104
85.16	0.015	85.68	0.061	86.20	0.105
85.17	0.016	85.69	0.062	86.21	0.106
85.18	0.016	85.70	0.063	86.22	0.107
85.19	0.017	85.71	0.064	86.23	0.107
85.20	0.018	85.72	0.065	86.24	0.108
85.21	0.019	85.73	0.065	86.25	0.109
85.22	0.020	85.74	0.066	86.26	0.110
85.23	0.021	85.75	0.067	86.27	0.111
85.24	0.022	85.76	0.068	86.28	0.111
85.25	0.023	85.77	0.069	86.29	0.112
85.26	0.024	85.78	0.070	86.30	0.113
85.27	0.025	85.79	0.071	86.31	0.114
85.28	0.026	85.80	0.071	86.32	0.115
85.29	0.026	85.81	0.072	86.33	0.115
85.30	0.027	85.82	0.073	86.34	0.116
85.31	0.028	85.83	0.074	86.35	0.117
85.32	0.029	85.84	0.075	86.36	0.118
85.33	0.030	85.85	0.076	86.37	0.119
85.34	0.031	85.86	0.077	86.38	0.119
85.35	0.032	85.87	0.077	86.39	0.120
85.36	0.033	85.88	0.078	86.40	0.121
85.37	0.034	85.89	0.079	86.41	0.122
85.38	0.035	85.90	0.080	86.42	0.122
85.39	0.035	85.91	0.081	86.43	0.123
85.40	0.036	85.92	0.082	86.44	0.124
85.41	0.037	85.93	0.082	86.45	0.125
85.42	0.038	85.94	0.083	86.46	0.126
85.43	0.039	85.95	0.084	86.47	0.126
85.44	0.040	85.96	0.085	86.48	0.127
85.45	0.041	85.97	0.086	86.49	0.128
85.46	0.042	85.98	0.087	86.50	0.129
85.47	0.043	85.99	0.088	86.51	0.129
85.48	0.043	86.00	0.088	86.52	0.130
85.49	0.044	86.01	0.089	86.53	0.131
85.50	0.045	86.02	0.090	86.54	0.132
85.51	0.046	86.03	0.091	86.55	0.132

Stage-Area-Storage for Pond 14P: POND 1 (continued)

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
86.56	0.133	87.08	0.166	87.60	0.189
86.57	0.134	87.09	0.167	87.61	0.189
86.58	0.135	87.10	0.167	87.62	0.190
86.59	0.135	87.11	0.168	87.63	0.190
86.60	0.136	87.12	0.168	87.64	0.191
86.61	0.137	87.13	0.169	87.65	0.191
86.62	0.137	87.14	0.169	87.66	0.191
86.63	0.138	87.15	0.170	87.67	0.192
86.64	0.139	87.16	0.170	87.68	0.192
86.65	0.140	87.17	0.170	87.69	0.193
86.66	0.140	87.18	0.171	87.70	0.193
86.67	0.141	87.19	0.171	87.71	**0.194**
86.68	0.142	87.20	0.172		
86.69	0.142	87.21	0.172		
86.70	0.143	87.22	0.173		
86.71	0.144	87.23	0.173		
86.72	0.145	87.24	0.173		
86.73	0.145	87.25	0.174		
86.74	0.146	87.26	0.174		
86.75	0.147	87.27	0.175		
86.76	0.147	87.28	0.175		
86.77	0.148	87.29	0.176		
86.78	0.149	87.30	0.176		
86.79	0.149	87.31	0.176		
86.80	0.150	87.32	0.177		
86.81	0.151	87.33	0.177		
86.82	0.151	87.34	0.178		
86.83	0.152	87.35	0.178		
86.84	0.153	87.36	0.179		
86.85	0.153	87.37	0.179		
86.86	0.154	87.38	0.179		
86.87	0.155	87.39	0.180		
86.88	0.155	87.40	0.180		
86.89	0.156	87.41	0.181		
86.90	0.156	87.42	0.181		
86.91	0.157	87.43	0.182		
86.92	0.158	87.44	0.182		
86.93	0.158	87.45	0.182		
86.94	0.159	87.46	0.183		
86.95	0.159	87.47	0.183		
86.96	0.160	87.48	0.184		
86.97	0.161	87.49	0.184		
86.98	0.161	87.50	0.185		
86.99	0.162	87.51	0.185		
87.00	0.162	87.52	0.185		
87.01	0.163	87.53	0.186		
87.02	0.163	87.54	0.186		
87.03	0.164	87.55	0.187		
87.04	0.164	87.56	0.187		
87.05	0.165	87.57	0.188		
87.06	0.165	87.58	0.188		
87.07	0.166	87.59	0.188		

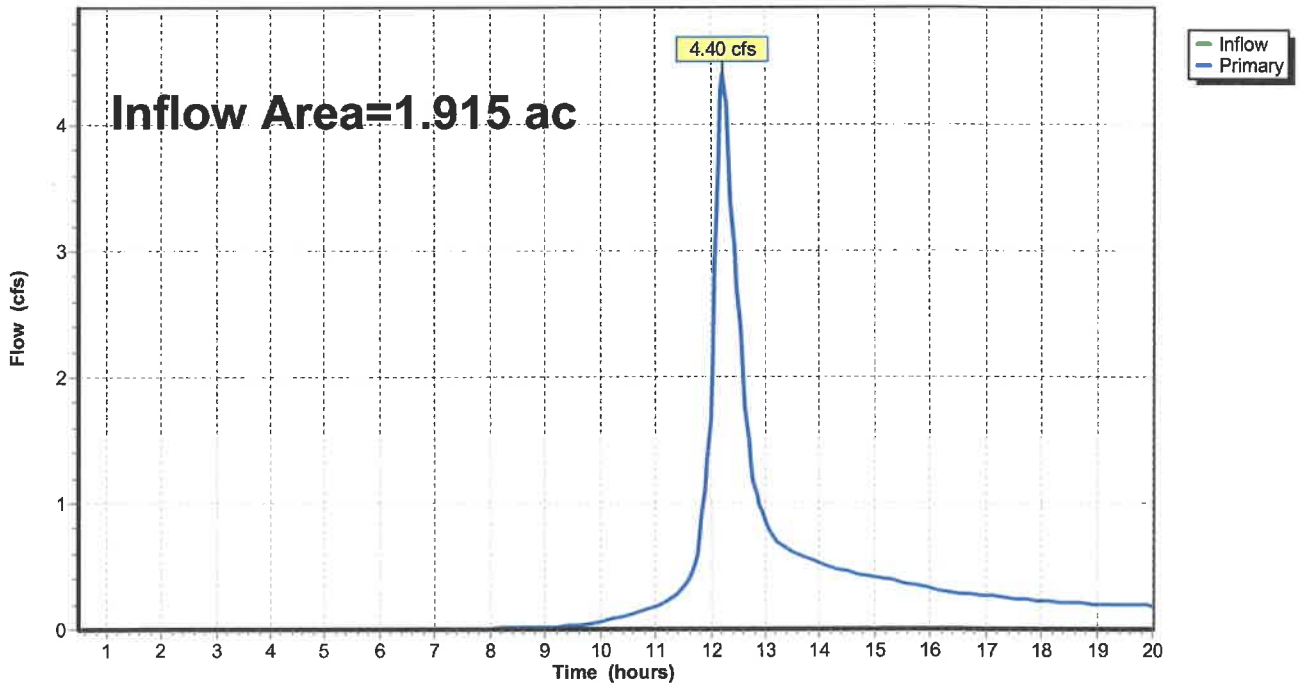
Subcatchment 15S: YD

Hydrograph



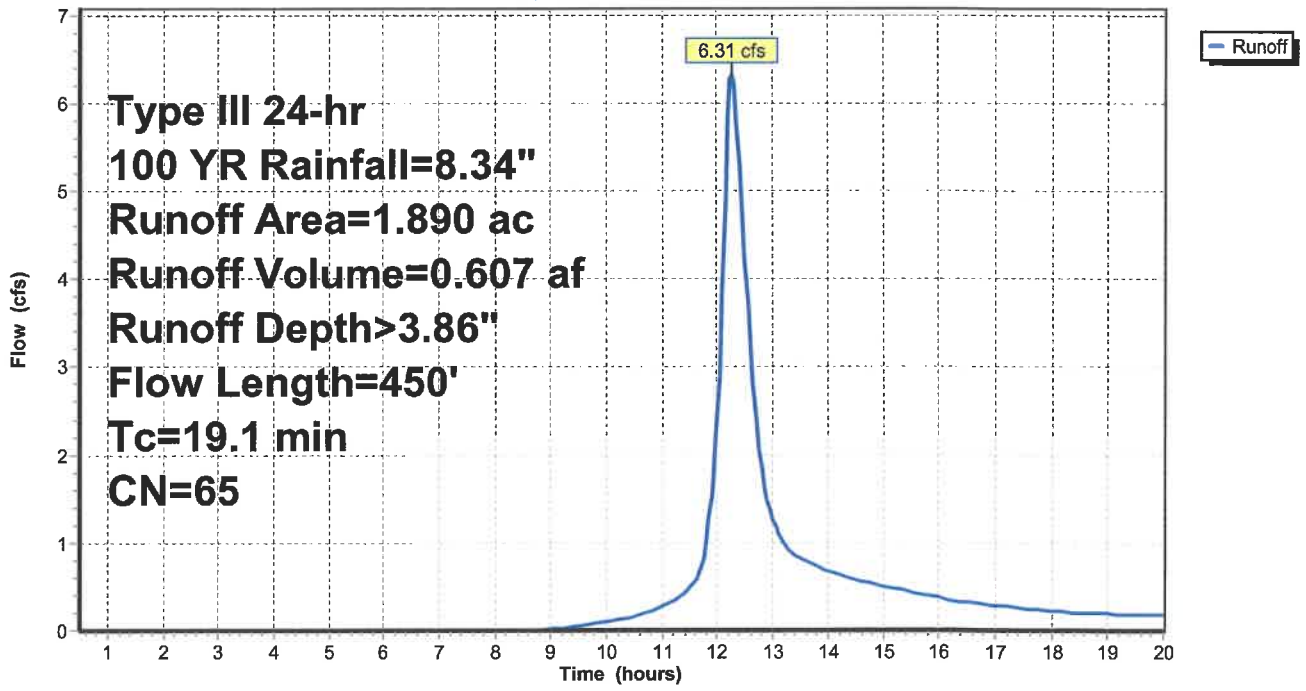
Link 16L: P-OUT YD

Hydrograph

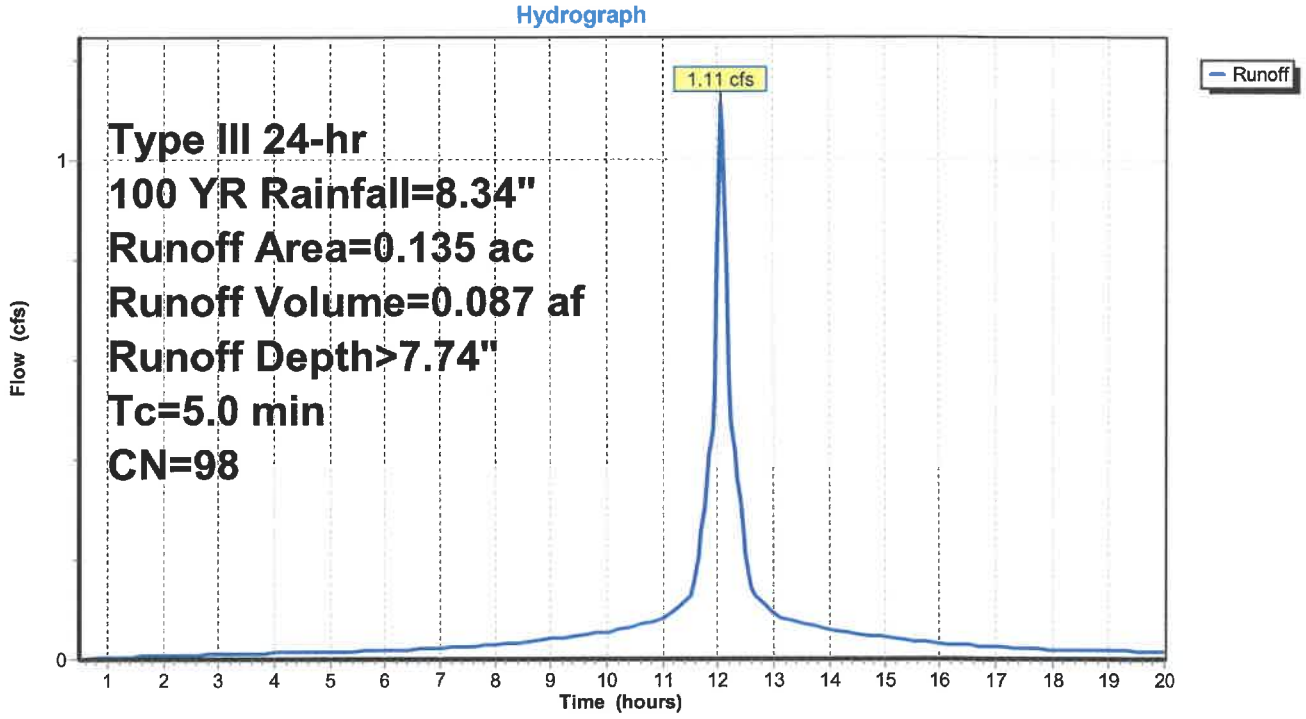


Subcatchment 3S: EX

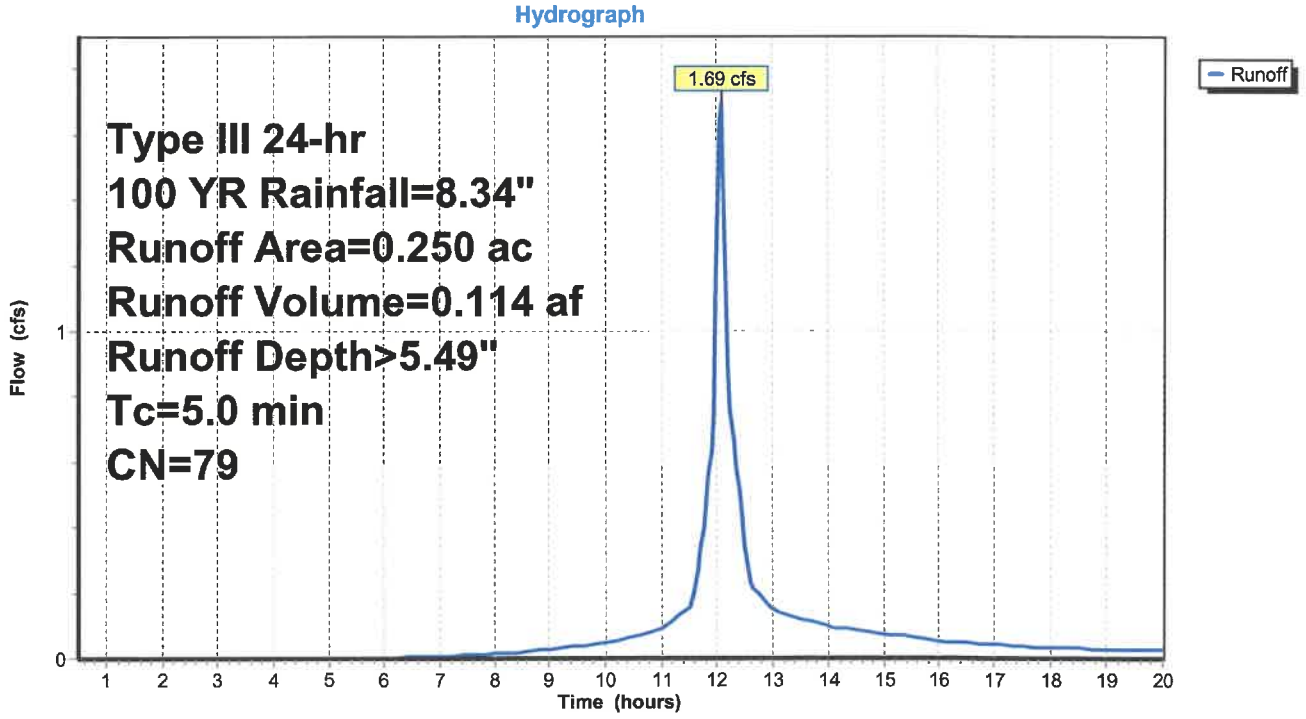
Hydrograph



Subcatchment 10S: ROOF

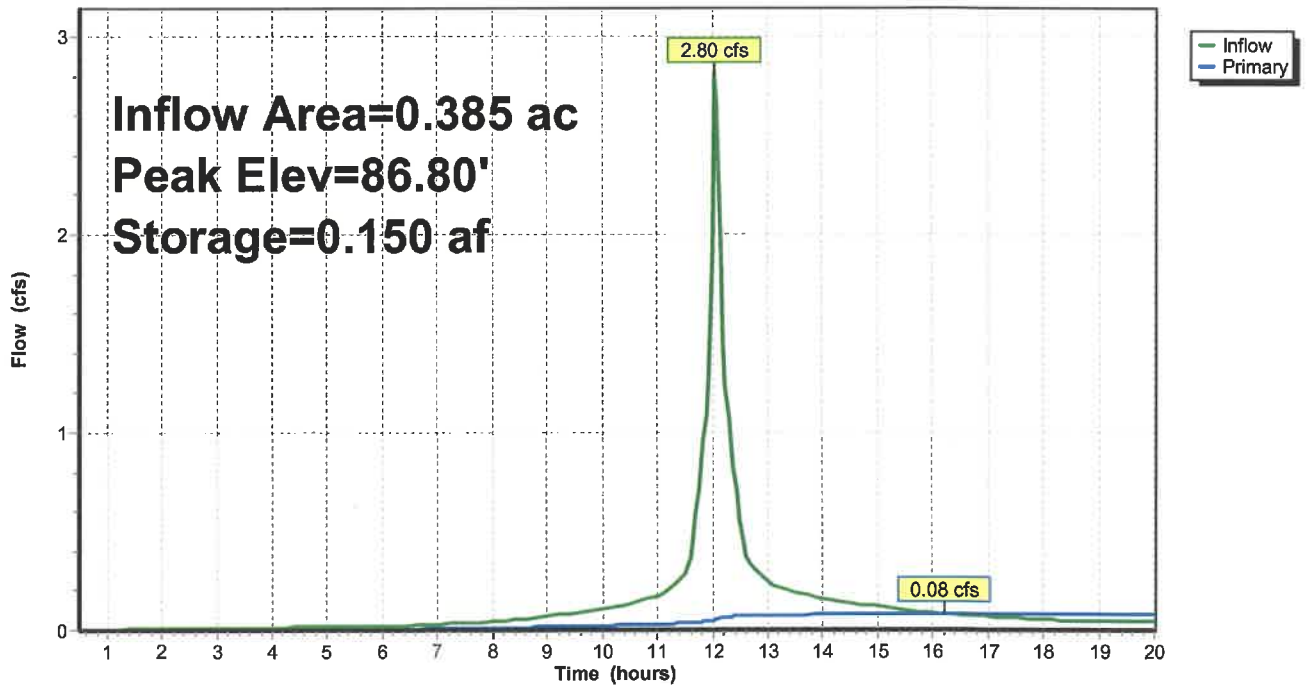


Subcatchment 13S: REV A



Pond 14P: POND 1

Hydrograph



Stage-Discharge for Pond 14P: POND 1

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
85.00	0.00	85.52	0.04	86.04	0.06	86.56	0.07
85.01	0.00	85.53	0.04	86.05	0.06	86.57	0.07
85.02	0.00	85.54	0.04	86.06	0.06	86.58	0.07
85.03	0.00	85.55	0.04	86.07	0.06	86.59	0.07
85.04	0.00	85.56	0.04	86.08	0.06	86.60	0.07
85.05	0.00	85.57	0.04	86.09	0.06	86.61	0.07
85.06	0.00	85.58	0.04	86.10	0.06	86.62	0.07
85.07	0.01	85.59	0.04	86.11	0.06	86.63	0.07
85.08	0.01	85.60	0.04	86.12	0.06	86.64	0.07
85.09	0.01	85.61	0.04	86.13	0.06	86.65	0.07
85.10	0.01	85.62	0.04	86.14	0.06	86.66	0.07
85.11	0.01	85.63	0.04	86.15	0.06	86.67	0.07
85.12	0.01	85.64	0.04	86.16	0.06	86.68	0.08
85.13	0.02	85.65	0.05	86.17	0.06	86.69	0.08
85.14	0.02	85.66	0.05	86.18	0.06	86.70	0.08
85.15	0.02	85.67	0.05	86.19	0.06	86.71	0.08
85.16	0.02	85.68	0.05	86.20	0.06	86.72	0.08
85.17	0.02	85.69	0.05	86.21	0.06	86.73	0.08
85.18	0.02	85.70	0.05	86.22	0.06	86.74	0.08
85.19	0.02	85.71	0.05	86.23	0.06	86.75	0.08
85.20	0.02	85.72	0.05	86.24	0.06	86.76	0.08
85.21	0.02	85.73	0.05	86.25	0.06	86.77	0.08
85.22	0.02	85.74	0.05	86.26	0.06	86.78	0.08
85.23	0.02	85.75	0.05	86.27	0.06	86.79	0.08
85.24	0.02	85.76	0.05	86.28	0.07	86.80	0.08
85.25	0.03	85.77	0.05	86.29	0.07	86.81	0.08
85.26	0.03	85.78	0.05	86.30	0.07	86.82	0.08
85.27	0.03	85.79	0.05	86.31	0.07	86.83	0.08
85.28	0.03	85.80	0.05	86.32	0.07	86.84	0.08
85.29	0.03	85.81	0.05	86.33	0.07	86.85	0.08
85.30	0.03	85.82	0.05	86.34	0.07	86.86	0.08
85.31	0.03	85.83	0.05	86.35	0.07	86.87	0.08
85.32	0.03	85.84	0.05	86.36	0.07	86.88	0.08
85.33	0.03	85.85	0.05	86.37	0.07	86.89	0.08
85.34	0.03	85.86	0.05	86.38	0.07	86.90	0.08
85.35	0.03	85.87	0.05	86.39	0.07	86.91	0.08
85.36	0.03	85.88	0.05	86.40	0.07	86.92	0.08
85.37	0.03	85.89	0.05	86.41	0.07	86.93	0.08
85.38	0.03	85.90	0.05	86.42	0.07	86.94	0.08
85.39	0.03	85.91	0.05	86.43	0.07	86.95	0.08
85.40	0.03	85.92	0.05	86.44	0.07	86.96	0.08
85.41	0.03	85.93	0.06	86.45	0.07	86.97	0.08
85.42	0.04	85.94	0.06	86.46	0.07	86.98	0.08
85.43	0.04	85.95	0.06	86.47	0.07	86.99	0.08
85.44	0.04	85.96	0.06	86.48	0.07	87.00	0.08
85.45	0.04	85.97	0.06	86.49	0.07	87.01	0.08
85.46	0.04	85.98	0.06	86.50	0.07	87.02	0.08
85.47	0.04	85.99	0.06	86.51	0.07	87.03	0.08
85.48	0.04	86.00	0.06	86.52	0.07	87.04	0.08
85.49	0.04	86.01	0.06	86.53	0.07	87.05	0.08
85.50	0.04	86.02	0.06	86.54	0.07	87.06	0.08
85.51	0.04	86.03	0.06	86.55	0.07	87.07	0.08

Stage-Discharge for Pond 14P: POND 1 (continued)

Elevation (feet)	Primary (cfs)
87.08	0.08
87.09	0.08
87.10	0.08
87.11	0.08
87.12	0.08
87.13	0.08
87.14	0.09
87.15	0.09
87.16	0.09
87.17	0.09
87.18	0.09
87.19	0.09
87.20	0.09
87.21	0.09
87.22	0.09
87.23	0.09
87.24	0.09
87.25	0.09
87.26	0.09
87.27	0.09
87.28	0.09
87.29	0.09
87.30	0.09
87.31	0.09
87.32	0.09
87.33	0.09
87.34	0.09
87.35	0.09
87.36	0.09
87.37	0.09
87.38	0.09
87.39	0.09
87.40	0.09
87.41	0.09
87.42	0.09
87.43	0.09
87.44	0.09
87.45	0.09
87.46	0.09
87.47	0.09
87.48	0.09
87.49	0.09
87.50	0.09
87.51	0.09
87.52	0.09
87.53	0.09
87.54	0.09
87.55	0.09
87.56	0.09
87.57	0.09
87.58	0.09
87.59	0.09
87.60	0.09
87.61	0.09
87.62	0.09
87.63	0.09
87.64	0.09
87.65	0.10
87.66	0.10
87.67	0.10
87.68	0.10
87.69	0.10
87.70	0.10
87.71	**0.10**

Stage-Area-Storage for Pond 14P: POND 1

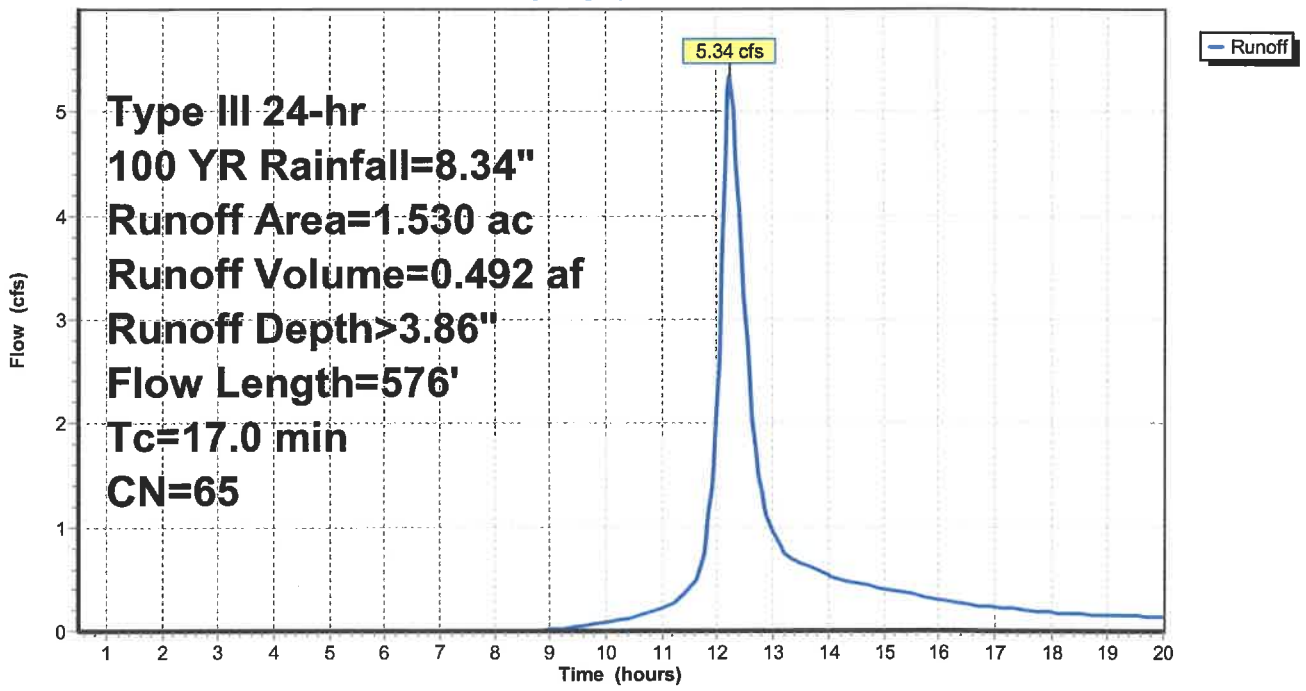
Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
85.00	0.000	85.52	0.047	86.04	0.092
85.01	0.001	85.53	0.048	86.05	0.093
85.02	0.002	85.54	0.049	86.06	0.093
85.03	0.003	85.55	0.050	86.07	0.094
85.04	0.004	85.56	0.051	86.08	0.095
85.05	0.005	85.57	0.051	86.09	0.096
85.06	0.006	85.58	0.052	86.10	0.097
85.07	0.006	85.59	0.053	86.11	0.098
85.08	0.007	85.60	0.054	86.12	0.098
85.09	0.008	85.61	0.055	86.13	0.099
85.10	0.009	85.62	0.056	86.14	0.100
85.11	0.010	85.63	0.057	86.15	0.101
85.12	0.011	85.64	0.058	86.16	0.102
85.13	0.012	85.65	0.058	86.17	0.103
85.14	0.013	85.66	0.059	86.18	0.103
85.15	0.014	85.67	0.060	86.19	0.104
85.16	0.015	85.68	0.061	86.20	0.105
85.17	0.016	85.69	0.062	86.21	0.106
85.18	0.016	85.70	0.063	86.22	0.107
85.19	0.017	85.71	0.064	86.23	0.107
85.20	0.018	85.72	0.065	86.24	0.108
85.21	0.019	85.73	0.065	86.25	0.109
85.22	0.020	85.74	0.066	86.26	0.110
85.23	0.021	85.75	0.067	86.27	0.111
85.24	0.022	85.76	0.068	86.28	0.111
85.25	0.023	85.77	0.069	86.29	0.112
85.26	0.024	85.78	0.070	86.30	0.113
85.27	0.025	85.79	0.071	86.31	0.114
85.28	0.026	85.80	0.071	86.32	0.115
85.29	0.026	85.81	0.072	86.33	0.115
85.30	0.027	85.82	0.073	86.34	0.116
85.31	0.028	85.83	0.074	86.35	0.117
85.32	0.029	85.84	0.075	86.36	0.118
85.33	0.030	85.85	0.076	86.37	0.119
85.34	0.031	85.86	0.077	86.38	0.119
85.35	0.032	85.87	0.077	86.39	0.120
85.36	0.033	85.88	0.078	86.40	0.121
85.37	0.034	85.89	0.079	86.41	0.122
85.38	0.035	85.90	0.080	86.42	0.122
85.39	0.035	85.91	0.081	86.43	0.123
85.40	0.036	85.92	0.082	86.44	0.124
85.41	0.037	85.93	0.082	86.45	0.125
85.42	0.038	85.94	0.083	86.46	0.126
85.43	0.039	85.95	0.084	86.47	0.126
85.44	0.040	85.96	0.085	86.48	0.127
85.45	0.041	85.97	0.086	86.49	0.128
85.46	0.042	85.98	0.087	86.50	0.129
85.47	0.043	85.99	0.088	86.51	0.129
85.48	0.043	86.00	0.088	86.52	0.130
85.49	0.044	86.01	0.089	86.53	0.131
85.50	0.045	86.02	0.090	86.54	0.132
85.51	0.046	86.03	0.091	86.55	0.132

Stage-Area-Storage for Pond 14P: POND 1 (continued)

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
86.56	0.133	87.08	0.166	87.60	0.189
86.57	0.134	87.09	0.167	87.61	0.189
86.58	0.135	87.10	0.167	87.62	0.190
86.59	0.135	87.11	0.168	87.63	0.190
86.60	0.136	87.12	0.168	87.64	0.191
86.61	0.137	87.13	0.169	87.65	0.191
86.62	0.137	87.14	0.169	87.66	0.191
86.63	0.138	87.15	0.170	87.67	0.192
86.64	0.139	87.16	0.170	87.68	0.192
86.65	0.140	87.17	0.170	87.69	0.193
86.66	0.140	87.18	0.171	87.70	0.193
86.67	0.141	87.19	0.171	87.71	**0.194**
86.68	0.142	87.20	0.172		
86.69	0.142	87.21	0.172		
86.70	0.143	87.22	0.173		
86.71	0.144	87.23	0.173		
86.72	0.145	87.24	0.173		
86.73	0.145	87.25	0.174		
86.74	0.146	87.26	0.174		
86.75	0.147	87.27	0.175		
86.76	0.147	87.28	0.175		
86.77	0.148	87.29	0.176		
86.78	0.149	87.30	0.176		
86.79	0.149	87.31	0.176		
86.80	0.150	87.32	0.177		
86.81	0.151	87.33	0.177		
86.82	0.151	87.34	0.178		
86.83	0.152	87.35	0.178		
86.84	0.153	87.36	0.179		
86.85	0.153	87.37	0.179		
86.86	0.154	87.38	0.179		
86.87	0.155	87.39	0.180		
86.88	0.155	87.40	0.180		
86.89	0.156	87.41	0.181		
86.90	0.156	87.42	0.181		
86.91	0.157	87.43	0.182		
86.92	0.158	87.44	0.182		
86.93	0.158	87.45	0.182		
86.94	0.159	87.46	0.183		
86.95	0.159	87.47	0.183		
86.96	0.160	87.48	0.184		
86.97	0.161	87.49	0.184		
86.98	0.161	87.50	0.185		
86.99	0.162	87.51	0.185		
87.00	0.162	87.52	0.185		
87.01	0.163	87.53	0.186		
87.02	0.163	87.54	0.186		
87.03	0.164	87.55	0.187		
87.04	0.164	87.56	0.187		
87.05	0.165	87.57	0.188		
87.06	0.165	87.58	0.188		
87.07	0.166	87.59	0.188		

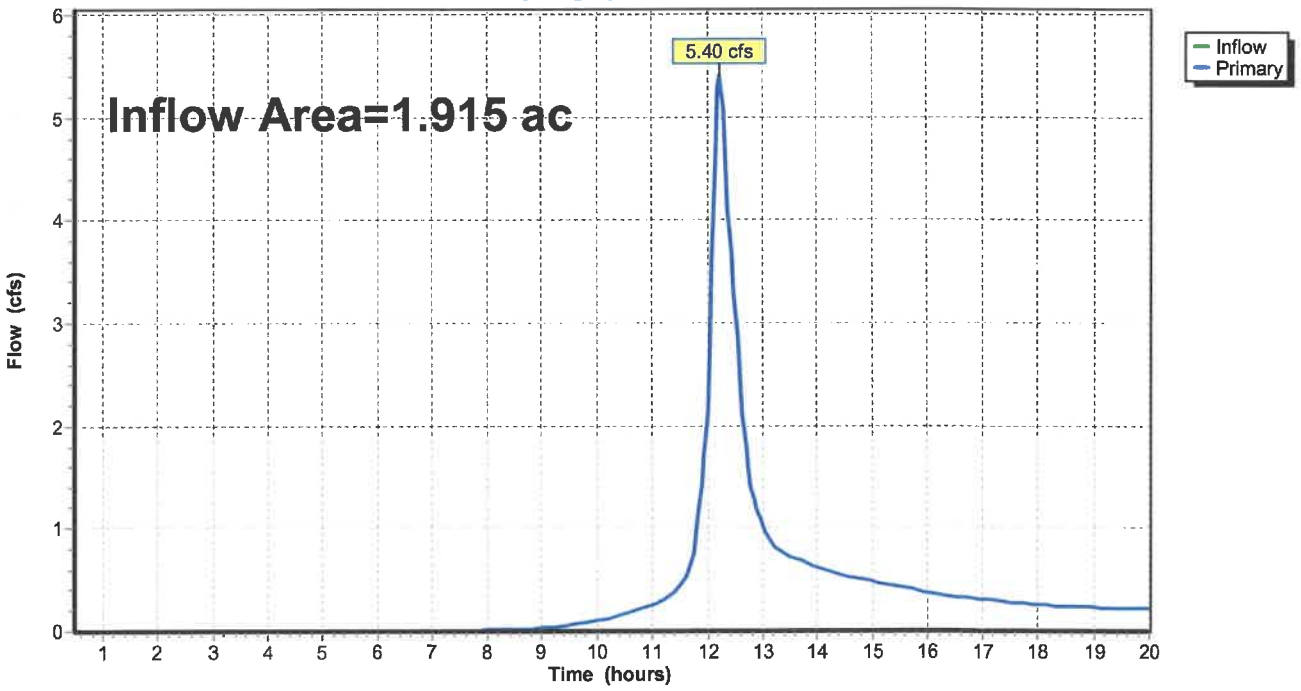
Subcatchment 15S: YD

Hydrograph



Link 16L: P-OUT YD

Hydrograph



ROOF TO GALLERY

Storm Sewer Tabulation

Station		Len	Drng Area		Rnoff coeff	Area x C		Tc		Rain (I)	Total flow	Cap full	Vel	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID
Line	To Line	(ft)	Incr (ac)	Total (ac)	(C)	Incr	Total	Inlet (min)	Syst (min)	(in/hr)	(cfs)	(cfs)	(ft/s)	Size (in)	Slope (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	37.000	0.00	0.00	0.00	0.00	0.00	0.0	1.6	0.0	2.02	5.31	6.30	12	1.89	86.00	86.70	86.43	87.13	0.00	90.40	
2	1	184.000	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	1.11	3.48	1.96	12	0.82	86.70	88.20	88.52	88.75	90.40	91.00	

ROOF TO GAL	Number of lines: 2	Run Date: 9/4/2020

NOTES:Intensity = 63.91 / (Inlet time + 9.90) ^ 0.75; Return period =Yrs. 100 ; c = cir e = ellip b = box

Storm Sewer Tabulation

GAL TO YARD DRAIN

Station		Len	Drng Area		Rnoff coeff	Area x C		Tc		Rain (I)	Total flow	Cap full	Vel	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID
Line	To Line	(ft)	Incr (ac)	Total (ac)	(C)	Incr	Total	Inlet (min)	Syst (min)	(in/hr)	(cfs)	(cfs)	(ft/s)	Size (in)	Slope (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	88.000	0.00	0.00	0.00	0.00	0.00	0.0	0.6	0.0	0.10	1.11	1.21	6	3.35	80.00	82.95	82.13	83.11	82.00	87.30	OUT
2	1	128.000	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.10	1.05	3.37	6	3.00	83.16	87.00	83.26	87.10	87.30	90.57	GAL

REV GAL

Number of lines: 2

Run Date: 10/29/2020

NOTES:Intensity = 63.91 / (Inlet time + 9.90) ^ 0.75; Return period =Yrs. 100 ; c = cir e = ellip b = box

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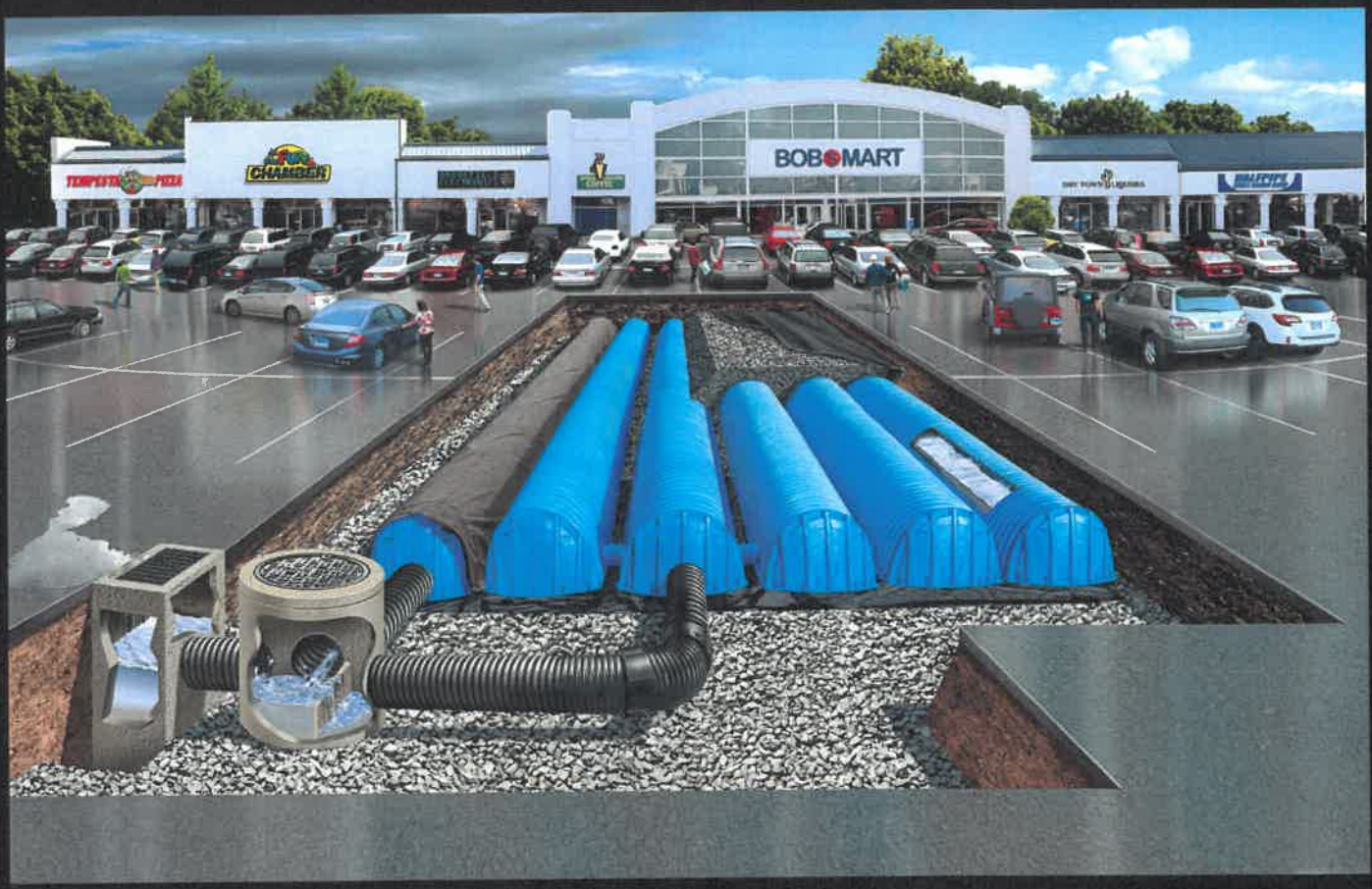
STORMWATER MANAGEMENT SOLUTIONS



OPERATION & MAINTENANCE GUIDELINES

FOR CULTEC STORMWATER MANAGEMENT SYSTEMS

STORMWATER MANAGEMENT SOLUTIONS

CULTEC®

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All illustrations and photos shown herein are examples of typical situations. Be sure to follow the engineer's drawings.
Actual designs may vary.

This manual contains guidelines recommended by CULTEC, Inc. and may be used in conjunction with, but not to supersede, local regulations or regulatory authorities. OSHA Guidelines must be followed when inspecting or cleaning any structure.

Introduction

The CULTEC Subsurface Stormwater Management System is a high-density polyethylene (HDPE) chamber system arranged in parallel rows surrounded by washed stone. The CULTEC chambers create arch-shaped voids within the washed stone to provide stormwater detention, retention, infiltration, and reclamation. Filter fabric is placed between the native soil and stone interface to prevent the intrusion of fines into the system. In order to minimize the amount of sediment which may enter the CULTEC system, a sediment collection device (stormwater pretreatment device) is recommended upstream from the CULTEC chamber system. Examples of pretreatment devices include, but are not limited to, an appropriately sized catch basin with sump, pretreatment catchment device, oil grit separator, or baffled distribution box. Manufactured pretreatment devices may also be used in accordance with CULTEC chambers. Installation, operation, and maintenance of these devices shall be in accordance with manufacturer's recommendations. Almost all of the sediment entering the stormwater management system will be collected within the pretreatment device.

Best Management Practices allow for the maintenance of the preliminary collection systems prior to feeding the CULTEC chambers. The pretreatment structures shall be inspected for any debris that will restrict inlet flow rates. Outfall structures, if any, such as outlet control must also be inspected for any obstructions that would restrict outlet flow rates. OSHA Guidelines must be followed when inspecting or cleaning any structure.

Operation and Maintenance Requirements

I. Operation

CULTEC stormwater management systems shall be operated to receive only stormwater run-off in accordance with applicable local regulations. CULTEC subsurface stormwater management chambers operate at peak performance when installed in series with pretreatment. Pretreatment of suspended solids is superior to treatment of solids once they have been introduced into the system. The use of pretreatment is adequate as long as the structure is maintained and the site remains stable with finished impervious surfaces such as parking lots, walkways, and pervious areas are properly maintained. If there is to be an unstable condition, such as improvements to buildings or parking areas, all proper silt control measures shall be implemented according to local regulations.

II. Inspection and Maintenance Options

A. The CULTEC system may be equipped with an inspection port located on the inlet row. The inspection port is a circular cast box placed in a rectangular concrete collar. When the lid is removed, a 6-inch (150 mm) pipe with a screw-in plug will be exposed. Remove the plug. This will provide access to the CULTEC Chamber row below. From the surface, through this access, the sediment may be measured at this location. A stadia rod may be used to measure the depth of sediment if any in this row. If the depth of sediment is in excess of 3 inches (76 mm), then this row should be cleaned with high pressure water through a culvert cleaning nozzle. This would be carried out through an upstream manhole or through the CULTEC StormFilter Unit (or other pre-treatment device). CCTV inspection of this row can be deployed through this access port to deter mine if any sediment has accumulated in the inlet row.

B. If the CULTEC bed is not equipped with an inspection port, then access to the inlet row will be through an upstream manhole or the CULTEC StormFilter.

1. Manhole Access
This inspection should only be carried out by persons trained in confined space entry and sewer inspection services. After the manhole cover has been removed a gas detector must be lowered into the manhole to ensure that there are not high concentrations of toxic gases present. The inspector should be lowered into the manhole with the proper safety equipment as per OSHA requirements. The inspector may be able to observe sediment from this location. If this is not possible, the inspector will need to deploy a CCTV robot to permit viewing of the sediment.

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2. **StormFilter Access**
Remove the manhole cover to allow access to the unit. Typically a 30-inch (750 mm) pipe is used as a riser from the StormFilter to the surface. As in the case with manhole access, this access point requires a technician trained in confined space entry with proper gas detection equipment. This individual must be equipped with the proper safety equipment for entry into the StormFilter. The technician will be lowered onto the StormFilter unit. The hatch on the unit must be removed. Inside the unit are two filters which may be removed according to StormFilter maintenance guidelines. Once these filters are removed the inspector can enter the StormFilter unit to launch the CCTV camera robot.

C. The inlet row of the CULTEC system is placed on a polyethylene liner to prevent scouring of the washed stone beneath this row. This also facilitates the flushing of this row with high pressure water through a culvert cleaning nozzle. The nozzle is deployed through a manhole or the StormFilter and extended to the end of the row. The water is turned on and the inlet row is back-flushed into the manhole or StormFilter. This water is to be removed from the manhole or StormFilter using a vacuum truck.

III. Maintenance Guidelines

The following guidelines shall be adhered to for the operation and maintenance of the CULTEC stormwater management system:

A. The owner shall keep a maintenance log which shall include details of any events which would have an effect on the system's operational capacity.

B. The operation and maintenance procedure shall be reviewed periodically and changed to meet site conditions.

C. Maintenance of the stormwater management system shall be performed by qualified workers and shall follow applicable occupational health and safety requirements.

D. Debris removed from the stormwater management system shall be disposed of in accordance with applicable laws and regulations.

IV. Suggested Maintenance Schedules

A. Minor Maintenance
The following suggested schedule shall be followed for routine maintenance during the regular operation of the stormwater system:

Frequency	Action
Monthly in first year	Check inlets and outlets for clogging and remove any debris, as required.
Spring and Fall	Check inlets and outlets for clogging and remove any debris, as required.
One year after commissioning and every third year following	Check inlets and outlets for clogging and remove any debris, as required.

B. Major Maintenance
The following suggested maintenance schedule shall be followed to maintain the performance of the CULTEC stormwater management chambers. Additional work may be necessary due to insufficient performance and other issues that might be found during the inspection of the stormwater management chambers. (See table on next page)

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	Frequency	Action
Inlets and Outlets	Every 3 years	• Obtain documentation that the inlets, outlets and vents have been cleaned and will function as intended.
	Spring and Fall	• Check inlet and outlets for clogging and remove any debris as required.
CULTEC Stormwater Chambers	2 years after commissioning	• Inspect the interior of the stormwater management chambers through inspection port for deficiencies using CCTV or comparable technique. • Obtain documentation that the stormwater management chambers and feed connectors will function as anticipated.
	9 years after commissioning every 9 years following	• Clean stormwater management chambers and feed connectors of any debris. • Inspect the interior of the stormwater management structures for deficiencies using CCTV or comparable technique. • Obtain documentation that the stormwater management chambers and feed connectors have been cleaned and will function as intended.
	45 years after commissioning	• Clean stormwater management chambers and feed connectors of any debris. • Determine the remaining life expectancy of the stormwater management chambers and recommended schedule and actions to rehabilitate the stormwater management chambers as required. • Inspect the interior of the stormwater management chambers for deficiencies using CCTV or comparable technique. • Replace or restore the stormwater management chambers in accordance with the schedule determined at the 45-year inspection. • Attain the appropriate approvals as required. • Establish a new operation and maintenance schedule.
Surrounding Site	Monthly in 1st year	• Check for depressions in areas over and surrounding the stormwater management system.
	Spring and Fall	• Check for depressions in areas over and surrounding the stormwater management system.
	Yearly	• Confirm that no unauthorized modifications have been performed to the site.

For additional information concerning the maintenance of CULTEC Subsurface Stormwater Management Chambers, please contact CULTEC, Inc. at 1-800-428-5832.

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WQMP
Operation & Maintenance (O&M) Plan

Project Name:_____

Prepared for:

Project Name: _____

Address:_____

City, State Zip:_____

Prepared on:

Date:_____

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This O&M Plan describes the designated responsible party for implementation of this WQMP, including: operation and maintenance of all the structural BMP(s), conducting the training/educational program and duties, and any other necessary activities. The O&M Plan includes detailed inspection and maintenance requirements for all structural BMPs, including copies of any maintenance contract agreements, manufacturer's maintenance requirements, permits, etc.

8.1.1 Project Information

Project name	
Address	
City, State Zip	
Site size	
List of structural BMPs, number of each	
Other notes	

8.1.2 Responsible Party

The responsible party for implementation of this WQMP is:

Name of Person or HOA Property Manager	
Address	
City, State Zip	
Phone number	
24-Hour Emergency Contact number	
Email	

8.1.3 Record Keeping

Parties responsible for the O&M plan shall retain records for at least 5 years.

All training and educational activities and BMP operation and maintenance shall be documented to verify compliance with this O&M Plan. A sample Training Log and Inspection and Maintenance Log are included in this document.

8.1.4 Electronic Data Submittal

This document along with the Site Plan and Attachments shall be provided in PDF format. AutoCAD files and/or GIS coordinates of BMPs shall also be submitted to the City.

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Appendix ____

BMP SITE PLAN

Site plan is preferred on minimum 11" by 17" colored sheets, as long as legible.

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BMP OPERATION & MAINTENANCE LOG

Project Name: _____

Today's Date: _____

Name of Person Performing Activity (Printed): _____

Signature: _____

BMP Name (As Shown in O&M Plan)	Brief Description of Implementation, Maintenance, and Inspection Activity Performed

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Minor Maintenance

Frequency		Action
Monthly in first year		Check inlets and outlets for clogging and remove any debris, as required.
		Notes
◻ Month 1	Date:	
◻ Month 2	Date:	
◻ Month 3	Date:	
◻ Month 4	Date	
◻ Month 5	Date:	
◻ Month 6	Date:	
◻ Month 7	Date:	
◻ Month 8	Date:	
◻ Month 9	Date:	
◻ Month 10	Date:	
◻ Month 11	Date:	
◻ Month 12	Date:	
Spring and Fall		Check inlets and outlets for clogging and remove any debris, as required.
		Notes
◻ Spring	Date:	
◻ Fall	Date:	
◻ Spring	Date:	
◻ Fall	Date:	
◻ Spring	Date:	
◻ Fall	Date:	
◻ Spring	Date:	
◻ Fall	Date:	
◻ Spring	Date:	
◻ Fall	Date:	
◻ Spring	Date:	
◻ Fall	Date:	
◻ Spring	Date:	
◻ Fall	Date:	
One year after commissioning and every third year following		Check inlets and outlets for clogging and remove any debris, as required.
		Notes
◻ Year 1	Date:	
◻ Year 4	Date:	
◻ Year 7	Date:	
◻ Year 10	Date:	
◻ Year 13	Date:	
◻ Year 16	Date:	
◻ Year 19	Date:	
◻ Year 22	Date:	

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Major Maintenance

	Frequency		Action
Inlets and Outlets	**Every 3 years**		Obtain documentation that the inlets, outlets and vents have been cleaned and will function as intended.
			Notes
	□ Year 1	Date:	
	□ Year 4	Date:	
	□ Year 7	Date:	
	□ Year 10	Date:	
	□ Year 13	Date:	
	□ Year 16	Date:	
	□ Year 19	Date:	
	□ Year 22	Date:	
	Spring and Fall		Check inlet and outlets for clogging and remove any debris, as required.
			Notes
	□ Spring	Date:	
	□ Fall	Date:	
	□ Spring	Date:	
	□ Fall	Date:	
	□ Spring	Date:	
	□ Fall	Date:	
	□ Spring	Date:	
	□ Fall	Date:	
	□ Spring	Date:	
	□ Fall	Date:	
	□ Spring	Date:	
	□ Fall	Date:	
CULTEC Stormwater Chambers	**2 years after commissioning**		□ Inspect the interior of the stormwater management chambers through inspection port for deficiencies using CCTV or comparable technique. □ Obtain documentation that the stormwater management chambers and feed connectors will function as anticipated.
			Notes
	□ Year 2	Date:	

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Major Maintenance

	Frequency		Action
CULTEC Stormwater Chambers	**9 years after commissioning every 9 years following**		□ Clean stormwater management chambers and feed connectors of any debris. □ Inspect the interior of the stormwater management structures for deficiencies using CCTV or comparable technique. □ Obtain documentation that the stormwater management chambers and feed connectors have been cleaned and will function as intended.
			Notes
	□ Year 9	Date:	
	□ Year 18	Date:	
	□ Year 27	Date:	
	□ Year 36	Date:	
	45 years after commissioning		□ Clean stormwater management chambers and feed connectors of any debris. □ Determine the remaining life expectancy of the stormwater management chambers and recommended schedule and actions to rehabilitate the stormwater management chambers as required. □ Inspect the interior of the stormwater management chambers for deficiencies using CCTV or comparable technique. □ Replace or restore the stormwater management chambers in accordance with the schedule determined at the 45-year inspection. □ Attain the appropriate approvals as required. □ Establish a new operation and maintenance schedule.
			Notes
	□ Year 45	Date:	

For more information, contact CULTEC at (203) 775-4416 or visit www.cultec.com.
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Major Maintenance

	Frequency		Action
Surrounding Site	**Monthly in 1st year**		□ Check for depressions in areas over and surrounding the stormwater management system.
			Notes
	□ Month 1	Date:	
	□ Month 2	Date:	
	□ Month 3	Date:	
	□ Month 4	Date:	
	□ Month 5	Date:	
	□ Month 6	Date:	
	□ Month 7	Date:	
	□ Month 8	Date:	
	□ Month 9	Date:	
	□ Month 10	Date:	
	□ Month 11	Date:	
	□ Month 12	Date:	
	Spring and Fall		□ Check for depressions in areas over and surrounding the stormwater management system.
			Notes
	□ Spring	Date:	
	□ Fall	Date:	
	□ Spring	Date:	
	□ Fall	Date:	
	□ Spring	Date:	
	□ Fall	Date:	
	□ Spring	Date:	
	□ Fall	Date:	
	□ Spring	Date:	
	□ Fall	Date:	
	□ Spring	Date:	
	□ Fall	Date:	
	Yearly		□ Confirm that no unauthorized modifications have been performed to the site.
			Notes
	□ Year 1	Date:	
	□ Year 2	Date:	
	□ Year 3	Date:	
	□ Year 4	Date:	
	□ Year 5	Date:	
	□ Year 6	Date:	
	□ Year 7	Date:	

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