

**PRELIMINARY STORM WATER
HYDROMODIFICATION MANAGEMENT REPORT**

FOR

**PUBLIC STORAGE
231 W CAPITOL EXPY
SAN JOSE, CALIFORNIA**

Public Storage®

PREPARED FOR:

**CITY OF SAN JOSE
PLANNING DIVISION
200 E Santa Clara St – 3rd Floor Tower
San José, CA 95113-1905**

JULY 2019

PREPARED BY:



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BAHM2013
PROJECT REPORT

General Model Information

Project Name: BAHM
Site Name: PS Cap Exp
Site Address: 231 W Capitol Expressway
City: San Jose
Report Date: 7/15/2019
Gage: San Jose
Data Start: 1959/10/01
Data End: 2000/09/30
Timestep: Hourly
Precip Scale: 0.000 (adjusted)
Version Date: 2019/06/06

POC Thresholds

Low Flow Threshold for POC1:	10 Percent of the 2 Year
High Flow Threshold for POC1:	10 Year

Landuse Basin Data

Predeveloped Land Use

Basin 1

Bypass:	No
GroundWater:	No
Pervious Land Use	acre
C D,Urban,Flat(0-5%)	0.386
Pervious Total	0.386
Impervious Land Use	acre
Roads,Flat(0-5%)	1.57
Roof Area	1.65
Sidewalks,Flat(0-5%)	0.074
Impervious Total	3.294
Basin Total	3.68

Element Flows To:
Surface Interflow Groundwater

Mitigated Land Use

Site

Bypass:	No
GroundWater:	No
Pervious Land Use	acre
C D,Urban,Very(>20%)	0.042
C D,Urban,Flat(0-5%)	0.006
Pervious Total	0.048
Impervious Land Use	acre
Roads,Flat(0-5%)	0.341
Sidewalks,Flat(0-5%)	0.058
Impervious Total	0.399
Basin Total	0.447

Element Flows To:

Surface	Interflow	Groundwater
Surface ention Swale	Surface ention Swale	

Rooftop

Bypass:	No
GroundWater:	No
Pervious Land Use C D,Urban,Flat(0-5%)	acre 0.042
Pervious Total	0.042
Impervious Land Use Roof Area	acre 1.03
Impervious Total	1.03
Basin Total	1.072

Element Flows To:

Surface	Interflow	Groundwater
Surface ough Planter	Surface ough Planter	

Undisturbed non-treated

Bypass:	No
GroundWater:	No
Pervious Land Use C D,Urban,Flat(0-5%)	acre 0.157
Pervious Total	0.157
Impervious Land Use Roads,Flat(0-5%) Roof Area Sidewalks,Flat(0-5%)	acre 0.766 0.867 0.069
Impervious Total	1.702
Basin Total	1.859

Element Flows To:		
Surface	Interflow	Groundwater

Self-Treating

Bypass:	No
GroundWater:	No
Pervious Land Use C D,Urban,Flat(0-5%)	acre 0.295
Pervious Total	0.295
Impervious Land Use	acre
Impervious Total	0
Basin Total	0.295

Element Flows To:		
Surface	Interflow	Groundwater

Routing Elements
Predeveloped Routing

Mitigated Routing

Flow Through Planter

Bottom Length:	402.00 ft.
Bottom Width:	4.60 ft.
Material thickness of first layer:	1.5
Material type for first layer:	BAHM 5
Material thickness of second layer:	1
Material type for second layer:	GRAVEL
Material thickness of third layer:	0
Material type for third layer:	GRAVEL
Underdrain used	
Underdrain Diameter (feet):	0.333
Orifice Diameter (in.):	3.99
Offset (in.):	0
Flow Through Underdrain (ac-ft.):	0
Total Outflow (ac-ft.):	48.886
Percent Through Underdrain:	60.6
Discharge Structure	
Riser Height:	1 ft.
Riser Diameter:	0.5 in.
Element Flows To:	
Outlet 1	Outlet 2

Landscape Swale Hydraulic Table

Stage(feet)	Area(ac.)	Volume(ac-ft.)	Discharge(cfs)	Infilt(cfs)
0.0000	0.0425	0.0000	0.0000	0.0000
0.0407	0.0425	0.0007	0.0000	0.0000
0.0813	0.0425	0.0013	0.0000	0.0000
0.1220	0.0425	0.0020	0.0000	0.0000
0.1626	0.0425	0.0026	0.0000	0.0000
0.2033	0.0425	0.0033	0.0000	0.0000
0.2440	0.0425	0.0039	0.0000	0.0000
0.2846	0.0425	0.0046	0.0000	0.0000
0.3253	0.0425	0.0052	0.0000	0.0000
0.3659	0.0425	0.0059	0.0000	0.0000
0.4066	0.0425	0.0066	0.0088	0.0000
0.4473	0.0425	0.0072	0.0104	0.0000
0.4879	0.0425	0.0079	0.0123	0.0000
0.5286	0.0425	0.0085	0.0145	0.0000
0.5692	0.0425	0.0092	0.0171	0.0000
0.6099	0.0425	0.0098	0.0199	0.0000
0.6505	0.0425	0.0105	0.0231	0.0000
0.6912	0.0425	0.0112	0.0267	0.0000
0.7319	0.0425	0.0118	0.0306	0.0000
0.7725	0.0425	0.0125	0.0349	0.0000
0.8132	0.0425	0.0131	0.0396	0.0000
0.8538	0.0425	0.0138	0.0447	0.0000
0.8945	0.0425	0.0144	0.0502	0.0000
0.9352	0.0425	0.0151	0.0561	0.0000
0.9758	0.0425	0.0157	0.0613	0.0000
1.0165	0.0425	0.0164	0.0625	0.0000
1.0571	0.0425	0.0171	0.0693	0.0000
1.0978	0.0425	0.0177	0.0766	0.0000
1.1385	0.0425	0.0184	0.0843	0.0000

1.1791	0.0425	0.0190	0.0925	0.0000
1.2198	0.0425	0.0197	0.1012	0.0000
1.2604	0.0425	0.0203	0.1104	0.0000
1.3011	0.0425	0.0210	0.1201	0.0000
1.3418	0.0425	0.0216	0.1229	0.0000
1.3824	0.0425	0.0223	0.1380	0.0000
1.4231	0.0425	0.0230	0.1465	0.0000
1.4637	0.0425	0.0236	0.1516	0.0000
1.5044	0.0425	0.0243	0.1639	0.0000
1.5451	0.0425	0.0250	0.1700	0.0000
1.5857	0.0425	0.0258	0.1754	0.0000
1.6264	0.0425	0.0265	0.1862	0.0000
1.6670	0.0425	0.0272	0.1955	0.0000
1.7077	0.0425	0.0279	0.1963	0.0000
1.7484	0.0425	0.0286	0.2080	0.0000
1.7890	0.0425	0.0293	0.2258	0.0000
1.8297	0.0425	0.0301	0.2423	0.0000
1.8703	0.0425	0.0308	0.2577	0.0000
1.9110	0.0425	0.0315	0.2722	0.0000
1.9516	0.0425	0.0322	0.2860	0.0000
1.9923	0.0425	0.0329	0.2992	0.0000
2.0330	0.0425	0.0336	0.3118	0.0000
2.0736	0.0425	0.0344	0.3239	0.0000
2.1143	0.0425	0.0351	0.3355	0.0000
2.1549	0.0425	0.0358	0.3468	0.0000
2.1956	0.0425	0.0365	0.3567	0.0000
2.2363	0.0425	0.0372	0.3567	0.0000
2.2769	0.0425	0.0379	0.3567	0.0000
2.3176	0.0425	0.0387	0.3567	0.0000
2.3582	0.0425	0.0394	0.3567	0.0000
2.3989	0.0425	0.0401	0.3567	0.0000
2.4396	0.0425	0.0408	0.3567	0.0000
2.4802	0.0425	0.0415	0.3567	0.0000
2.5000	0.0425	0.0419	0.3567	0.0000

Landscape Swale Hydraulic Table

Stage(feet)	Area(ac.)	Volume(ac-ft.)	Discharge(cfs)	To Amended(cfs)	Infiltr(cfs)
2.5000	0.0425	0.0419	0.0000	0.2140	0.0000
2.5407	0.0425	0.0436	0.0000	0.2140	0.0000
2.5813	0.0425	0.0453	0.0000	0.2256	0.0000
2.6220	0.0425	0.0470	0.0000	0.2314	0.0000
2.6626	0.0425	0.0488	0.0000	0.2372	0.0000
2.7033	0.0425	0.0505	0.0000	0.2430	0.0000
2.7440	0.0425	0.0522	0.0000	0.2488	0.0000
2.7846	0.0425	0.0540	0.0000	0.2546	0.0000
2.8253	0.0425	0.0557	0.0000	0.2604	0.0000
2.8659	0.0425	0.0574	0.0000	0.2662	0.0000
2.9066	0.0425	0.0591	0.0000	0.2720	0.0000
2.9473	0.0425	0.0609	0.0000	0.2778	0.0000
2.9879	0.0425	0.0626	0.0000	0.2836	0.0000
3.0286	0.0425	0.0643	0.0000	0.2894	0.0000
3.0692	0.0425	0.0660	0.0000	0.2952	0.0000
3.1099	0.0425	0.0678	0.0000	0.3011	0.0000
3.1505	0.0425	0.0695	0.0000	0.3069	0.0000
3.1912	0.0425	0.0712	0.0000	0.3127	0.0000
3.2319	0.0425	0.0729	0.0000	0.3185	0.0000
3.2725	0.0425	0.0747	0.0000	0.3243	0.0000
3.3132	0.0425	0.0764	0.0000	0.3301	0.0000

3.3538	0.0425	0.0781	0.0000	0.3359	0.0000
3.3945	0.0425	0.0798	0.0000	0.3417	0.0000
3.4352	0.0425	0.0816	0.0000	0.3475	0.0000
3.4758	0.0425	0.0833	0.0000	0.3533	0.0000
3.5165	0.0425	0.0850	0.0007	0.3591	0.0000
3.5571	0.0425	0.0867	0.0013	0.3649	0.0000
3.5978	0.0425	0.0885	0.0017	0.3707	0.0000
3.6385	0.0425	0.0902	0.0020	0.3765	0.0000
3.6791	0.0425	0.0919	0.0023	0.3823	0.0000
3.7000	0.0425	0.0928	0.0026	0.3853	0.0000

Surface ough Planter

Element Flows To:

Outlet 1

Outlet 2

Flow Through Planter

Bioretention Swale

Bottom Length:	56.00 ft.
Bottom Width:	13.41 ft.
Material thickness of first layer:	1.5
Material type for first layer:	BAHM 5
Material thickness of second layer:	1
Material type for second layer:	GRAVEL
Material thickness of third layer:	0
Material type for third layer:	GRAVEL
Underdrain used	
Underdrain Diameter (feet):	0.333
Orifice Diameter (in.):	3.99
Offset (in.):	0
Flow Through Underdrain (ac-ft.):	0
Total Outflow (ac-ft.):	21.577
Percent Through Underdrain:	52.14
Discharge Structure	
Riser Height:	1 ft.
Riser Diameter:	0.5 in.
Element Flows To:	
Outlet 1	Outlet 2

Landscape Swale Hydraulic Table

Stage(feet)	Area(ac.)	Volume(ac-ft.)	Discharge(cfs)	Infilt(cfs)
0.0000	0.0365	0.0000	0.0000	0.0000
0.0407	0.0364	0.0003	0.0000	0.0000
0.0813	0.0361	0.0005	0.0000	0.0000
0.1220	0.0357	0.0008	0.0000	0.0000
0.1626	0.0354	0.0011	0.0000	0.0000
0.2033	0.0351	0.0014	0.0000	0.0000
0.2440	0.0348	0.0017	0.0000	0.0000
0.2846	0.0345	0.0020	0.0000	0.0000
0.3253	0.0342	0.0023	0.0000	0.0000
0.3659	0.0339	0.0026	0.0000	0.0000
0.4066	0.0335	0.0029	0.0036	0.0000
0.4473	0.0332	0.0032	0.0042	0.0000
0.4879	0.0329	0.0035	0.0050	0.0000
0.5286	0.0326	0.0039	0.0059	0.0000
0.5692	0.0323	0.0042	0.0069	0.0000
0.6099	0.0320	0.0045	0.0081	0.0000
0.6505	0.0317	0.0049	0.0094	0.0000
0.6912	0.0314	0.0052	0.0108	0.0000
0.7319	0.0310	0.0056	0.0124	0.0000
0.7725	0.0307	0.0059	0.0142	0.0000
0.8132	0.0304	0.0063	0.0161	0.0000
0.8538	0.0301	0.0067	0.0181	0.0000
0.8945	0.0298	0.0070	0.0204	0.0000
0.9352	0.0295	0.0074	0.0228	0.0000
0.9758	0.0292	0.0078	0.0249	0.0000
1.0165	0.0288	0.0082	0.0254	0.0000
1.0571	0.0285	0.0086	0.0281	0.0000
1.0978	0.0282	0.0090	0.0311	0.0000
1.1385	0.0279	0.0094	0.0342	0.0000
1.1791	0.0276	0.0098	0.0376	0.0000
1.2198	0.0273	0.0102	0.0411	0.0000

1.2604	0.0270	0.0106	0.0448	0.0000
1.3011	0.0266	0.0110	0.0488	0.0000
1.3418	0.0263	0.0114	0.0529	0.0000
1.3824	0.0260	0.0119	0.0573	0.0000
1.4231	0.0257	0.0123	0.0599	0.0000
1.4637	0.0254	0.0127	0.0618	0.0000
1.5044	0.0251	0.0132	0.0666	0.0000
1.5451	0.0248	0.0137	0.0716	0.0000
1.5857	0.0245	0.0142	0.0767	0.0000
1.6264	0.0241	0.0147	0.0821	0.0000
1.6670	0.0238	0.0152	0.1449	0.0000
1.7077	0.0235	0.0157	0.1449	0.0000
1.7484	0.0232	0.0162	0.1449	0.0000
1.7890	0.0229	0.0167	0.1449	0.0000
1.8297	0.0226	0.0173	0.1449	0.0000
1.8703	0.0223	0.0178	0.1449	0.0000
1.9110	0.0219	0.0183	0.1449	0.0000
1.9516	0.0216	0.0189	0.1449	0.0000
1.9923	0.0213	0.0194	0.1449	0.0000
2.0330	0.0210	0.0200	0.1449	0.0000
2.0736	0.0207	0.0205	0.1449	0.0000
2.1143	0.0204	0.0211	0.1449	0.0000
2.1549	0.0201	0.0217	0.1449	0.0000
2.1956	0.0197	0.0223	0.1449	0.0000
2.2363	0.0194	0.0228	0.1449	0.0000
2.2769	0.0191	0.0234	0.1449	0.0000
2.3176	0.0188	0.0240	0.1449	0.0000
2.3582	0.0185	0.0246	0.1449	0.0000
2.3989	0.0182	0.0252	0.1449	0.0000
2.4396	0.0179	0.0258	0.1449	0.0000
2.4802	0.0176	0.0264	0.1449	0.0000
2.5000	0.0172	0.0267	0.1449	0.0000

Landscape Swale Hydraulic Table

Stage(feet)	Area(ac.)	Volume(ac-ft.)	Discharge(cfs)	To Amended(cfs)	Infilt(cfs)
2.5000	0.0365	0.0267	0.0000	0.0869	0.0000
2.5407	0.0368	0.0282	0.0000	0.0869	0.0000
2.5813	0.0372	0.0297	0.0000	0.0916	0.0000
2.6220	0.0375	0.0312	0.0000	0.0940	0.0000
2.6626	0.0378	0.0328	0.0000	0.0963	0.0000
2.7033	0.0381	0.0343	0.0000	0.0987	0.0000
2.7440	0.0384	0.0359	0.0000	0.1011	0.0000
2.7846	0.0387	0.0374	0.0000	0.1034	0.0000
2.8253	0.0390	0.0390	0.0000	0.1058	0.0000
2.8659	0.0393	0.0406	0.0000	0.1081	0.0000
2.9066	0.0397	0.0422	0.0000	0.1105	0.0000
2.9473	0.0400	0.0438	0.0000	0.1128	0.0000
2.9879	0.0403	0.0455	0.0000	0.1152	0.0000
3.0286	0.0406	0.0471	0.0000	0.1175	0.0000
3.0692	0.0409	0.0488	0.0000	0.1199	0.0000
3.1099	0.0412	0.0504	0.0000	0.1223	0.0000
3.1505	0.0415	0.0521	0.0000	0.1246	0.0000
3.1912	0.0419	0.0538	0.0000	0.1270	0.0000
3.2319	0.0422	0.0555	0.0000	0.1293	0.0000
3.2725	0.0425	0.0572	0.0000	0.1317	0.0000
3.3132	0.0428	0.0590	0.0000	0.1340	0.0000
3.3538	0.0431	0.0607	0.0000	0.1364	0.0000
3.3945	0.0434	0.0625	0.0000	0.1387	0.0000

3.4352	0.0437	0.0642	0.0000	0.1411	0.0000
3.4758	0.0441	0.0660	0.0000	0.1435	0.0000
3.5165	0.0444	0.0678	0.0007	0.1458	0.0000
3.5571	0.0447	0.0696	0.0013	0.1482	0.0000
3.5978	0.0450	0.0715	0.0017	0.1505	0.0000
3.6385	0.0453	0.0733	0.0020	0.1529	0.0000
3.6791	0.0456	0.0751	0.0023	0.1552	0.0000
3.7000	0.0458	0.0761	0.0026	0.1565	0.0000

Surface ention Swale

Element Flows To:

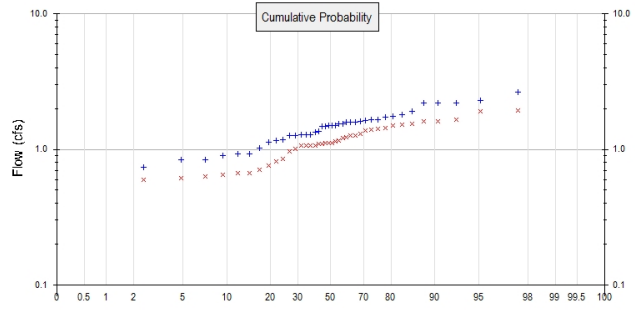
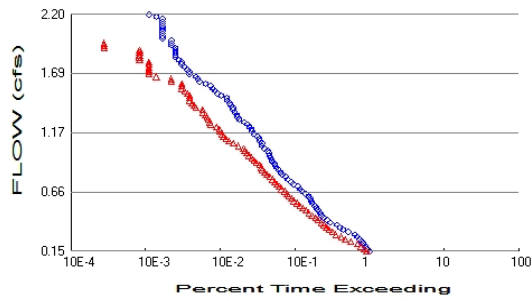
Outlet 1

Outlet 2

Bioretention Swale

Analysis Results

POC 1



+ Predeveloped x Mitigated

Predeveloped Landuse Totals for POC #1

Total Pervious Area: 0.386
 Total Impervious Area: 3.294

Mitigated Landuse Totals for POC #1

Total Pervious Area: 0.542
 Total Impervious Area: 3.131

Flow Frequency Method: Weibull

Flow Frequency Return Periods for Predeveloped. POC #1

Return Period	Flow(cfs)
2 year	1.48985
5 year	1.731619
10 year	2.198188
25 year	2.370534

Flow Frequency Return Periods for Mitigated. POC #1

Return Period	Flow(cfs)
2 year	1.11676
5 year	1.469574
10 year	1.606386
25 year	1.910286

Annual Peaks

Annual Peaks for Predeveloped and Mitigated. POC #1

Year	Predeveloped	Mitigated
1960	0.928	0.648
1961	0.833	0.580
1962	1.478	1.300
1963	1.624	1.425
1964	2.303	1.657
1965	1.348	1.013
1966	0.725	0.599
1967	1.666	1.404
1968	2.186	1.949
1969	1.290	1.138
1970	1.548	1.117
1971	1.661	1.271
1972	0.932	0.629
1973	1.743	1.516

1974	1.278	0.961
1975	1.581	1.116
1976	1.128	0.760
1977	1.173	0.816
1978	1.276	1.101
1979	1.596	1.166
1980	1.914	1.607
1981	0.840	0.672
1982	2.209	1.606
1983	1.614	1.495
1984	1.357	1.059
1985	2.202	1.551
1986	1.792	1.436
1987	0.741	0.666
1988	1.157	0.849
1989	1.017	0.703
1990	1.490	1.118
1991	1.503	1.073
1992	1.590	1.374
1993	1.716	1.227
1994	1.501	1.067
1995	1.273	1.260
1996	2.657	1.901
1997	1.262	1.217
1998	1.534	1.095
1999	0.901	0.614
2000	1.485	1.068

Ranked Annual Peaks

Ranked Annual Peaks for Predeveloped and Mitigated. POC #1

Rank	Predeveloped	Mitigated
1	2.6570	1.9492
2	2.3031	1.9011
3	2.2085	1.6568
4	2.2020	1.6066
5	2.1860	1.6057
6	1.9140	1.5511
7	1.7920	1.5161
8	1.7434	1.4947
9	1.7160	1.4360
10	1.6660	1.4253
11	1.6614	1.4044
12	1.6243	1.3745
13	1.6137	1.2999
14	1.5956	1.2706
15	1.5899	1.2603
16	1.5809	1.2273
17	1.5483	1.2165
18	1.5343	1.1656
19	1.5033	1.1380
20	1.5014	1.1181
21	1.4899	1.1168
22	1.4850	1.1160
23	1.4782	1.1005
24	1.3567	1.0951
25	1.3480	1.0726
26	1.2896	1.0680
27	1.2781	1.0671

28	1.2764	1.0595
29	1.2734	1.0134
30	1.2617	0.9610
31	1.1732	0.8485
32	1.1568	0.8158
33	1.1282	0.7598
34	1.0173	0.7031
35	0.9321	0.6716
36	0.9280	0.6665
37	0.9007	0.6476
38	0.8398	0.6287
39	0.8332	0.6137
40	0.7413	0.5990
41	0.7251	0.5795

Duration Flows

The Facility PASSED

Flow(cfs)	Predev	Mit	Percentage	Pass/Fail
0.1490	3581	3315	92	Pass
0.1697	3401	3048	89	Pass
0.1904	3191	2774	86	Pass
0.2111	3002	2483	82	Pass
0.2318	2848	2012	70	Pass
0.2525	2663	1709	64	Pass
0.2732	2475	1514	61	Pass
0.2939	2298	1272	55	Pass
0.3146	1891	1144	60	Pass
0.3353	1607	1038	64	Pass
0.3560	1448	959	66	Pass
0.3767	1321	892	67	Pass
0.3974	1086	816	75	Pass
0.4181	964	738	76	Pass
0.4388	885	683	77	Pass
0.4595	817	607	74	Pass
0.4802	782	555	70	Pass
0.5009	741	506	68	Pass
0.5216	703	458	65	Pass
0.5423	666	421	63	Pass
0.5630	627	383	61	Pass
0.5837	605	353	58	Pass
0.6044	582	325	55	Pass
0.6251	551	299	54	Pass
0.6458	507	285	56	Pass
0.6665	449	262	58	Pass
0.6872	420	239	56	Pass
0.7079	393	223	56	Pass
0.7286	349	206	59	Pass
0.7493	319	194	60	Pass
0.7700	288	180	62	Pass
0.7907	270	166	61	Pass
0.8114	246	152	61	Pass
0.8321	231	141	61	Pass
0.8528	217	133	61	Pass
0.8735	206	128	62	Pass
0.8941	195	122	62	Pass
0.9148	186	110	59	Pass
0.9355	177	103	58	Pass
0.9562	170	96	56	Pass
0.9769	165	87	52	Pass
0.9976	160	81	50	Pass
1.0183	155	76	49	Pass
1.0390	140	74	52	Pass
1.0597	132	63	47	Pass
1.0804	130	54	41	Pass
1.1011	122	47	38	Pass
1.1218	120	43	35	Pass
1.1425	114	40	35	Pass
1.1632	101	38	37	Pass
1.1839	97	36	37	Pass
1.2046	94	35	37	Pass
1.2253	88	32	36	Pass

1.2460	84	27	32	Pass
1.2667	76	26	34	Pass
1.2874	65	25	38	Pass
1.3081	62	24	38	Pass
1.3288	60	23	38	Pass
1.3495	56	21	37	Pass
1.3702	54	21	38	Pass
1.3909	53	17	32	Pass
1.4116	50	16	32	Pass
1.4323	48	15	31	Pass
1.4530	45	14	31	Pass
1.4737	44	14	31	Pass
1.4944	37	14	37	Pass
1.5151	33	13	39	Pass
1.5358	31	12	38	Pass
1.5565	29	11	37	Pass
1.5772	27	11	40	Pass
1.5979	23	11	47	Pass
1.6186	19	8	42	Pass
1.6393	18	8	44	Pass
1.6600	17	5	29	Pass
1.6807	14	4	28	Pass
1.7014	14	4	28	Pass
1.7221	13	4	30	Pass
1.7428	12	4	33	Pass
1.7635	11	4	36	Pass
1.7842	11	4	36	Pass
1.8049	10	3	30	Pass
1.8256	9	3	33	Pass
1.8463	9	3	33	Pass
1.8670	9	3	33	Pass
1.8877	9	3	33	Pass
1.9084	9	1	11	Pass
1.9291	8	1	12	Pass
1.9498	8	1	12	Pass
1.9705	8	0	0	Pass
1.9912	6	0	0	Pass
2.0119	6	0	0	Pass
2.0326	6	0	0	Pass
2.0533	6	0	0	Pass
2.0740	6	0	0	Pass
2.0947	6	0	0	Pass
2.1154	6	0	0	Pass
2.1361	6	0	0	Pass
2.1568	6	0	0	Pass
2.1775	5	0	0	Pass
2.1982	4	0	0	Pass

Water Quality

Model Default Modifications

Total of 0 changes have been made.

PERLND Changes

No PERLND changes have been made.

IMPLND Changes

No IMPLND changes have been made.

Appendix
Predeveloped Schematic



Basin 1
3.68ac

Mitigated Schematic



Mitigated UCI File

Predeveloped HSPF Message File

Mitigated HSPF Message File

Disclaimer

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