

Time span=0.00-20.00 hrs, dt=0.01 hrs, 2001 points x 2
Runoff by SCS TR-20 method, UH=SCS
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

- Subcatchment 5.1E:** Runoff Area=31,933 sf 41.91% Impervious Runoff Depth>0.75"
Flow Length=142' Tc=7.6 min CN=70 Runoff=0.60 cfs 0.046 af
- Subcatchment S1:** Runoff Area=9.020 ac 3.55% Impervious Runoff Depth>0.04"
Flow Length=1,389' Tc=13.3 min CN=46 Runoff=0.07 cfs 0.030 af
- Subcatchment S2:** Runoff Area=218,770 sf 67.66% Impervious Runoff Depth>1.29"
Flow Length=871' Tc=7.2 min CN=80 Runoff=7.83 cfs 0.541 af
- Subcatchment S3:** Runoff Area=3.484 ac 76.46% Impervious Runoff Depth>2.13"
Tc=5.0 min CN=91 Runoff=9.40 cfs 0.617 af
- Subcatchment S4:** Runoff Area=13.930 ac 10.84% Impervious Runoff Depth>0.29"
Flow Length=2,418' Tc=20.2 min CN=58 Runoff=2.07 cfs 0.337 af
- Subcatchment S5:** Runoff Area=169,643 sf 75.76% Impervious Runoff Depth>1.71"
Tc=5.0 min CN=86 Runoff=8.69 cfs 0.556 af
- Subcatchment S5.1:** Runoff Area=3.325 ac 70.53% Impervious Runoff Depth>1.87"
Flow Length=1,190' Tc=14.6 min CN=88 Runoff=5.94 cfs 0.517 af
- Subcatchment S5.1A:** Runoff Area=558,034 sf 9.74% Impervious Runoff Depth>0.18"
Flow Length=1,375' Tc=21.0 min CN=54 Runoff=0.89 cfs 0.196 af
- Subcatchment S5.1B:** Runoff Area=740,256 sf 17.91% Impervious Runoff Depth>0.45"
Flow Length=2,092' Tc=24.8 min CN=63 Runoff=4.67 cfs 0.641 af
- Subcatchment S5.1C:** Runoff Area=16.789 ac 12.17% Impervious Runoff Depth>0.69"
Flow Length=2,090' Tc=25.1 min CN=69 Runoff=8.23 cfs 0.972 af
- Subcatchment S5.1D:** Runoff Area=50,009 sf 28.94% Impervious Runoff Depth>0.46"
Flow Length=355' Tc=11.3 min CN=63 Runoff=0.41 cfs 0.044 af
- Subcatchment S52.1:** Runoff Area=471,416 sf 7.66% Impervious Runoff Depth>0.65"
Flow Length=1,830' Tc=19.7 min CN=68 Runoff=5.37 cfs 0.588 af
- Subcatchment S52.2:** Runoff Area=151,112 sf 9.97% Impervious Runoff Depth>0.65"
Flow Length=752' Tc=27.6 min CN=68 Runoff=1.50 cfs 0.188 af
- Subcatchment S53:** Runoff Area=217,375 sf 7.95% Impervious Runoff Depth>0.65"
Flow Length=958' Tc=15.8 min CN=68 Runoff=2.69 cfs 0.272 af
- Subcatchment S54:** Runoff Area=101,058 sf 2.07% Impervious Runoff Depth>0.57"
Flow Length=625' Tc=18.3 min CN=66 Runoff=0.98 cfs 0.110 af
- Subcatchment S56.1:** Runoff Area=113,139 sf 53.15% Impervious Runoff Depth>1.57"
Tc=5.0 min CN=84 Runoff=5.31 cfs 0.339 af

3659-12003C-Proposed Conditions POA 3-01

Type III 24-hr 2-Year Rainfall=3.20"

Prepared by {enter your company name here}

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Subcatchment S56.3: Runoff Area=85,676 sf 82.51% Impervious Runoff Depth>2.31"
Tc=5.0 min CN=93 Runoff=5.66 cfs 0.379 af

Subcatchment S56.4: Runoff Area=62,965 sf 51.39% Impervious Runoff Depth>0.70"
Flow Length=626' Tc=15.1 min CN=69 Runoff=0.86 cfs 0.084 af

Subcatchment S62: Runoff Area=27,209 sf 100.00% Impervious Runoff Depth>2.83"
Tc=5.0 min CN=98 Runoff=2.01 cfs 0.147 af

Reach 2R: Existing Stream Avg. Flow Depth=0.11' Max Vel=2.05 fps Inflow=0.77 cfs 0.280 af
n=0.030 L=750.0' S=0.0373 '/ Capacity=208.76 cfs Outflow=0.77 cfs 0.276 af

Reach 4R: Avg. Flow Depth=0.00' Max Vel=0.00 fps Inflow=0.00 cfs 0.000 af
n=0.030 L=105.0' S=0.0308 '/ Capacity=135.01 cfs Outflow=0.00 cfs 0.000 af

Reach 5R: Ditch Avg. Flow Depth=0.00' Max Vel=0.00 fps Inflow=0.00 cfs 0.000 af
x 2.00 n=0.030 L=65.0' S=0.2385 '/ Capacity=303.75 cfs Outflow=0.00 cfs 0.000 af

Reach 7R: Avg. Flow Depth=0.00' Max Vel=0.00 fps Inflow=0.00 cfs 0.000 af
n=0.030 L=615.0' S=0.0353 '/ Capacity=22.79 cfs Outflow=0.00 cfs 0.000 af

Reach 8R: Avg. Flow Depth=0.00' Max Vel=0.00 fps Inflow=0.00 cfs 0.000 af
n=0.030 L=450.0' S=0.0423 '/ Capacity=24.94 cfs Outflow=0.00 cfs 0.000 af

Reach G-1: Gutter Avg. Flow Depth=0.00' Max Vel=0.00 fps Inflow=0.00 cfs 0.000 af
x 2.00 n=0.030 L=240.0' S=0.0304 '/ Capacity=42.29 cfs Outflow=0.00 cfs 0.000 af

Reach G-2: Gutter Avg. Flow Depth=0.00' Max Vel=0.00 fps Inflow=0.00 cfs 0.000 af
n=0.030 L=260.0' S=0.0247 '/ Capacity=19.05 cfs Outflow=0.00 cfs 0.000 af

Reach L108: Existing Swale Avg. Flow Depth=0.02' Max Vel=1.05 fps Inflow=1.11 cfs 0.239 af
n=0.030 L=774.0' S=0.0646 '/ Capacity=1,762.00 cfs Outflow=0.96 cfs 0.236 af

Reach O5: Inflow=4.94 cfs 0.686 af
Outflow=4.94 cfs 0.686 af

Reach POA3: Inflow=12.84 cfs 3.315 af
Outflow=12.84 cfs 3.315 af

Pond 1R: Existing 24" Peak Elev=44.97' Inflow=5.66 cfs 0.379 af
Primary=5.66 cfs 0.379 af Secondary=0.00 cfs 0.000 af Outflow=5.66 cfs 0.379 af

Pond 2P: Blue Hill Intersection Peak Elev=46.50' Storage=0 cf Inflow=0.00 cfs 0.000 af
Outflow=0.00 cfs 0.000 af

Pond 18R: Existing 18" Peak Elev=109.00' Inflow=7.83 cfs 0.572 af
Primary=7.83 cfs 0.572 af Secondary=0.00 cfs 0.000 af Outflow=7.83 cfs 0.572 af

Pond 24R: Existing 24" Peak Elev=97.04' Inflow=16.84 cfs 1.189 af
Primary=16.84 cfs 1.189 af Secondary=0.00 cfs 0.000 af Outflow=16.84 cfs 1.189 af

Pond 48R: 48" Peak Elev=79.68' Inflow=29.68 cfs 2.598 af
48.0" Round Culvert n=0.014 L=1,000.0' S=0.0307 '/ Outflow=29.68 cfs 2.598 af

Pond 52.1P: Upper Pond Peak Elev=48.54' Storage=38,246 cf Inflow=37.23 cfs 3.912 af
Primary=11.14 cfs 1.989 af Secondary=8.29 cfs 1.612 af Outflow=19.07 cfs 3.601 af

Pond 52.2P: Lower Pond Peak Elev=48.00' Storage=35,862 cf Inflow=12.46 cfs 2.177 af
Outflow=4.29 cfs 1.734 af

Pond 53P: Wetland Area Peak Elev=79.13' Storage=10,706 cf Inflow=2.94 cfs 0.508 af
Outflow=0.77 cfs 0.280 af

Pond L179: Existing 24" Peak Elev=43.66' Inflow=10.65 cfs 1.435 af
Primary=10.65 cfs 1.435 af Secondary=0.00 cfs 0.000 af Outflow=10.65 cfs 1.435 af

Pond LINK 110.1: Existing 18" Peak Elev=48.14' Inflow=8.23 cfs 0.972 af
Primary=8.23 cfs 0.972 af Secondary=0.00 cfs 0.000 af Outflow=8.23 cfs 0.972 af

Pond MH-A: 15" RCP Peak Elev=158.25' Inflow=4.67 cfs 0.641 af
Primary=4.67 cfs 0.641 af Secondary=0.00 cfs 0.000 af Outflow=4.67 cfs 0.641 af

Pond MH-B: 21" RCP Peak Elev=150.00' Inflow=4.67 cfs 0.641 af
21.0" Round Culvert n=0.012 L=300.0' S=0.0060 '/' Outflow=4.67 cfs 0.641 af

Pond MH-C: Overflow Manhole Peak Elev=147.51' Inflow=4.94 cfs 0.686 af
Primary=4.94 cfs 0.686 af Secondary=0.00 cfs 0.000 af Outflow=4.94 cfs 0.686 af

Pond MH-D: Peak Elev=152.99' Storage=0 cf Inflow=0.89 cfs 0.196 af
Primary=0.89 cfs 0.196 af Secondary=0.00 cfs 0.000 af Outflow=0.89 cfs 0.196 af

Pond MH-E: 24" RCP Peak Elev=148.30' Inflow=1.11 cfs 0.239 af
24.0" Round Culvert n=0.012 L=260.0' S=0.0262 '/' Outflow=1.11 cfs 0.239 af

Pond MH-F: 24" RCP Peak Elev=148.29' Storage=0 cf Inflow=1.11 cfs 0.239 af
Primary=1.11 cfs 0.239 af Secondary=0.00 cfs 0.000 af Outflow=1.11 cfs 0.239 af

Pond P3: Existing Outlet Peak Elev=42.85' Inflow=11.28 cfs 1.582 af
Primary=11.28 cfs 1.582 af Secondary=0.00 cfs 0.000 af Outflow=11.28 cfs 1.582 af

Pond P3B: Existing 18" Peak Elev=44.77' Inflow=8.90 cfs 1.056 af
Primary=8.90 cfs 1.056 af Secondary=0.00 cfs 0.000 af Outflow=8.90 cfs 1.056 af

Pond P3C: Existing 18" Peak Elev=44.04' Inflow=2.01 cfs 0.147 af
Primary=2.01 cfs 0.147 af Secondary=0.00 cfs 0.000 af Outflow=2.01 cfs 0.147 af

Time span=0.00-20.00 hrs, dt=0.01 hrs, 2001 points x 2
Runoff by SCS TR-20 method, UH=SCS
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

- Subcatchment S5.1E:** Runoff Area=31,933 sf 41.91% Impervious Runoff Depth>1.60"
Flow Length=142' Tc=7.6 min CN=70 Runoff=1.38 cfs 0.098 af
- Subcatchment S1:** Runoff Area=9.020 ac 3.55% Impervious Runoff Depth>0.30"
Flow Length=1,389' Tc=13.3 min CN=46 Runoff=1.26 cfs 0.227 af
- Subcatchment S2:** Runoff Area=218,770 sf 67.66% Impervious Runoff Depth>2.37"
Flow Length=871' Tc=7.2 min CN=80 Runoff=14.39 cfs 0.993 af
- Subcatchment S3:** Runoff Area=3.484 ac 76.46% Impervious Runoff Depth>3.40"
Tc=5.0 min CN=91 Runoff=14.65 cfs 0.987 af
- Subcatchment S4:** Runoff Area=13.930 ac 10.84% Impervious Runoff Depth>0.85"
Flow Length=2,418' Tc=20.2 min CN=58 Runoff=8.57 cfs 0.983 af
- Subcatchment S5:** Runoff Area=169,643 sf 75.76% Impervious Runoff Depth>2.91"
Tc=5.0 min CN=86 Runoff=14.50 cfs 0.944 af
- Subcatchment S5.1:** Runoff Area=3.325 ac 70.53% Impervious Runoff Depth>3.09"
Flow Length=1,190' Tc=14.6 min CN=88 Runoff=9.66 cfs 0.857 af
- Subcatchment S5.1A:** Runoff Area=558,034 sf 9.74% Impervious Runoff Depth>0.64"
Flow Length=1,375' Tc=21.0 min CN=54 Runoff=5.24 cfs 0.684 af
- Subcatchment S5.1B:** Runoff Area=740,256 sf 17.91% Impervious Runoff Depth>1.13"
Flow Length=2,092' Tc=24.8 min CN=63 Runoff=14.02 cfs 1.602 af
- Subcatchment S5.1C:** Runoff Area=16.789 ac 12.17% Impervious Runoff Depth>1.52"
Flow Length=2,090' Tc=25.1 min CN=69 Runoff=19.40 cfs 2.125 af
- Subcatchment S5.1D:** Runoff Area=50,009 sf 28.94% Impervious Runoff Depth>1.14"
Flow Length=355' Tc=11.3 min CN=63 Runoff=1.29 cfs 0.109 af
- Subcatchment S52.1:** Runoff Area=471,416 sf 7.66% Impervious Runoff Depth>1.45"
Flow Length=1,830' Tc=19.7 min CN=68 Runoff=13.15 cfs 1.312 af
- Subcatchment S52.2:** Runoff Area=151,112 sf 9.97% Impervious Runoff Depth>1.45"
Flow Length=752' Tc=27.6 min CN=68 Runoff=3.66 cfs 0.419 af
- Subcatchment S53:** Runoff Area=217,375 sf 7.95% Impervious Runoff Depth>1.46"
Flow Length=958' Tc=15.8 min CN=68 Runoff=6.62 cfs 0.606 af
- Subcatchment S54:** Runoff Area=101,058 sf 2.07% Impervious Runoff Depth>1.32"
Flow Length=625' Tc=18.3 min CN=66 Runoff=2.60 cfs 0.256 af
- Subcatchment S56.1:** Runoff Area=113,139 sf 53.15% Impervious Runoff Depth>2.72"
Tc=5.0 min CN=84 Runoff=9.14 cfs 0.590 af

Subcatchment S56.3:	Runoff Area=85,676 sf 82.51% Impervious Runoff Depth>3.61" Tc=5.0 min CN=93 Runoff=8.59 cfs 0.591 af
Subcatchment S56.4:	Runoff Area=62,965 sf 51.39% Impervious Runoff Depth>1.53" Flow Length=626' Tc=15.1 min CN=69 Runoff=2.05 cfs 0.184 af
Subcatchment S62:	Runoff Area=27,209 sf 100.00% Impervious Runoff Depth>4.16" Tc=5.0 min CN=98 Runoff=2.91 cfs 0.217 af
Reach 2R: Existing Stream	Avg. Flow Depth=0.41' Max Vel=4.34 fps Inflow=8.04 cfs 1.186 af n=0.030 L=750.0' S=0.0373 '/ Capacity=208.76 cfs Outflow=7.94 cfs 1.180 af
Reach 4R:	Avg. Flow Depth=0.34' Max Vel=2.63 fps Inflow=7.66 cfs 0.198 af n=0.030 L=105.0' S=0.0308 '/ Capacity=135.01 cfs Outflow=7.65 cfs 0.198 af
Reach 5R: Ditch	Avg. Flow Depth=0.00' Max Vel=0.00 fps Inflow=0.00 cfs 0.000 af x 2.00 n=0.030 L=65.0' S=0.2385 '/ Capacity=303.75 cfs Outflow=0.00 cfs 0.000 af
Reach 7R:	Avg. Flow Depth=0.00' Max Vel=0.00 fps Inflow=0.00 cfs 0.000 af n=0.030 L=615.0' S=0.0353 '/ Capacity=22.79 cfs Outflow=0.00 cfs 0.000 af
Reach 8R:	Avg. Flow Depth=0.00' Max Vel=0.00 fps Inflow=0.00 cfs 0.000 af n=0.030 L=450.0' S=0.0423 '/ Capacity=24.94 cfs Outflow=0.00 cfs 0.000 af
Reach G-1: Gutter	Avg. Flow Depth=0.16' Max Vel=1.59 fps Inflow=2.19 cfs 0.035 af x 2.00 n=0.030 L=240.0' S=0.0304 '/ Capacity=42.29 cfs Outflow=2.05 cfs 0.035 af
Reach G-2: Gutter	Avg. Flow Depth=0.00' Max Vel=0.00 fps Inflow=0.00 cfs 0.000 af n=0.030 L=260.0' S=0.0247 '/ Capacity=19.05 cfs Outflow=0.00 cfs 0.000 af
Reach L108: Existing Swale	Avg. Flow Depth=0.08' Max Vel=2.33 fps Inflow=8.03 cfs 0.828 af n=0.030 L=774.0' S=0.0646 '/ Capacity=1,762.00 cfs Outflow=7.56 cfs 0.821 af
Reach O5:	Inflow=12.56 cfs 1.665 af Outflow=12.56 cfs 1.665 af
Reach POA3:	Inflow=23.35 cfs 6.253 af Outflow=23.35 cfs 6.253 af
Pond 1R: Existing 24"	Peak Elev=45.92' Inflow=8.59 cfs 0.591 af Primary=8.59 cfs 0.591 af Secondary=0.00 cfs 0.000 af Outflow=8.59 cfs 0.591 af
Pond 2P: Blue Hill Intersection	Peak Elev=47.12' Storage=8,409 cf Inflow=7.89 cfs 0.228 af Outflow=2.62 cfs 0.102 af
Pond 18R: Existing 18"	Peak Elev=111.03' Inflow=14.44 cfs 1.221 af Primary=14.44 cfs 1.221 af Secondary=0.00 cfs 0.000 af Outflow=14.44 cfs 1.221 af
Pond 24R: Existing 24"	Peak Elev=99.34' Inflow=28.46 cfs 2.208 af Primary=28.46 cfs 2.208 af Secondary=0.00 cfs 0.000 af Outflow=28.46 cfs 2.208 af
Pond 48R: 48"	Peak Elev=80.46' Inflow=52.37 cfs 4.991 af 48.0" Round Culvert n=0.014 L=1,000.0' S=0.0307 '/ Outflow=52.37 cfs 4.991 af

Pond 52.1P: Upper Pond Peak Elev=49.96' Storage=79,325 cf Inflow=69.11 cfs 8.329 af
Primary=15.00 cfs 3.410 af Secondary=20.02 cfs 4.518 af Outflow=34.76 cfs 7.928 af

Pond 52.2P: Lower Pond Peak Elev=48.69' Storage=61,833 cf Inflow=18.66 cfs 3.829 af
Outflow=8.26 cfs 3.263 af

Pond 53P: Wetland Area Peak Elev=79.51' Storage=16,145 cf Inflow=12.06 cfs 1.427 af
Outflow=8.04 cfs 1.186 af

Pond L179: Existing 24" Peak Elev=45.39' Inflow=17.29 cfs 2.672 af
Primary=17.29 cfs 2.672 af Secondary=0.00 cfs 0.000 af Outflow=17.29 cfs 2.672 af

Pond LINK 110.1: Existing 18" Peak Elev=51.76' Inflow=19.40 cfs 2.125 af
Primary=12.07 cfs 1.928 af Secondary=7.66 cfs 0.198 af Outflow=19.40 cfs 2.125 af

Pond MH-A: 15" RCP Peak Elev=162.83' Inflow=14.02 cfs 1.602 af
Primary=11.83 cfs 1.567 af Secondary=2.19 cfs 0.035 af Outflow=14.02 cfs 1.602 af

Pond MH-B: 21" RCP Peak Elev=150.92' Inflow=11.83 cfs 1.567 af
21.0" Round Culvert n=0.012 L=300.0' S=0.0060 '/' Outflow=11.83 cfs 1.567 af

Pond MH-C: Overflow Manhole Peak Elev=148.47' Inflow=12.56 cfs 1.665 af
Primary=12.56 cfs 1.665 af Secondary=0.00 cfs 0.000 af Outflow=12.56 cfs 1.665 af

Pond MH-D: Peak Elev=152.99' Storage=0 cf Inflow=7.25 cfs 0.719 af
Primary=7.25 cfs 0.719 af Secondary=0.00 cfs 0.000 af Outflow=7.25 cfs 0.719 af

Pond MH-E: 24" RCP Peak Elev=148.72' Inflow=8.03 cfs 0.828 af
24.0" Round Culvert n=0.012 L=260.0' S=0.0262 '/' Outflow=8.03 cfs 0.828 af

Pond MH-F: 24" RCP Peak Elev=148.29' Storage=0 cf Inflow=8.03 cfs 0.828 af
Primary=8.03 cfs 0.828 af Secondary=0.00 cfs 0.000 af Outflow=8.03 cfs 0.828 af

Pond P3: Existing Outlet Peak Elev=44.09' Inflow=20.09 cfs 2.889 af
Primary=20.09 cfs 2.889 af Secondary=0.00 cfs 0.000 af Outflow=20.09 cfs 2.889 af

Pond P3B: Existing 18" Peak Elev=46.99' Inflow=13.85 cfs 2.111 af
Primary=13.20 cfs 2.081 af Secondary=2.44 cfs 0.030 af Outflow=13.85 cfs 2.111 af

Pond P3C: Existing 18" Peak Elev=44.53' Inflow=2.91 cfs 0.217 af
Primary=2.91 cfs 0.217 af Secondary=0.00 cfs 0.000 af Outflow=2.91 cfs 0.217 af

Time span=0.00-20.00 hrs, dt=0.01 hrs, 2001 points x 2

Runoff by SCS TR-20 method, UH=SCS

Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

- Subcatchment S5.1E:** Runoff Area=31,933 sf 41.91% Impervious Runoff Depth>3.09"
Flow Length=142' Tc=7.6 min CN=70 Runoff=2.70 cfs 0.189 af
- Subcatchment S1:** Runoff Area=9.020 ac 3.55% Impervious Runoff Depth>1.02"
Flow Length=1,389' Tc=13.3 min CN=46 Runoff=7.09 cfs 0.764 af
- Subcatchment S2:** Runoff Area=218,770 sf 67.66% Impervious Runoff Depth>4.10"
Flow Length=871' Tc=7.2 min CN=80 Runoff=24.51 cfs 1.717 af
- Subcatchment S3:** Runoff Area=3.484 ac 76.46% Impervious Runoff Depth>5.31"
Tc=5.0 min CN=91 Runoff=22.24 cfs 1.541 af
- Subcatchment S4:** Runoff Area=13.930 ac 10.84% Impervious Runoff Depth>1.97"
Flow Length=2,418' Tc=20.2 min CN=58 Runoff=22.46 cfs 2.287 af
- Subcatchment S5:** Runoff Area=169,643 sf 75.76% Impervious Runoff Depth>4.75"
Tc=5.0 min CN=86 Runoff=23.10 cfs 1.542 af
- Subcatchment S5.1:** Runoff Area=3.325 ac 70.53% Impervious Runoff Depth>4.96"
Flow Length=1,190' Tc=14.6 min CN=88 Runoff=15.11 cfs 1.374 af
- Subcatchment S5.1A:** Runoff Area=558,034 sf 9.74% Impervious Runoff Depth>1.63"
Flow Length=1,375' Tc=21.0 min CN=54 Runoff=16.26 cfs 1.742 af
- Subcatchment S5.1B:** Runoff Area=740,256 sf 17.91% Impervious Runoff Depth>2.41"
Flow Length=2,092' Tc=24.8 min CN=63 Runoff=31.60 cfs 3.413 af
- Subcatchment S5.1C:** Runoff Area=16.789 ac 12.17% Impervious Runoff Depth>2.97"
Flow Length=2,090' Tc=25.1 min CN=69 Runoff=38.75 cfs 4.159 af
- Subcatchment S5.1D:** Runoff Area=50,009 sf 28.94% Impervious Runoff Depth>2.42"
Flow Length=355' Tc=11.3 min CN=63 Runoff=2.91 cfs 0.232 af
- Subcatchment S52.1:** Runoff Area=471,416 sf 7.66% Impervious Runoff Depth>2.88"
Flow Length=1,830' Tc=19.7 min CN=68 Runoff=26.77 cfs 2.600 af
- Subcatchment S52.2:** Runoff Area=151,112 sf 9.97% Impervious Runoff Depth>2.87"
Flow Length=752' Tc=27.6 min CN=68 Runoff=7.41 cfs 0.831 af
- Subcatchment S53:** Runoff Area=217,375 sf 7.95% Impervious Runoff Depth>2.89"
Flow Length=958' Tc=15.8 min CN=68 Runoff=13.46 cfs 1.201 af
- Subcatchment S54:** Runoff Area=101,058 sf 2.07% Impervious Runoff Depth>2.69"
Flow Length=625' Tc=18.3 min CN=66 Runoff=5.51 cfs 0.521 af
- Subcatchment S56.1:** Runoff Area=113,139 sf 53.15% Impervious Runoff Depth>4.53"
Tc=5.0 min CN=84 Runoff=14.86 cfs 0.981 af

Subcatchment S56.3:	Runoff Area=85,676 sf 82.51% Impervious Runoff Depth>5.54" Tc=5.0 min CN=93 Runoff=12.84 cfs 0.907 af
Subcatchment S56.4:	Runoff Area=62,965 sf 51.39% Impervious Runoff Depth>2.98" Flow Length=626' Tc=15.1 min CN=69 Runoff=4.10 cfs 0.359 af
Subcatchment S62:	Runoff Area=27,209 sf 100.00% Impervious Runoff Depth>6.12" Tc=5.0 min CN=98 Runoff=4.22 cfs 0.319 af
Reach 2R: Existing Stream	Avg. Flow Depth=0.94' Max Vel=6.82 fps Inflow=40.49 cfs 3.658 af n=0.030 L=750.0' S=0.0373 '/ Capacity=208.76 cfs Outflow=40.40 cfs 3.650 af
Reach 4R:	Avg. Flow Depth=0.53' Max Vel=3.56 fps Inflow=25.45 cfs 1.032 af n=0.030 L=105.0' S=0.0308 '/ Capacity=135.01 cfs Outflow=25.43 cfs 1.032 af
Reach 5R: Ditch	Avg. Flow Depth=0.00' Max Vel=0.00 fps Inflow=0.00 cfs 0.000 af x 2.00 n=0.030 L=65.0' S=0.2385 '/ Capacity=303.75 cfs Outflow=0.00 cfs 0.000 af
Reach 7R:	Avg. Flow Depth=0.36' Max Vel=2.91 fps Inflow=11.50 cfs 0.146 af n=0.030 L=615.0' S=0.0353 '/ Capacity=22.79 cfs Outflow=9.24 cfs 0.146 af
Reach 8R:	Avg. Flow Depth=0.32' Max Vel=2.96 fps Inflow=8.71 cfs 0.094 af n=0.030 L=450.0' S=0.0423 '/ Capacity=24.94 cfs Outflow=7.56 cfs 0.094 af
Reach G-1: Gutter	Avg. Flow Depth=0.37' Max Vel=2.78 fps Inflow=19.26 cfs 0.706 af x 2.00 n=0.030 L=240.0' S=0.0304 '/ Capacity=42.29 cfs Outflow=19.16 cfs 0.706 af
Reach G-2: Gutter	Avg. Flow Depth=0.00' Max Vel=0.00 fps Inflow=0.00 cfs 0.000 af n=0.030 L=260.0' S=0.0247 '/ Capacity=19.05 cfs Outflow=0.00 cfs 0.000 af
Reach L108: Existing Swale	Avg. Flow Depth=0.20' Max Vel=4.21 fps Inflow=34.78 cfs 2.728 af n=0.030 L=774.0' S=0.0646 '/ Capacity=1,762.00 cfs Outflow=34.11 cfs 2.714 af
Reach O5:	Inflow=14.53 cfs 2.897 af Outflow=14.53 cfs 2.897 af
Reach POA3:	Inflow=53.40 cfs 11.282 af Outflow=53.40 cfs 11.282 af
Pond 1R: Existing 24"	Peak Elev=47.16' Inflow=12.84 cfs 0.907 af Primary=13.73 cfs 0.888 af Secondary=9.55 cfs 0.038 af Outflow=12.84 cfs 0.907 af
Pond 2P: Blue Hill Intersection	Peak Elev=47.32' Storage=15,294 cf Inflow=29.10 cfs 1.265 af Outflow=27.62 cfs 1.138 af
Pond 18R: Existing 18"	Peak Elev=116.75' Inflow=28.76 cfs 2.481 af Primary=17.89 cfs 2.335 af Secondary=11.50 cfs 0.146 af Outflow=28.76 cfs 2.481 af
Pond 24R: Existing 24"	Peak Elev=101.09' Inflow=43.51 cfs 4.022 af Primary=34.79 cfs 3.928 af Secondary=8.71 cfs 0.094 af Outflow=43.51 cfs 4.022 af
Pond 48R: 48"	Peak Elev=81.78' Inflow=87.37 cfs 9.224 af 48.0" Round Culvert n=0.014 L=1,000.0' S=0.0307 '/ Outflow=87.37 cfs 9.224 af

Pond 52.1P: Upper Pond Peak Elev=53.01' Storage=187,433 cf Inflow=133.95 cfs 16.976 af
Primary=42.36 cfs 5.537 af Secondary=46.50 cfs 10.921 af Outflow=88.86 cfs 16.457 af

Pond 52.2P: Lower Pond Peak Elev=50.06' Storage=116,861 cf Inflow=48.09 cfs 6.367 af
Outflow=13.23 cfs 5.643 af

Pond 53P: Wetland Area Peak Elev=80.33' Storage=29,871 cf Inflow=44.88 cfs 3.915 af
Outflow=40.49 cfs 3.658 af

Pond L179: Existing 24" Peak Elev=47.16' Inflow=25.72 cfs 4.186 af
Primary=24.99 cfs 4.183 af Secondary=3.39 cfs 0.007 af Outflow=25.72 cfs 4.186 af

Pond LINK 110.1: Existing 18" Peak Elev=53.51' Inflow=38.75 cfs 4.159 af
Primary=13.29 cfs 3.127 af Secondary=25.45 cfs 1.032 af Outflow=38.75 cfs 4.159 af

Pond MH-A: 15" RCP Peak Elev=163.97' Inflow=31.60 cfs 3.413 af
Primary=12.34 cfs 2.708 af Secondary=19.26 cfs 0.706 af Outflow=31.60 cfs 3.413 af

Pond MH-B: 21" RCP Peak Elev=151.01' Inflow=12.34 cfs 2.708 af
21.0" Round Culvert n=0.012 L=300.0' S=0.0060 '/' Outflow=12.34 cfs 2.708 af

Pond MH-C: Overflow Manhole Peak Elev=148.87' Inflow=14.53 cfs 2.897 af
Primary=14.53 cfs 2.897 af Secondary=0.00 cfs 0.000 af Outflow=14.53 cfs 2.897 af

Pond MH-D: Peak Elev=153.70' Storage=2,102 cf Inflow=35.08 cfs 2.447 af
Primary=32.64 cfs 2.497 af Secondary=0.00 cfs 0.000 af Outflow=32.64 cfs 2.449 af

Pond MH-E: 24" RCP Peak Elev=156.40' Inflow=34.78 cfs 2.728 af
24.0" Round Culvert n=0.012 L=260.0' S=0.0262 '/' Outflow=34.78 cfs 2.728 af

Pond MH-F: 24" RCP Peak Elev=148.29' Storage=0 cf Inflow=34.78 cfs 2.728 af
Primary=34.78 cfs 2.728 af Secondary=0.00 cfs 0.000 af Outflow=34.78 cfs 2.728 af

Pond P3: Existing Outlet Peak Elev=45.61' Inflow=28.77 cfs 4.502 af
Primary=28.77 cfs 4.502 af Secondary=0.00 cfs 0.000 af Outflow=28.77 cfs 4.502 af

Pond P3B: Existing 18" Peak Elev=47.35' Inflow=16.78 cfs 3.487 af
Primary=13.99 cfs 3.298 af Secondary=11.22 cfs 0.189 af Outflow=16.78 cfs 3.487 af

Pond P3C: Existing 18" Peak Elev=45.89' Inflow=4.22 cfs 0.319 af
Primary=4.22 cfs 0.319 af Secondary=0.00 cfs 0.000 af Outflow=4.22 cfs 0.319 af