



Hamilton County Water Quality Program

Stormwater Calculation

Summary Sheet

Hydrologic Method/Program Used

Rational SCS Hydraflow Other:

Contributing Drainage Acreage

Total:
 On-site:
 Offsite (or method of diversion if not included in total):

Pre-Construction

Pervious Acreage with C/CN Factor:
 Impervious Acreage with C/CN Factor:
 Time of Concentration/Method:

Post-Construction

Pervious Acreage with C/CN Factor:
 Impervious Acreage with C/CN Factor:
 Time of Concentration/Method:

Runoff Results

Storm Event	Pre-Development Peak Flow (cfs)	Post-Development Peak Flow (cfs)	Routed (Detention) Flow (cfs)
1-year			
2-year			
5-year			
10-year			
25-year			
100-year			

Detention/Infiltration

Permanent Detention/Infiltration
 Volume Required (cubic feet):
 Multi-stage Outlets (list stages and elevations)
 Temporary Sediment Detention:
 Volume Required (cubic feet):
 Outlet stage and elevation:

Water Quality Treatment

Method:
 First Flush Volume, (cubic feet):

Name and P.E. License Number

Name:
 Signature:
 TN PE License Number: