



Ohio Department of Transportation - Office of Hydraulic Engineering
Post-Construction BMP Calculation Spreadsheet

Post Construction - Project Summary

Project Data

		Units
Project EDA	18.99	acres
Is the Project Routine Maintenance per L&D Vol. 2, Sec. 1112.2	No	
BMPs Required?	BMPs Required	NA
Ain (New Impervious Area in New Permanent R/W)	6.06	acres
Does Entire Site Drain to Large River (>100 sq. miles)?	No	
Water Quality Treatment Required	Yes	
Water Quantity Treatment Required	Yes	
Treatment Percent and Treatment Requirement		
Aix (Project EDA that is inside the existing right-of-way)	6.41	acres
Ain (New Impervious Area in New Permanent R/W)	6.06	acres
T% (Treatment Percent)	58.88	%
Treatment Requirement	11.18	acres

BMPs Provided

BMP Name	BMP Type	Contributing Drainage Area (acres)	Contributing Drainage Area in ODOT R/W (acres)
BMP1	Vegetated Filter Strip		2.48
BMP2	Bioretention Cell		2.32
BMP3			
BMP4			
BMP5			
BMP6			
BMP7			
BMP8			
BMP9			
BMP10			

Treatment Provided

Total Area with ODOT R/W Treated (acres)	4.80
Treatment Requirements (acres)	11.18
Treatment Check	Check Design

BMP Submittal Requirements (Per L&D, Vol. 2, Sec. 1116.2)

1. Estimated Project Earth Disturbed Area	Yes	Good
2. Treatment Percent Calculation	Yes	Good
3. BMP Selected for use	Yes	Good
4. Drainage area mapping for post-construction BMPs that show the total contributing drainage area and the amount of contributing area within ODOT right-of-way	Yes	Good
5. Plan sheets showing locations of post-construction BMP	Yes	Good
6. Calculations for each BMP	Yes	Good
7. Explanation for any area that is not treated	Yes	Good