



LGROW Design Spreadsheet Ottawa County



Version 3.5

Instructions

- 1) After opening the spreadsheet you will need to enable the use of an embedded macro. Look for security warning above and click "Enable Content."
- 2) Data is entered in yellow cells. Green cells allow selection of items from pulldown menus or buttons.
- 3) To clear all input data entered in a worksheet, click the Clear Worksheet button at the top of the page (or press Ctrl+character) and hit the delete key.
- 4) Comments are indicated by red triangles in cells. Further direction is provided in the LGROW Design Spreadsheet Tutorial.
- 5) The spreadsheet can be used to model a single discharge point from the site including structural BMPs in series or parallel.

Project Description

Development Name	<input type="text"/>	Design Firm	<input type="text"/>
Address/Location	<input type="text"/>	Engineer	<input type="text"/>
Developer/Owner	<input type="text"/>	Date	<input type="text"/>

Run

	Select if Yes	Notes
Drainage District	<input type="checkbox"/>	<input type="text"/>
Watershed Policy	<input type="checkbox"/>	<input type="text"/>
Redevelopment/Addition	<input type="checkbox"/>	<input type="text"/>
MS4	<input type="checkbox"/>	<input type="text"/>
Hotspot	<input type="checkbox"/>	<input type="text"/>
Coldwater Stream	<input type="checkbox"/>	<input type="text"/>

Sensitive Areas

Description	Notes
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Channel Protection Volume Basis

Pre-development Land Use Definition	Existing	Notes
Not Required	<input type="checkbox"/>	<input type="text"/>
Provided Offsite	<input type="checkbox"/>	<input type="text"/>
Alternative Approach	<input type="checkbox"/>	<input type="text"/>

Subcatchment Connectivity

Number of Subcatchments Number must be between 1 and 8

Subcatchment Name	Downstream Subcatchment	Subcatchment Description
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

Subcatchment Hydrology Summary

Subcatchment Name	Existing			Developed		
	Area [ac]	% Impervious	Average CN	Area [ac]	% Impervious	Average CN
Site Totals and Averages:	0.00		0	0.00		0

Channel Protection Volume from Structural BMPs

Subcatchment Name	Channel Protection Volume [cft]			
	Required	Upstream	Credited	Unmet
Total	0		0	

Percent of Channel Protection Volume met by Onsite Retention	0
Required Extended Detention Volume [cft]	0
Required Extended Detention Release Rate [cfs]	0.000
1-year Existing Peak Discharge [cfs]	0.00

Water Quality Volume and TSS Removal

Subcatchment Name	Water Quality Volume [cft]	Volume Met	TSS			
			Generated	Upstream	Total	Removed
Total	0	No	0			0

TSS Removal Efficiency [%]	0
80% TSS removal met?	No