

WORKSHEET 1: REQUIRED LEVEL OF SERVICE - UNDEVELOPED SITE

Project:
Location:

By:
Checked:

Date:
Date:

1. Runoff Curve Number

A. Predevelopment CN

Cover Description	Soil HSG	CN from Table 1	Area (ac.)	Product of CN x Area
Totals:				

Area-Weighted CN = total product/total area = (Round to integer)

B. Postdevelopment CN

Cover Description	Soil HSG ¹	CN from Table 1	Area (ac.)	Product of CN x Area
Totals:				

¹ Postdevelopment CN is one HSG higher for all cover types except preserved vegetation, absent documentation showing how postdevelopment soil structure will be preserved.

Area-Weighted CN = total product/total area = (Round to integer)

C. Level of Service (LS) Calculation

		Change in CN	LS
Predevelopment CN:	<input type="text"/>	17+	8
		7 to 16	7
Postdevelopment CN:	<input type="text"/>	4 to 6	6
		1 to 3	5
Difference:	<input type="text"/>	0	4
		-7 to -1	3
LS Required (see scale at right):	<input type="text"/>	-8 to -17	2
		-18 to -21	1
		-22 -	0

WORKSHEET 1A: REQUIRED LEVEL OF SERVICE - DEVELOPED SITE

Project:

By:

Date:

Location:

Checked:

Date:

1. Required Treatment Area

A. Total Area Disturbed by Redevelopment Activity (ac.)

Disturbed Area Description	Acres
"1A" Total:	

B. Existing Impervious Area Inside Disturbed Area (ac.)

Existing Impervious Area Description	Acres
"1B" Total:	

C. Required Treatment Area (ac.)

"1A" Total Less "1B" Total "1C"

2. Percent Impervious In Postdevelopment Condition and Level of Service (LS)

A. Total Postdevelopment Impervious Area Inside Disturbed Area (ac.)

Postdevelopment Impervious Area Description	Acres
"2A" Total:	

B. Existing Impervious Area Inside Disturbed Area (ac.)

"1B" Total:

C. Net Increase in Impervious Area (ac.)

"2A" Total Less "1B" Total "2C"

D. Percent Impervious

Net Increase in Impervious Area / Required Treatment Area
 "2C"/"1C" x 100 (Round to Integer)

E. Level of Service

Use Percent Impervious to Enter Table XX LS =

3. Minimum Required Total Value Rating of BMP Package

Total Value Rating = LS x Required Treatment Area VR =

WORKSHEET 2: DEVELOP MITIGATION PACKAGE(S) THAT MEET THE REQUIRED LS

Project:
 Location:
 Sheet ___ of ___

By: _____ Date: _____
 Checked: _____ Date: _____

1. **Required LS (New Development, Wksht 1) or Total VR (Redevelopment, Wksht 1A):**

Note: Various BMPs may alter CN of proposed development, and LS; recalculate both if applicable.

2. **Proposed BMP Option Package No. _____**

Cover/BMP Description	Treatment Area	VR from Table 4.4 or 4.6 ¹	Product of VR x Area
Total²:		Total:	
		*Weighted VR:	<input style="width: 80px;" type="text"/>

= total product/total a

- ¹ VR calculated for final BMP only in Treatment Train.
- ² Total treatment area cannot exceed 100 percent of the actual site area.
- * Blank In Redevelopment

Meets required LS (Yes/No)? (If No, or if additional options are being tested, proceed below.)

3. **Proposed BMP Option Package No. _____**

Cover/BMP Description	Treatment Area	VR from Table 4.4 or 4.6 ¹	Product of VR x Area
Total²:		Total:	
		*Weighted VR:	<input style="width: 80px;" type="text"/>

= total product/total a

- ¹ VR calculated for final BMP only in Treatment Train.
- ² Total treatment area cannot exceed 100 percent of the actual site area.
- * Blank In Redevelopment

Meets required LS (Yes/No)? (If No, or if additional options are being tested, move to next sheet.)