

Part B: Streamlined Engineering Report
for
Nonpoint Discharge/Stormwater Projects

Complete the following tables *as directed* in each table.

Table NPS-1. Project Description	
Provide a brief description of the project.	
Is your project a green project as described in the ranking system guidance? Yes No	

Table NPS-2. Anticipated Project Results		
• Complete each box with the requested information.		
Drainage Area (ft²):	Pre-Project Impervious Area (ft²):	Pre-Project Percent Impervious (%):
Post-Project Impervious Area (ft²):		Post-Project Percent Impervious (%):
Design Rainfall Depth (inches):	1-year, 24-hour Runoff Depth (inches):	1-year, 24-hour Intensity (inches/hour):
Pre-development, 1-year, 24-hour Peak Flow (ft³/sec):	Post-development 1-year, 24-hour Peak Flow (ft³/sec):	Pre/Post 1-year, 24-hour Peak Control (ft³/sec):

Table NPS-3. Need for Project

Provide a brief description of the need for the stormwater project. Include the drainage basin in which the project is located and whether the project discharges to a buffer. Discuss the environmental need for the project to back up the information listed in **Table NPS-2**.

Table NPS-4. Alternatives Description

Provide a description of each alternative considered below. You must consider the No-Action Alternative as well as one additional alternative to compare to the preferred alternative.

No-Action Alternative

Description:

Alternative 1

Description:

Alternative 2

Description:

Alternative 3

Description:

Preferred Alternative

Description:

Table WW-5. Present Worth Analysis

- For each *feasible* alternative described in **Table NPS-4**, present a present worth analysis. If an alternative is deemed as infeasible, check Infeasible.
- Use the worksheets available on our Web site for each alternative and enter the information below.
- On the worksheet, itemize all costs.

	No-Action Alternative	Other Alternative #1	Other Alternative #2 (if applicable)	Other Alternative #3 (if applicable)	Preferred Alternative
X	Feasible Infeasible	Feasible Infeasible	Feasible Infeasible N/A	Feasible Infeasible N/A	
Capital Costs	\$0				
Replacement Costs	\$0				
O&M Costs	\$0				
Salvage Value	\$0				
Present Worth Subtotal	\$0				
Construction Contingency	\$0				
Project Administration	\$0				
Project Subtotal	\$0				
Closing Fee ^a	\$0				
Total Project Cost	\$0				

^aClosing fee will be 0% for High Unit Cost (HUC) municipalities and 1% for all other municipalities.

Table NPS-6. Alternatives Analysis Conclusion

For each alternative listed in **Table NPS-4**, list the environmental impact as compared to the Preferred Alternative, the project cost, and the rationale for rejecting/accepting the alternative.

	Environmental Impact is	Project Cost		Rationale
No-Action Alternative	Greater than Preferred Alternative Less than Preferred Alternative Equal to Preferred Alternative		Rejected Infeasible	
Alternative 1	Greater than Preferred Alternative Less than Preferred Alternative Equal to Preferred Alternative		Rejected Infeasible	
Alternative 2	Greater than Preferred Alternative Less than Preferred Alternative Equal to Preferred Alternative		Rejected Infeasible N/A	
Alternative 3	Greater than Preferred Alternative Less than Preferred Alternative Equal to Preferred Alternative		Rejected Infeasible N/A	
Preferred Alternative	X		X	

Table NPS-7. Repayment

An interest and repayment worksheet is supplied for your use. If you do your own calculations, follow the formulas supplied and show your work. Determine the total principal and interest that will need to be repaid.

- Calculate the annual payments that will be made.
- Project Cost will be from the Project Subtotal row of the Present Worth analysis for the Preferred Alternative (**Table NPS-5**).
- Repayments will occur annually over the life of the project (20 years).

Project Cost (\$):	Assistance Provided (\$) ^a:	Number of Repayments: 20
ARRA Interest Rate (%): 0%	Interest to Repay (\$): \$0	Total Principal + Interest (\$):
Principal Forgiveness (\$) ^b:	Total Repayment (\$):	Annual Payment (\$):

^aMaximum amount of assistance provided per project may not exceed \$3,000,000.

^bTotal amount of principal forgiveness is half of the assistance provided.