pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION
Bureau of Clean Water

MS4 STREAM RESTORATION
CREDITING REVIEW CHECKLIST – DEFAULT RATE

Permittee Name: _____   Project Name: _____

I. CREDITING EVALUATION – DEFAULT RATE		
A. Creditable Restoration Length Crediting adjustment from Consensus Recommendations for Improving the Application of the Prevented Sediment Protocol (2020)	**Yes**	**No**
1. Does the restoration project design include "non-creditable" armoring? *If Yes, complete 1A.*	☐	☐
1A. "Non-Creditable" Armoring Restoration Length Adjustment *(if applicable)* Subtract the length of the reach armored with "non-creditable" practices from the total project length. **Restoration length _____ (ft) – Armored length _____ (ft) = Creditable length _____ (ft)**		
2. Does the restoration project design include "creditable w/ limits" armoring? *If Yes, complete 2A.*	☐	☐
2A. "Creditable w/ Limits" Armoring Load Reduction Credit Adjustment *(if applicable)* **Percent of banks with "creditable w/ limits" armoring _____ (%)** *"Creditable w/ limits" armoring is allowable on up to 30% of restored banks. If the "creditable w/ limits" armoring exceeds this limit, a proportional adjustment must be made to the final load reduction credit.* **Percent of banks with "creditable w/ limits" armoring – 30% = Credit adjustment _____ (%)**		
B. Calculation Methodology - Default Rate	**Yes**	**No**
3. Is the pollutant load reduction calculated using the default rate contained in DEP's BMP Effectiveness Values document (44.88 lb/ft)? *If Yes, complete 3A.*	☐	☐
3A. Default Load Reduction Calculation **Creditable restoration length _____ (ft) x 44.88 lb/ft/yr = _____ (lb/yr)** Credit Adjustment *(if applicable)* **Load Reduction (lb/yr) x (1 – credit adjustment % from 2A) = creditable load reduction (lb/yr)** _____ (lb/yr) x (1 - _____ %) = _____ (lb/yr)		
4. Is the pollutant load reduction calculated using the Mapshed default rate (115 lb/ft)? *If Yes, complete 4A and 4B.*	☐	☐
4A. Is the permittee's baseline pollutant load (in the PRP) calculated using Mapshed? *If Yes, complete 4B. If No, the permittee is not permitted to use the 115 lb/ft rate.*	☐	☐
4B. Mapshed Load Reduction Calculation **Creditable Restoration Length _____ (ft) x 115 lb/ft/yr = _____ (lb/yr)** Credit adjustment *(if applicable)* **Load Reduction (lb/yr) x (1 – credit adjustment % from 2A) = creditable load reduction (lb/yr)** _____ (lb/yr) x (1 - _____ %) = _____ (lb/yr)		

Comments:

Recommendation:

☐ Crediting is acceptable   ☐ Revisions are required   ☐ Insufficient information provided by permittee

Reviewer Name: _____   Date: _____