

Appendix E

Conformity of Report with BMP Review Protocol

Note: Some changes in pagination may be needed in the final report due to final edits

The BMP review protocol established by the Water Quality Goal Implementation Team (WQGIT, 2010) outlines the expectations for the content of expert panel reports. This appendix references the specific sections within the report where panel addressed the requested protocol criteria.

- 1. Identity and expertise of panel members:** *Table in Section 1, p. 7*
- 2. Practice name or title:** *Urban Nutrient Management, which consists of three different credits*
- 3. Detailed definition of the practice:** *Section 2, pages 9-13*
- 4. Recommended N, P and TSS loading or effectiveness estimates:** *Summary Table of Credits (p. 5). Detailed discussion of credits in Section 5, pages 40 to 45.*
- 5. Justification of selected effectiveness estimates:** *For UNM rates, see mass balance in Appendix A. See also Sections 4 and 5*
- 6. List of references used:** *see Page 53*
- 7. Detailed discussion on how each reference was considered:** *See Section 4*
- 8. Land uses to which BMP is applied:** *Pervious Land*
- 9. Load sources that the BMP will address and potential interactions with other practices:** *See Section 3.1, Sections 4.1 and 4.2 for the load sources and Section 6.4 for potential for reducing double counting with other downstream BMPs*
- 10. Description of pre-BMP and post-BMP circumstances and individual practice baseline:** *See section 3.3 for trends in fertilizer applications, Section 6.1 for how to compute baseline for non-farm fertilizer statistics, and sections 5.1 to 5.4*
- 11. Conditions under which the BMP works/not works.** *See Section 2 for qualifying conditions, and Section 4.3 on high risk factors for N export, and Section 7.1 for discussion on panels confidence in its recommendations*
- 12. Temporal performance of BMP including lag times between establishment and full functioning.** *No lag time is assumed.*
- 13. Unit of measure:**
State reduction credit: mass load reduction applied to pervious land
UNM rates: acres of qualifying pervious land

Alternative outreach: mass load reduction applied to pervious land

14. Locations in CB watershed where the practice applies: *All qualifying pervious acres in the Bay watershed that meet the operational definition of high and low risk factors.*

15. Useful life of the BMP: *Generally 2 to 3 years, can be renewed subject to verification*

16. Cumulative or annual practice: *annual practice*

17. Description of how BMP will be tracked and reported: *See Section 6.*

18. Ancillary benefits, unintended consequences, double counting: *See Section 6.4*

19. Timeline for a re-evaluation of the panel recommendations: *2017, see Section 7.1*

20. Outstanding Issues: *See Research, Management and Modeling Recommendations in Section 7.*

21. Pollutant relocation: *No issues as the credits were based on both surface and groundwater export from urban pervious land*