

						2012 IP Update Reference	Pg. No.
State	VA			Primary Pollutants	Pathogens		
Plan name	Moore's Creek			Land Uses	Urban, Agr, Forestry		
Watershed Names and 12 digit HUC(s) codes	Moore's Creek	Need 12 digit HUC codes		Pollution Sources	Urban, Agr, Forestry	Section 3.1	6
Date of Plan	2/28/2005			Total Restoration Costs (millions)	20		
Author(s)	TJPDC						
Reviewer	fsuffian						
Date of Review	1/31/2012						
Elements and Evaluation Criteria				Page Reference	Comments		
A. Identification of Causes & Sources of Impairment (overall)			yes				
		a. Sources of impairment are identified and described.	yes	Tables 4.2 & 4.3			
		b. Specific sources of impairment are geographically identified (i.e. mapped)	yes	Section 4.0			
		c. Data sources are accurate and verifiable, assumptions can be reasonably justified	yes	Section 4.0			
B. Expected Load Reductions (overall)			no				
		a. Load reductions achieve environmental goal (e.g. TMDL allocation)	no		The TMDL goal should be established as a reduction number. Please provide a chart showing how the the BMPs proposed in Section 6 will meet the TMDL goals.	Table 7.2	45
		b. Desired load reductions are quantified for each source of impairment identified in Element A	no		Please provide a chart showing how the the BMPs proposed in Section 6 will meet the TMDL goals.	Table 7.2	45
		c. Expected load reductions are estimated for each management measure identified in Element C and overall watershed.	no		Please provide a chart showing how the the BMPs proposed in Section 6 will meet the TMDL goals.	Table 7.2	45
		d. Data sources and/or modeling process are accurate and verifiable, assumptions can be reasonably justified	no			Section 4	14
C. Proposed Management Measures (overall)			yes				

Elements and Evaluation Criteria				Page Reference	Comments		
		a. Specific management measures are identified and rationalized	yes		Section 6		
		b. Proposed management measures are strategic and feasible for the watershed	yes		Section 6		
		c. Critical/Priority implementation areas have been identified	yes		Section 6		
		d. The extent of expected implementation is quantified (e.g. x miles of streambank fenced, etc.)	yes		Section 6		
D. Technical and Financial Assistance Needs (overall)			yes				
		a. Cost estimates reflect all planning and implementation costs	yes	Section 6			
		b. Cost estimates are provided for each management measure	yes	Section 6.9			
		c. All potential Federal, State, Local, and Private funding sources are identified	yes	Section 10			
		d. Funding is strategically allocated - activities are funded with appropriate sources.	yes	Section 10			
E. Information, Education, and Public Participation Component (overall)			no				
		a. A stakeholder outreach strategy has been developed and documented.	no			Section 5	21
		b. All relevant stakeholders are identified and procedures for involving them are defined.	no			Section 5	21
		c. Educational/Outreach materials and dissemination methods are identified.	no			Section 6.3	38
F/G. Schedule and Milestones (overall)			no				
		a. Implementation schedule includes specific dates and expected accomplishments	no		Outdated	Table 7.2	45
		b. Implementation schedule follows a logical sequence	yes				
		c. Implementation schedule covers a reasonable time frame	yes				
		d. Measurable milestones with expected completion dates are identified to evaluate progress	yes				
		e. A phased approach with interim milestones is used to ensure continuous implementation	yes				
H. Load Reduction Evaluation Criteria (overall)			no				
		a. Proposed criteria effectively measure progress toward load reduction goal	no	32 thru 37	Outdated	Table 7.2	45
		b. Criteria include both: quantitative measures of implementation progress and pollution reduction; and qualitative measures of overall program success (including public involvement and buy-in)	yes				

Elements and Evaluation Criteria				Page Reference	Comments		
		c. Interim WQ indicator milestones are clearly identified; The indicator parameters can be different from the WQ standard violation	yes				
		d. An Adaptive Management approach is in place, with threshold criteria identified to trigger modifications	yes				
I. Monitoring Component (overall)			yes				
		a. Monitoring plan includes an appropriate number of monitoring stations	yes	36			
		b. Monitoring plan has an adequate sampling frequency	yes	36			
		c. Monitoring plan will effectively measure evaluation criteria identified in Element 8	yes	36			
Overall Comments and Recommendations							
The plan needs to be updated to address the updated TMDL approved in 2011 and BMPS implemented that count towards achieving the TMDL goal and incorporate any other TMDLs that have been approved. A map/list of 12 digit HUC codes should be included. Section 6.2 cites a leaking private sanitary sewer pipe and final report being available by mid-2005.							
						Table 4.4	19