Potential Schema Modifications

1.1 Update Land Use elements
The current schema allows reporting of one pre- and one post-BMP land use code for a BMP component. The Urban SW Expert panel recommends reporting additional land cover elements in order to process data correctly. Land cover elements could be modeled at the BMP level (not component), with one BMP having multiple Land Cover Codes, values, and units of area. Land cover elements discussed in expert panel recommendations are provided below.

Land cover elements	Optionality
Total Acres Treated	Required
Impervious Acres Treated	Required
Pervious Urban Acres Treated	Optional
Impervious Acres Treated,	Optional
Agriculture Acres Treated	Optional
Forest Acres Treated	Optional

Note: States are currently tracking and reporting these numbers using free-text BMP measure names, units and values since the schema does not support the data elements.

1.2 BMP event status
The partnership might consider enhancing the schema to support more than one event status code and date for a BMP. For instance:

BMP EVENT STATUS CODE	BMP EVENT STATUS CODE
Installed	10/10/2010
Inspected	10/10/2012
Maintained	07/20/2014

1.3 Codes List Additions
The Urban Stormwater Class Codes could be added as extensions of the URBAN code from the BMP_TYPE_ID. The current and proposed values (in italics) are listed in the table below.

BMP_TYPE_ID	BMP_TYPE_CODE	BMP_TYPE_NAME
1	AGR	Agricultural
2	FOR	Forest

BMP_TYPE_ID	BMP_TYPE_CODE	BMP_TYPE_NAME
3	SEP	Septic
4	STR	Stream Restoration
5	URB	Urban
6	WET	Wetlands
7	WLD	Wildlife
8	*NDV*	*Urban SW - New Development*
9	*RDV*	*Urban SW - Re-Development*
10	*NRF*	*Urban SW - New Retrofit*
11	*CRF*	*Urban SW - Retrofit Conversion*
12	*ERF*	*Urban SW - Retrofit Enhancement*
13	*RRF*	*Urban SW - Retrofit Restoration*