

Resources List for Meeting with States November 9th (1-5pm)

1) International BMP database – This is a database of over 400 BMP studies, performance analysis results, tools for use in BMP performance studies, monitoring guidance and other study-related publications. The overall purpose of the project is to provide scientifically sound information to improve the design, selection and performance of BMPs.

Information quoted from: <http://www.bmpdatabase.org/index.htm>.

Also see: <http://www.bmpdatabase.org/retrieveBMPs.asp>

2) EPA's National Pollutant Removal BMP database, version 2 - This tool was developed to help stormwater managers identify Best Management Practices (BMPs) appropriate for the individual needs and natural conditions of specific sites. Academics and government agencies have conducted hundreds of scientific studies measuring the effectiveness of various BMPs in managing stormwater. This tool will help stormwater managers access these studies and the conclusions they offer. This database includes a greater number of studies than the International BMP database, and it has less detailed requirements for study inclusion.

Information quoted from: <http://iaspub.epa.gov/urbanbmp/index.jsp?action=bmpSearch>

For a description about this database, please go to the following site (requires login):

http://cwp.org/documents/cat_view/76-stormwater-management-publications.html

3) EPA/OWM Menu of BMPs – This menu provides an option to search for information on various BMPs.

It includes three tools:

Urban BMP Performance Tool - This tool has been developed to provide stormwater professionals with easy access to approximately 220 studies assessing the performance of over 275 BMPs. The tool provides access to studies covering a variety of traditional and low impact BMP types, including retention and detention ponds, biofilters, grassed filter strips, porous pavement, wetlands, and others. Users will also find a series of essays aimed at improving understanding of BMP performance and the importance of volume reduction/infiltration in these assessments.

Stormwater Case Studies - EPA has developed a series of stormwater case studies to help operators of municipal separate storm sewer systems (MS4s) regulated under the Phase II stormwater regulations develop or improve their stormwater management programs. You can search the case studies by minimum measure, case study location, or keyword. Additional resources and tools for each case study and minimum measure are provided.

Urban Management Measures Guidance - The National Management Measures to Control Nonpoint Source Pollution from Urban Areas helps municipalities and citizens in urban areas protect waterbodies from polluted runoff resulting from everyday activities. These scientifically sound techniques are the best practices known today. The guidance helps municipalities

implement their Phase II stormwater permit programs, and states implement their nonpoint source control programs.

Information quoted from: <http://cfpub1.epa.gov/npdes/stormwater/menuofbmps/index.cfm>

4) Chesapeake Bay Management Measures for Federal Lands- This link includes up-to-date descriptions of management measures for agriculture, urban and suburban areas, decentralized wastewater systems, riparian areas, and hydromodification.

Information quoted from:

https://wiki.epa.gov/watershed2/index.php/Guidance_for_Federal_Land_Management_in_the_Chesapeake_Bay_Watershed

5) US EPA Nonpoint Source Program Management Measures Guides- This link includes a series of national management measures to control nonpoint source pollution across a number of topics including agriculture, forestry, hydromodification, marinas and recreational boating, and urban areas. There is also discussion of the protection and restoration of wetlands and riparian areas.

Information quoted from:

https://wiki.epa.gov/watershed2/index.php/National_Management_Measures_and_BMPs

6) USDA, Natural Resources Conservation Service electronic Field Office Technical Guides - This link contains guides with technical information about the conservation of soil, water, air, and related plant and animal resources.

Information quoted from:

https://wiki.epa.gov/watershed2/index.php/NRCS_-_Field_Office_Tech_Guides

7) Handbook for Developing Watershed Plans to Restore and Protect Our Waters- The Handbook for Developing Watershed Plans to Restore and Protect Our Waters is intended to help communities, watershed organizations, and state, local, tribal and federal environmental agencies develop and implement watershed plans to meet water quality standards and protect water resources. It was designed to help any organization undertaking a watershed planning effort, and it should be particularly useful to persons working with impaired or threatened waters. EPA intends for this handbook to supplement existing watershed planning guides that have already been developed by agencies, universities, and other nonprofit organizations. The handbook is generally more specific than other guides with respect to guidance on quantifying existing pollutant loads, developing estimates of the load reductions required to meet water quality standards, developing effective management measures, and tracking progress once the plan is implemented.

Information quoted from:

https://wiki.epa.gov/watershed2/index.php/Watershed_Planning_Handbook