Chesapeake Bay Program Partnership's Basinwide BMP Verification Framework Briefing

CBP Partnership's Local Government Advisory Committee
June 5, 2014
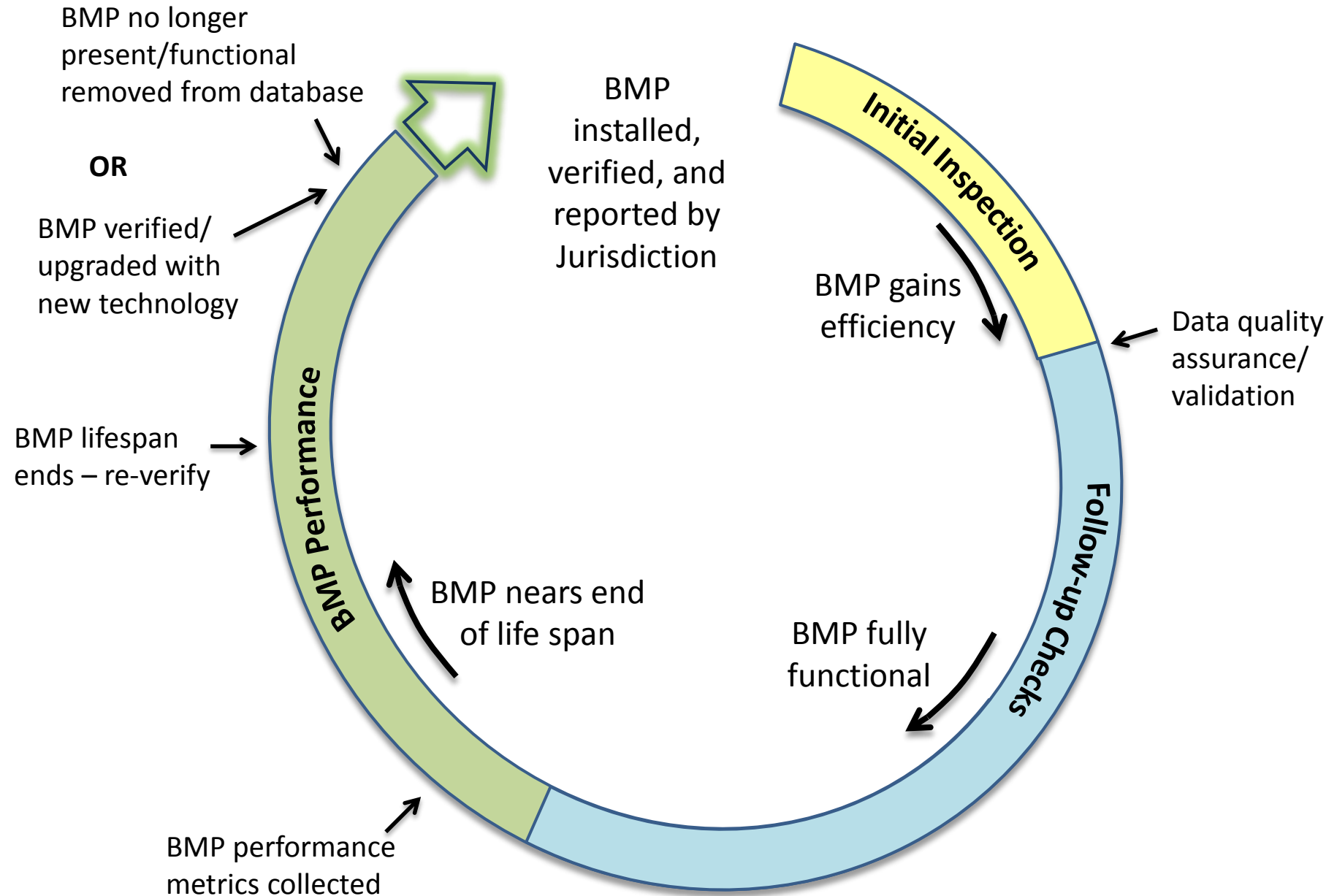

Chesapeake Bay Program
A Watershed Partnership

Verification Definition

"**Verification**: the process through which agency partners ensure practices, treatments, and technologies resulting in reductions of nitrogen, phosphorus, and sediment pollutant loads are implemented and operating correctly."

BMP Verification Life Cycle

BMP no longer present/functional removed from database

OR

BMP verified/ upgraded with new technology

BMP installed, verified, and reported by Jurisdiction

Initial Inspection

BMP gains efficiency

Data quality assurance/ validation

BMP lifespan ends – re-verify

BMP Performance

Follow-up Checks

BMP nears end of life span

BMP fully functional

BMP performance metrics collected

Jurisdictional Verification Protocol Design Table

A. WIP Priority	B. Data Grouping	C. BMP Type	D. Initial Inspection (Is the BMP there?)				E. Follow-up Check (Is the BMP still there?)			F. Lifespan/ Sunset (Is the BMP no longer there?)	G. Data QA, Recording & Reporting
			Method	Frequency	Who inspects	Documentation	Follow-up Inspection	Statistical Sub-sample	Response if Problem		

Role of Local Governments

- Engage with the lead state agency(s) to ensure existing local BMP tracking, verification, and reporting efforts are directly reflected in the states'/the District's enhanced verification program

- Re-examine stormwater management programs in light of the guidance for enhancing verification of stormwater management practices and treatment systems

- Be vocal in terms of how to best ensure a full accounting of pollutant load reduction actions taken in a way that help ensures continued functionality

Resources Available

- Source sector specific BMP verification guidance within the basinwide framework document

- States'/District's Chesapeake Bay grants include funds to support development of enhanced BMP verification programs

- University (e.g., VA Tech consortium of land grant universities) and contractor (e.g., EPA's Tetra Tech contract) resources available to assist local jurisdictions to assist in the design of statistical surveys

BMP Verification Schedule

- **May 9**: Distribute revised framework report
- **May 15:** Brief the Citizens Advisory Committee
- **June 5:** Brief the Local Governments Advisory Committee
- **June 9:** Brief the Water Quality, Habitat, Fisheries, Healthy Watersheds Goal Implementation Teams
- **June 17:** Brief the Scientific and Technical Advisory Committee
- **July TBD:** BMP Verification Committee meeting to address feedback from GITs and advisory committees
- **July 15:** Revise the draft framework document
- **Aug 1:** Distribute final draft framework document
- **Sept:** Present to Management Board
- **October:** Seek final approval from Principals' Staff Committee

Local Elected Official and CBP Partnership BMP Verification Review Panel Member Perspective:

Dan Zimmerman, Manager
Warwick Township
Lancaster County, Pennsylvania

Questions for LGAC

- How do we best approach and communicate to local governments on BMP verification and the Partnership's expectations?

- Should we tailor such outreach and communications differently with each jurisdiction and, if so, how?

- What can the CBP Partnership/CBP Office do to support local governments enhancement of their existing BMP verification programs?