

Nitrate Regulatory Framework and Best Management Practices

Lower Yakima Valley Groundwater
Advisory Committee
March 6, 2014



Tasks, Deliverables, and Workshops

Task 1 Regulatory Review



- Tech Memo #1
- Presented at GWAC meeting

Task 2 Develop BMP Database



- Memo – Database summary
- Presented at GWAC meeting

Task 3 BMP Effectiveness Evaluation



- Draft Tech Memo #2
- Workshop #1

Task 4 Reports and Presentations



- Draft Final Report
- Workshop #2
- Revised Draft Final Report
- Final Report
- Present in GWAC meeting

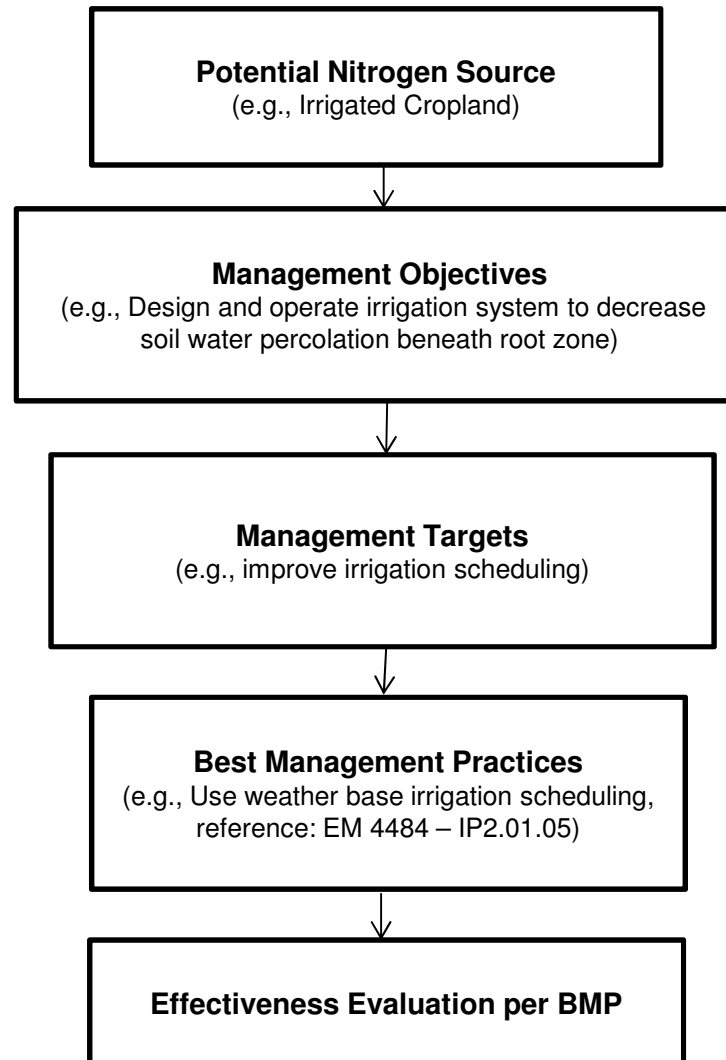
Task 1: Regulatory Review

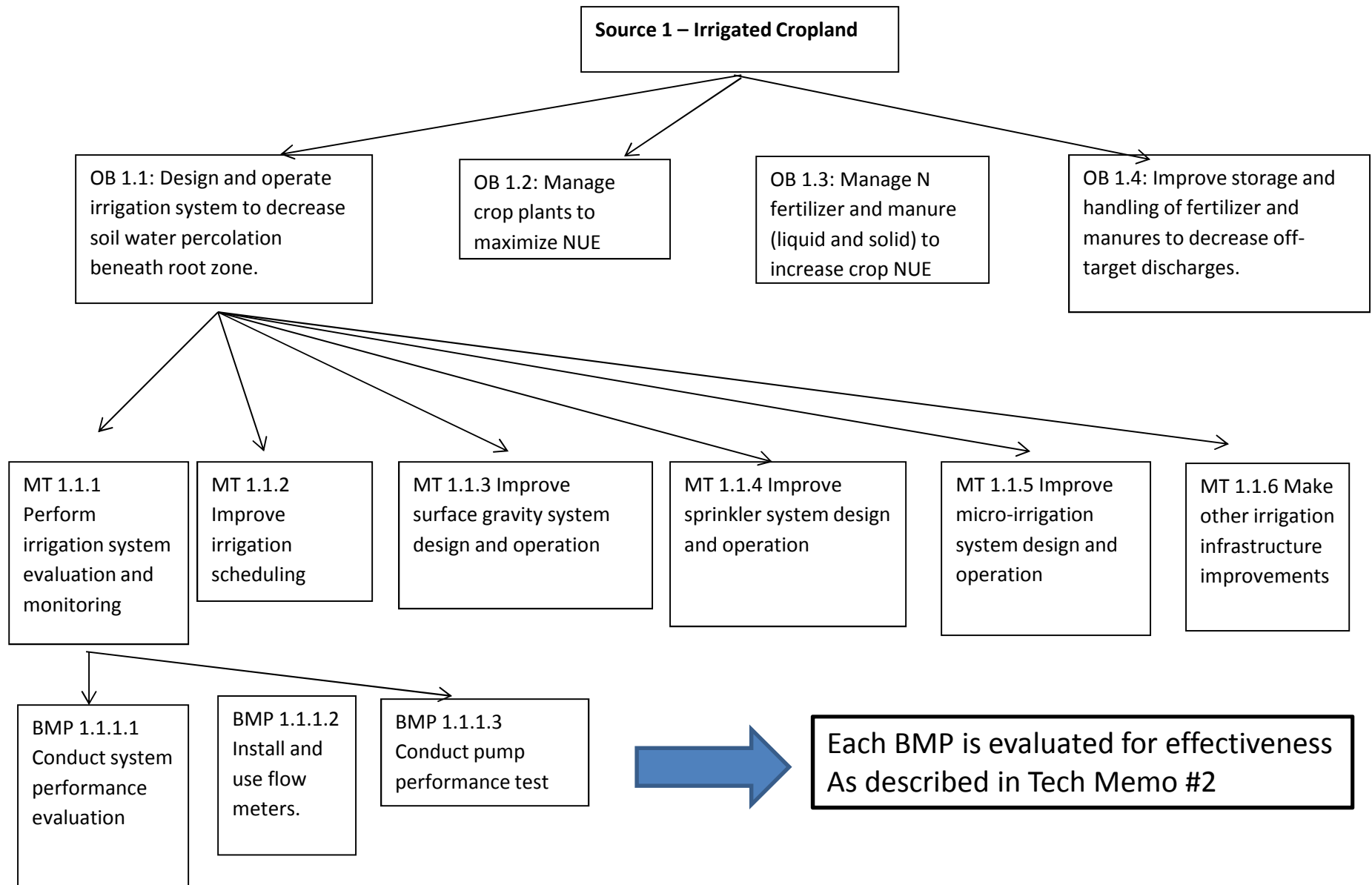
- Objective:
 - ID local, state, and federal regulations, policy, guidance on control and management of nitrates for groundwater protection
 - Applicable to Lower Yakima Valley
- Technical Memorandum #1
 - Obtain GWAC, agencies, and stakeholder input
 - Serves as a catalog or toolbox when evaluating BMPs

Task 2: Develop BMP Database

- *The purpose of the BMP database review is to identify and assess available technologies and management approaches for minimizing nitrate leaching to groundwater from potential sources.*
- Develop an approach for organizing BMPs
 - Hierarchical database
 - Draft Initial *Best Management Practices Database Summary* – August 30, 2013
 - GWAC provided comments and revised February 5, 2014

Hierarchical Approach





Pull up Database to show how it all fits

BMP Effectiveness Data Sheet Input Parameters

- **Pull up Technical Memorandum #2**
 - Review Table 1
 - Review Table 2
 - Go over examples

What We Need from You!

- Working Group Assignment:
 - Review Tech Memo #2
 - Input parameters – have we identified parameters that adequately evaluate the BMP?
 - Add, delete, or combine parameters?
- Once we have input on parameters, HDR will complete the BMP data sheets to the extent possible and forward to GWAC for review and input.

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