Additional opportunity to provide input and feedback on items discussed in the meeting

Questions are optional so you can choose what you’d like to provide input on

Responses will be posted anonymously on our 5MP Concepts Webpage

Please respond by 7/28/2021

Link to Google Form Questionnaire: https://forms.gle/xg6bbCUM6EtjPZ05A
I. Welcome & Introduction

II. Proposed 5MP Recharge Regulatory Language Modifications (Phoenix AMA only)
   A. Brief Overview of Recharge Program
   B. Background
   C. Existing Management Plan Regulatory Language
   D. Proposed Implementation
   E. New/Additional Management Plan Regulatory Language
   F. Discussion

III. Closing
Estimated 5MP Timeline

new.azwater.gov/5MP

2020: Development

- Work Group, Subgroups, & Stakeholder Outreach
- Data Analysis
- Develop Concepts to Increase Conservation
  - Update Existing Programs
  - Design New Programs

2021: Drafting

- Build out Concepts developed in previous phase
  - Regulatory Language
  - Feedback from GUACs/AMAs re: Customization & Implementation
- Draft Narrative & Background
- Develop Data Tools

2022: Adoption

- Publication of initial drafts
- Presentation to GUACs for recommendations
- Promulgation processes
  - Hearing & Public Comment
  - Findings & Adoption
  - Noticing of Conservation Requirements
Proposed 5MP Recharge Regulatory Language Modifications
(Phoenix AMA only)
Presentation Overview

- Brief Overview of Recharge Program
- Background
- Existing Management Plan Regulatory Language
- Proposed Implementation
- New/Additional Management Plan Regulatory Language
- Discussion

Proposal is available at https://new.azwater.gov/5MP/plans-concepts
ADWR administers the Underground Storage, Savings and Replenishment Program (The Recharge Program)

Issues permits for entities to recharge and recover renewable water supplies underground

Calculates and tracks water storage and recovery (Annual Storage, LTSCs)

Recharge Program

- Statute
- Substantive Policy Statements
- Management Plan Requirements
- No Administrative Rules
Role of Recharge in the Management Plans

- Safe Yield vs Local Conditions
- Recharge as a Water Management Tool
- Management Plans Requirements
  - Storage & Recovery Siting Criteria
  - Hydrologic Disconnect
  - One criteria involving storage and recovery in areas of shallow depth-to-water is not being administered
• An entity recharging in an area determined by the Director to be experiencing shallow depth-to-water conditions will be required to recover that water within the area of impact of the facility only.

• Begin enforcing the existing Management Plan Storage and Recovery Siting Criteria 8-801(B)(1)(a) when 5MPs become effective (expected to be January 1, 2025).

• Will only apply to any new USF or any existing USF that is modified or renewed.
Implementation

- Will only apply to water stored at any new USF or any existing USF that is modified or renewed - WOULD NOT AFFECT EXISTING LTSCs
- “Recharging in an area determined by the Director to be experiencing shallow depth-to-water conditions”
  - Define/develop criteria for "area of shallow depth-to-water"
  - Develop procedure to determine which entities are recharging in a Director-determined area of shallow depth-to-water
Permitting of recovery wells located within a Director-determined area of shallow depth-to-water would be deemed consistent with the management plan (No 100yr DTW or 4ft decline requirement).

Recovery from within a Director-determined area of shallow depth-to-water would be deemed consistent with the management plan regardless of where the water was stored in the PHXAMA (No 4ft decline requirement).

Would also apply to entities who are recharging in a Director-determined area of shallow depth-to-water.
Water stored at facilities that impact areas of Director-designated shallow depth-to-water could only be recovered within either:
- The facility’s AOI (1-mi safe harbor or AOHI) OR;
- Designated shallow depth-to-water area(s)

Recovery of water stored at such facilities prohibited outside of these areas

Easier to permit recovery well(s) for entities who choose to recover water from within a designated shallow depth-to-water area(s) (No 100yr DTW or 4ft decline requirement)

Water stored anywhere within the PHXAMA and recovered within designated shallow depth-to-water area(s) would be consistent with the management plan (No 4ft decline requirement)
Discussion – Part 1 of Proposal: Implement Existing Requirements

5MP: Entities recharging in area(s) determined by Director to be experiencing shallow water levels required to recover stored water within facility AOI

Requirements:
- Identify entities recharging at USFs in areas of shallow depth-to-water conditions
  -AND-
- Limit recovery of stored water in these shallow depth-to-water areas to the area of impact of the facility only

Implementation Strategies:
- Begins when 5MP becomes effective/no effect on existing LTSCs
- USF maximum AOI (part of permitting process) overlaps Director-defined shallow groundwater area
- Recovery AOI – 1-mile safe harbor or AOHI
- Soliciting input for criteria/definition of area of shallow depth-to-water
**Discussion – Part 2 of Proposal:**

New Requirements for Recovery in Shallow Groundwater Areas

5MP: Add additional language regarding recovery in area(s) determined by Director to be experiencing shallow groundwater conditions

**Proposed Requirements:**

- Recovery wells located within Director-determined area of shallow depth-to-water deemed consistent with management plan
- Water stored anywhere in PHXAMA recovered in an area of shallow depth-to-water deemed consistent with MP

**Results:**

- Easier to get recovery wells permitted (no 100-yr DTW or 4ft decline requirements)
- Incentivize recovery in areas of shallow depth-to-water (no 4ft decline requirement)
- Also applies to entities recharging in Director-determined shallow depth-to-water area(s)
Closing
5MP Recharge Subgroup - Progress

Today’s Meeting:

* Introduced proposals
* Implementing existing requirements
* New requirements for shallow groundwater areas
* Initial discussion & opportunity for feedback

Next Steps:

* Questionnaire deadline: 7/28/2021
* Additional discussions as needed

Next Meeting:

TBD
MPWG Subgroups

{All meeting info is available at new.azwater.gov/5MP/meetings}
Questions?

managementplans@azwater.gov

Management Plans Work Group:
new.azwater.gov/5MP

Full Text of Management Plans:
new.azwater.gov/ama/management-plans