



5th Management Plans Work Group Municipal Subgroup Meeting

July 28, 2021

Google Form Questionnaire

- 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 8/11/2021
- Link to Google Form Questionnaire: <https://forms.gle/PtEW3RBUBsNiA8E88>

Agenda

- I. Welcome & Introduction
- II. Discuss Proposed 5MP Municipal Regulatory Language
 - A. Review Current Draft Language
 - B. Process for Providing Suggested Edits and/or Comments
- 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
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- Promulgation processes
 - Hearing & Public Comment
 - Findings & Adoption
 - Noticing of Conservation Requirements



Meeting Overview

Chapter 5 (Municipal) Layout:

- * Narrative
 - * Contains background information and descriptions of the municipal conservation programs
- * Regulatory Language
 - * Italicized section at end of chapter
 - * Legally enforceable
 - * Contains:
 - * Definitions
 - * Conservation program requirements

Meeting Structure:

- * Summarize changes between the 3MP, 4MP, and 5MP
- * Will be discussing the draft 5MP regulatory language that has changed
- * We are looking for input on the structure and clarity of the 5MP regulatory language

Proposed 5MP Municipal Regulatory Language



Total GPCD Program – Water Types Included in GPCD Calculation

3MPs	4MPs	5MPs
<ul style="list-style-type: none">Any source except spillwater, direct use effluent, effluent recovered within the area of impact, and excluded some non-residential deliveries of CAP water	<ul style="list-style-type: none">Any source except direct use effluent and effluent recovered within the area of impact	<ul style="list-style-type: none">Any source except non-potable direct use effluent and non-potable effluent recovered within the area of impact



Total GPCD Program – Water Types Included in GPCD Calculation

DRAFT 5-603 (A)(1)

A large municipal provider regulated under the Total GPCD Program shall withdraw, divert or receive water from any source, except non-potable direct use effluent and non-potable effluent recovered within the area of impact, for non-irrigation use during a year at or below its total GPCD requirement as calculated using the methodology set forth in 5-603(B).



Total GPCD Program – GPCD Requirement Calculation

GPCD Requirement will be the default unless:
 Default < Minimum → Minimum
 Default > Maximum → Maximum

3MPs	4MPs	5MPs
<ul style="list-style-type: none"> Calculated using theoretical low-end GPCD established for each AMA 	<ul style="list-style-type: none"> Default: Median GPCD minus one standard deviation. Minimum: Theoretical low-end GPCD established for each AMA with an estimated non-residential component added for each provider. Maximum: Previous GPCD Requirement. 	<ul style="list-style-type: none"> Default: Three-year rolling average of the provider's compliance GPCD minus 1%. Minimum: The provider's previous year GPCD requirement minus 1%. Maximum: Five-year rolling average of the provider's compliance GPCD.



Total GPCD Program – GPCD Requirement Calculation

DRAFT 5-603 (C)

The GPCD requirement for a large municipal provider for the fifth management period shall be calculated using a default calculation with minimum and maximum boundaries.

1. The default shall be calculated using a three-year rolling average of the provider's compliance GPCD minus 1%.
2. The minimum GPCD requirement shall be calculated using the provider's previous year GPCD requirement minus 1%.
3. The maximum GPCD requirement shall be calculated using a five-year rolling average of the provider's compliance GPCD.
4. If the default GPCD requirement is less than the minimum, then the provider's total GPCD requirement shall be the minimum value. If the default total GPCD requirement is higher than the maximum, then the provider's total GPCD requirement shall be the maximum value.



Total GPCD Program – Flexibility Account

3MPs/4MPs	5MPs
<ul style="list-style-type: none">• Maximum positive account balance calculated using GPCD rate of 30 – 60 depending on AMA.• Maximum negative account balance calculated using GPCD rate of -10 – -20 depending on AMA.	<ul style="list-style-type: none">• Maximum positive account balance calculated using GPCD rate of 45.• Maximum negative account balance calculated using GPCD rate of -15.



Total GPCD Program – Flexibility Account

DRAFT 5-604 (A)(3)

- a. The maximum positive account balance allowed in the flexibility account of a provider regulated under the Total GPCD Program shall be calculated by multiplying the provider's service area population as of December 31 of the previous calendar year by a GPCD rate of 45, and then multiplying that product by the number of days in the calendar year.
- b. If the account balance exceeds the maximum positive account balance after any credits are registered, the balance carried forward shall equal the maximum positive account balance allowed in the provider's flexibility account for that year.
- c. The maximum negative account balance allowed in the flexibility account of a provider regulated under the Total GPCD Program shall be calculated by multiplying the provider's service area population as of December 31 of the previous calendar by a GPCD rate of -15, and then multiplying that product by the number of days in the calendar year.
- d. If the account balance exceeds the maximum negative account balance after any debits are registered, the balance carried forward shall equal the maximum negative account balance allowed in the provider's flexibility account for that year.





NPCCP – Tiers and BMP Points

3MPs/TAMA & PrAMA 4MPs			PhxAMA, SCAMA, PAMA 4MPs			5MPs			
Tier	Service Connections	Required BMPs	Tier	Service Connections	Required BMP Points	Tier	Service Connections	Required BMP Points	Required Minimum Categories Point Must Be Earned From
1	0 – 5,000	1	1	0 – 5,000	3	1	0 – 1,000	3	2
2	5,001 – 30,000	5	2	5,001 – 30,000	8	2	1,001 – 5,000	5	3
3	30,001 +	10	3	30,001 +	15	3	5,001 – 30,000	10	4
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Under all plans a public education program and a program to meter all service area connections are required*

*except connections to fire services, dwelling units in multifamily residential structures, mobile homes in mobile home parks with master meters and construction users

NPCCP – Tiers and BMP Points

1. A large municipal provider regulated under the NPCCP shall implement the following BMPs while regulated under the program:

a. The Public Engagement Program described in Appendix 5C.



b. The required number of BMP points shall be selected from the list of BMPs in Appendix 5C or any modification of the list made pursuant to the modification procedure described in Appendix 5C. The selected BMPs shall be reasonably relevant to the provider’s service area characteristics or water use patterns.

c. The required number of BMP points shall be earned from a minimum number of BMP Categories listed in Appendix 5C.

d. The number of BMP points required to be implemented and the minimum number of categories that BMP points must be earned from shall be determined based on the total number of service connections to the provider’s water distribution system and the following four tier levels:

Tier	Number of Service Connections	Required Number of BMP Points Per Year	Minimum Number of Categories that BMP Points Must Be Earned From
1	0 – 1,000	3	2
2	1,001 – 5,000	5	3
3	5,001 – 30,000	10	4
4	30,001 +	20	5

NPCCP – BMP List

- * In previous meetings we have gone through each BMP individually and the BMP list has been continually updated through extensive stakeholder feedback
- * Overview of what changed from the 4MP: (DRAFT Appendix 5C)
 - * Added Planning Category
 - * Updated Implementation and Reporting (CER) Requirements
 - * Updated BMP points values
 - * Split BMPs into residential and non-residential where applicable
 - * Better incorporated private water utilities into NPCCP by allowing a private utility/local government partnership to implement BMPs



How To Submit Feedback on Language

- * Download the [Draft 5MP Municipal Regulatory Language](#)
- * Make your suggested edits right in the document using Tracked Changes
- * Upload the document with your edits using the [Questionnaire](#) or email it to us at managementplans@azwater.gov

Closing



5MP Municipal Subgroup - Progress

Today's Meeting:

- * Overview of changes between management plans
- * Reviewed draft regulatory language
 - * Stakeholders may provide additional feedback by submitting a document with tracked changes or by sending comments in the questionnaire

Next Steps:

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

Initial drafts of the 5MPs will be published in early 2022

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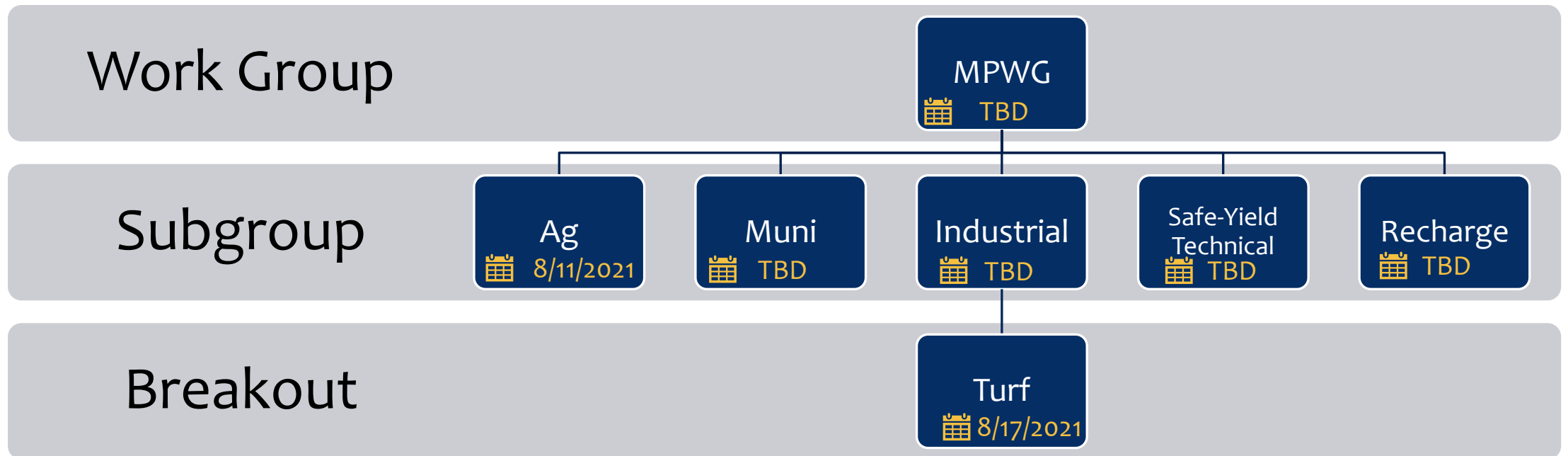
2022: Adoption

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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

