



# General Managers Report Item 10

## *Update on Water Supply Projects*

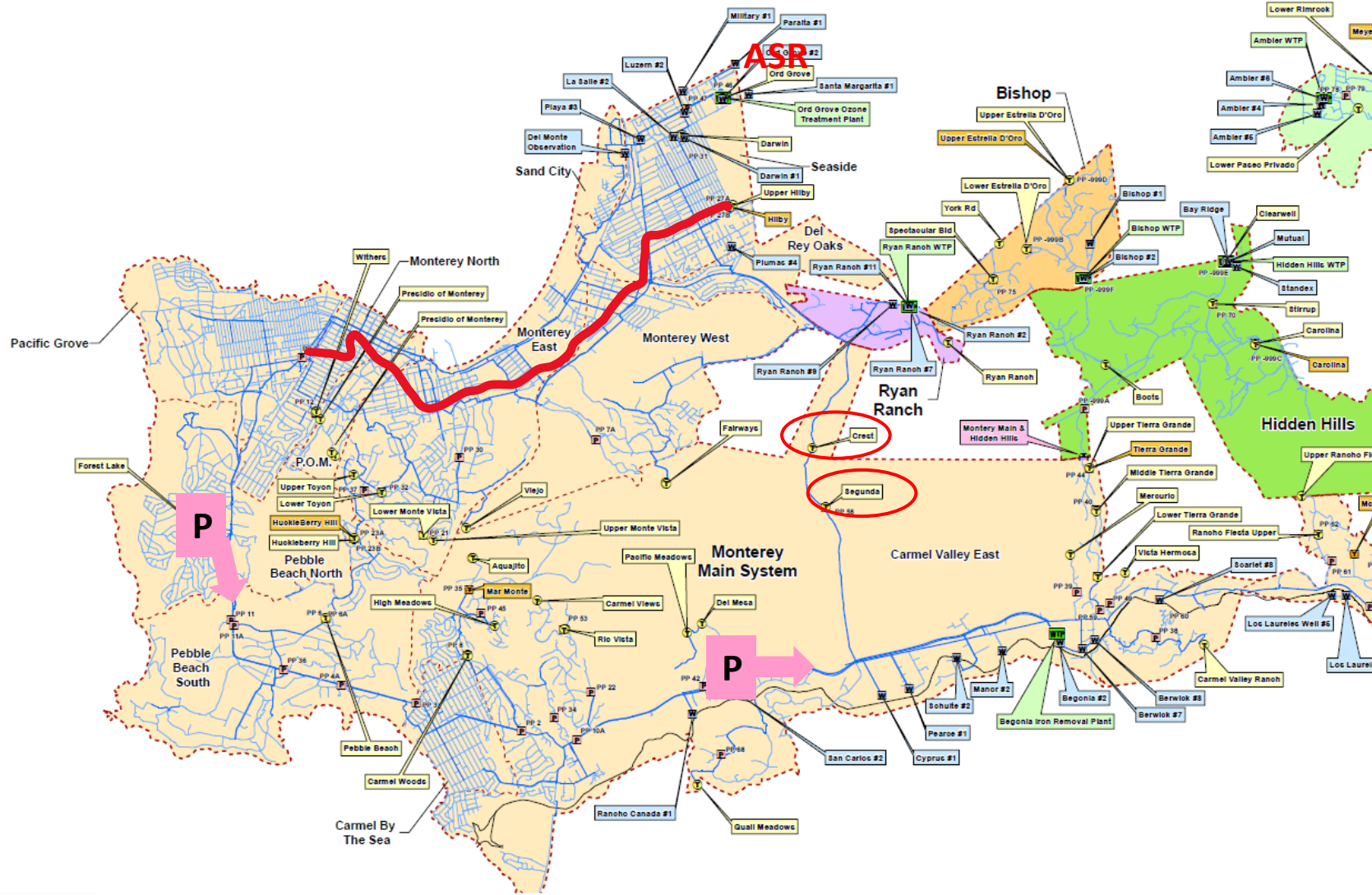
David J. Stoldt  
General Manager

January 23, 2023





# Cal-Am Distribution System



# Simplified Cal-Am Distribution System – Aug 2019

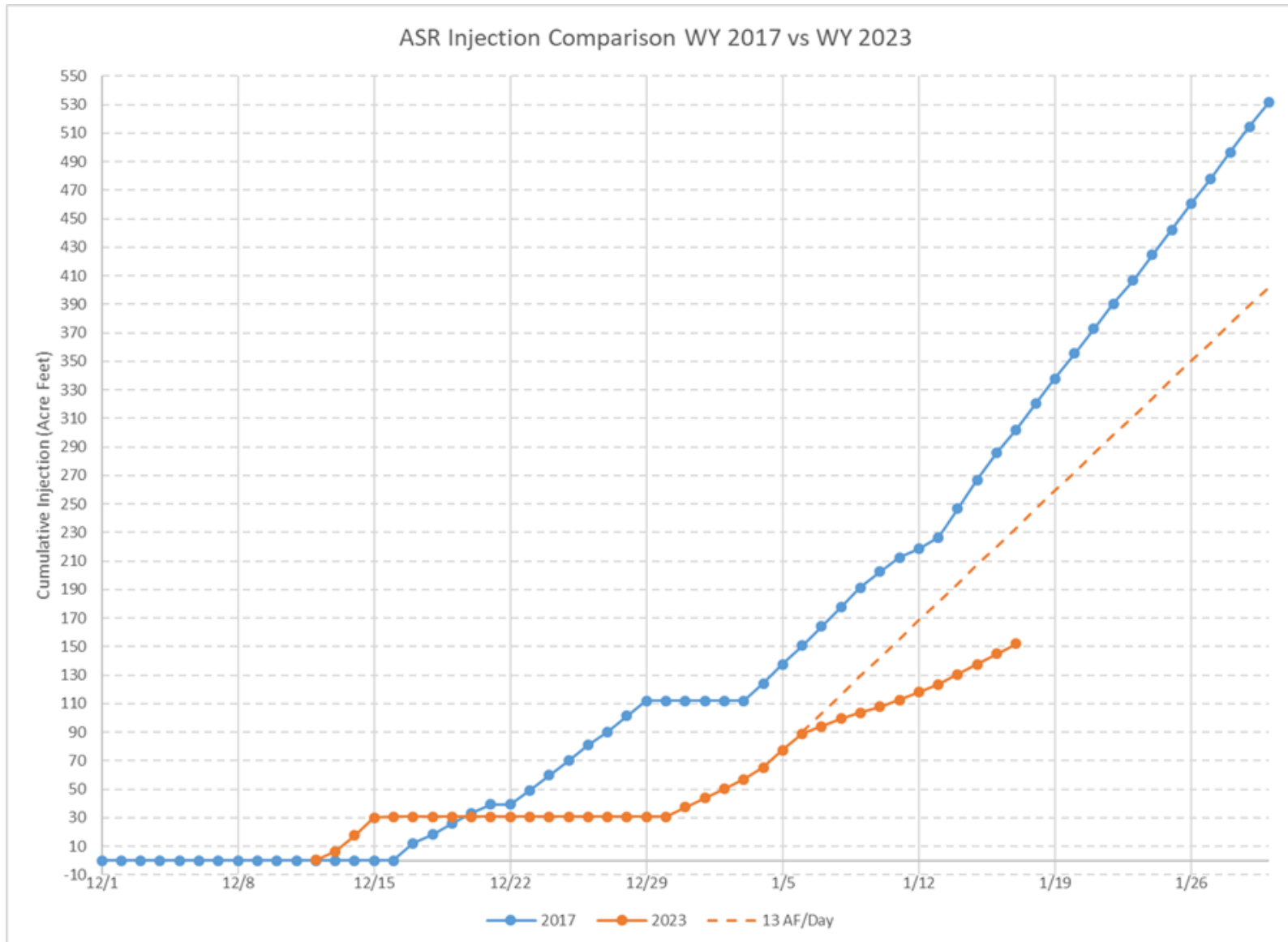


## System Constraints on ASR Injection

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Conditions	Capacity	% Loss from Max
Maximum Under Permits w/ Monterey Pipeline	29 AF/Day	
Current Capacity w/ Monterey Pipeline	26 AF/Day	-10%
No Monterey Pipeline / Segunda Pipeline Only	19 AF/Day	-24%
Segunda Pipeline w/ Ryan Ranch & Bishop	18 AF/Day	-4%
ASR-3 Used for Extraction of PWM Water	13 AF/Day	-17%
Carmel Valley Wells Offline / No New Pump Station	4.5 AF/Day	-29%
% Loss from Maximum Permitted Capacity:		-84%

# ASR Current Year Compared to 2017



Water Year	Availability	AF	Type
1991 – 2008	Testing & Pre-Permit Phase	1,936	Misc
2009	ASR Well 1 Available	182	Normal
2010	ASR Wells 1&2 Available	1,111	Above Normal
2011	ASR Wells 1&2 Available	1,117	Above Normal
2012	ASR Wells 1&2 Available	131	Dry
2013	ASR Wells 1&2 Available	294	Dry
2014	ASR Wells 1&2 Available	0	Critically Dry
2015	ASR Wells 1-4 Available	215	Dry
2016	ASR Wells 1-4 Available	699	Normal
2017	ASR Wells 1-4 Available	2,345	Extremely Wet
2018	ASR Wells 2-4 Available	530	Below Normal
2019	ASR Wells 1-4 and Monterey Pipeline Available	1,335	Extremely Wet
2020	ASR Wells 2-4 and Monterey Pipeline Available	917	Normal
2021	ASR Wells 3-4 and Monterey Pipeline Available	66	Dry
2022	ASR Well 4 and Monterey Pipeline Available	71	Dry
2023	ASR Wells 1&2 Available; No Monterey Pipeline	TBD	Above Normal YTD

## ASR Optimization ...

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*... is Simply Choreography*



MS PowerPoint Presentation distributed to the Board, District Counsel and General Manager at the MPWMD Board of Director's Meeting on Monday, January 23, 2023.

- /s/ Joel G. Pablo, *Board Clerk with the MPWMD*