

IWVGA Board Meeting

March 21, 2019

► Prop 1 Status/Schedule

- Current Status: DWR reviewing Invoice/Progress Report submittal
 - Draft Prop 1 Invoice Package submitted to DWR for preliminary review on 01/11/19
 - Initial comments on submittal addressed and invoice package resubmitted
 - Preliminary second round comments provided on 02/22
 - DWR Prop 1 representative recommended we do not make any invoice revisions until the comments are clarified further internally at DWR

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► Pumping Fee Status

- Registration Status (as of 03/14/19)
 - 49 registered accounts
 - 19 accounts not registered (believed to be non de-minimis based on criteria)
 - Registration forms sent to newly identified non-de minimis users (and potential non-de minimis users)
 - Aerial photographs of potential non-de minimis users cross referenced with existing well lists and registration lists. Organized by users previously contacted or potential new users.
 - Potentially more non de-minimis users will be identified through continued identification and registration efforts
 - Next steps could include field verification
- Total Payment Received to Date: ~\$211,000

Water Supply Augmentation Plan

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Agenda Item 9d

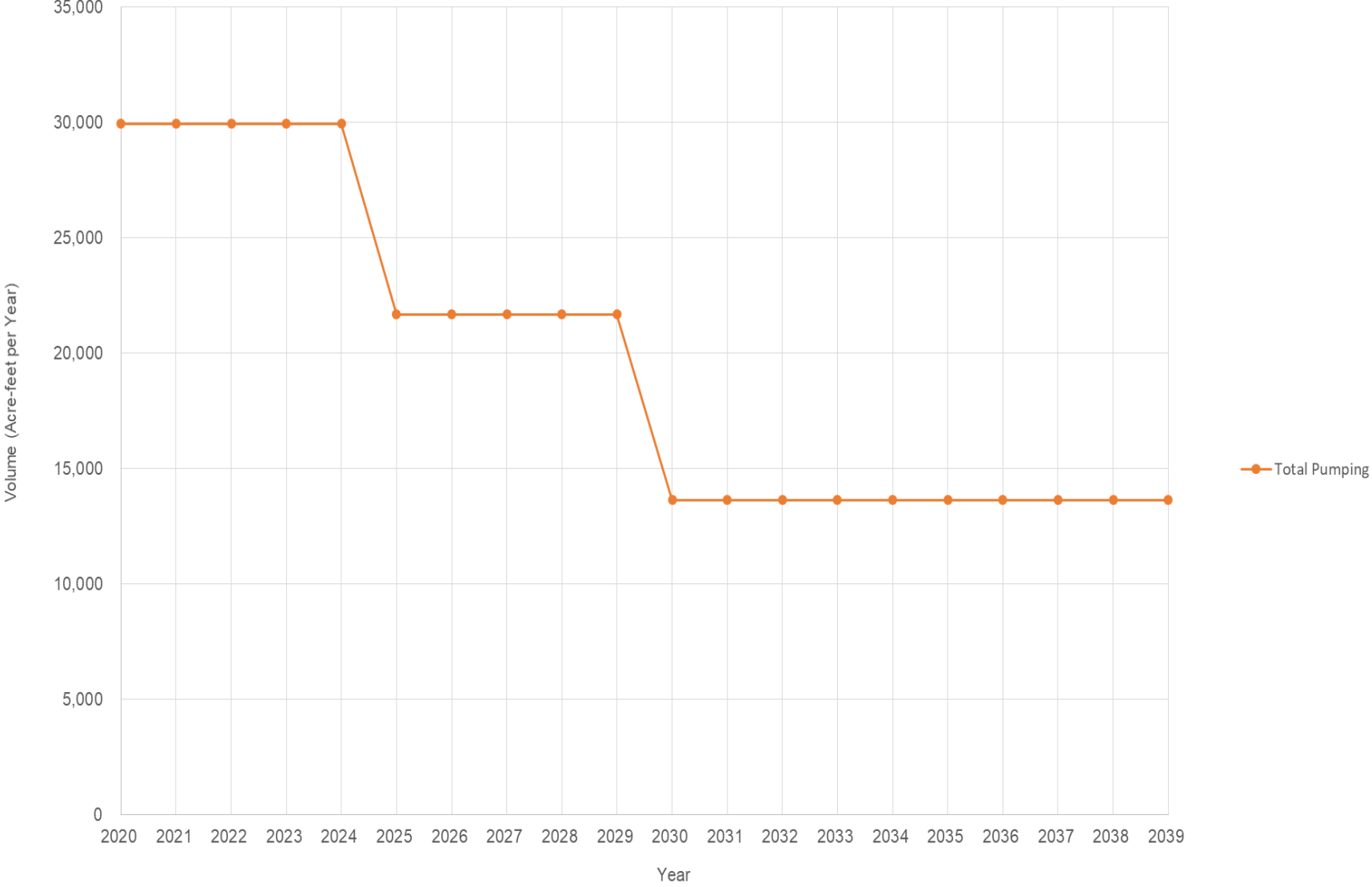
Outline

- ▶ Modeling Overview
 - ▶ Scenario 2
- ▶ Imported water assessment
 - ▶ Items for cost estimates
 - ▶ Cost per Acre-foot

Modeling Scenario 2 Assumptions

- ▶ Pumping
 - ▶ 2020 basin pumping: **29,938 AF**
 - ▶ Pumping step-downs in 2025
 - ▶ Large and small ag. - 40% reduction
 - ▶ Kern County - 30% reduction
 - ▶ IWWWD, Inyokern CSD, Mutuals - 10% reduction
 - ▶ No change in Navy and de minimis (domestic/private wells) pumping
 - ▶ IWWWD and SVM stop all pumping starting in 2030
 - ▶ Receive imported water for direct use
 - ▶ 2030 - 2070 basin pumping: **13,646 AFY**

Indian Wells Valley Modeling Scenario 2 - Pumping Summary

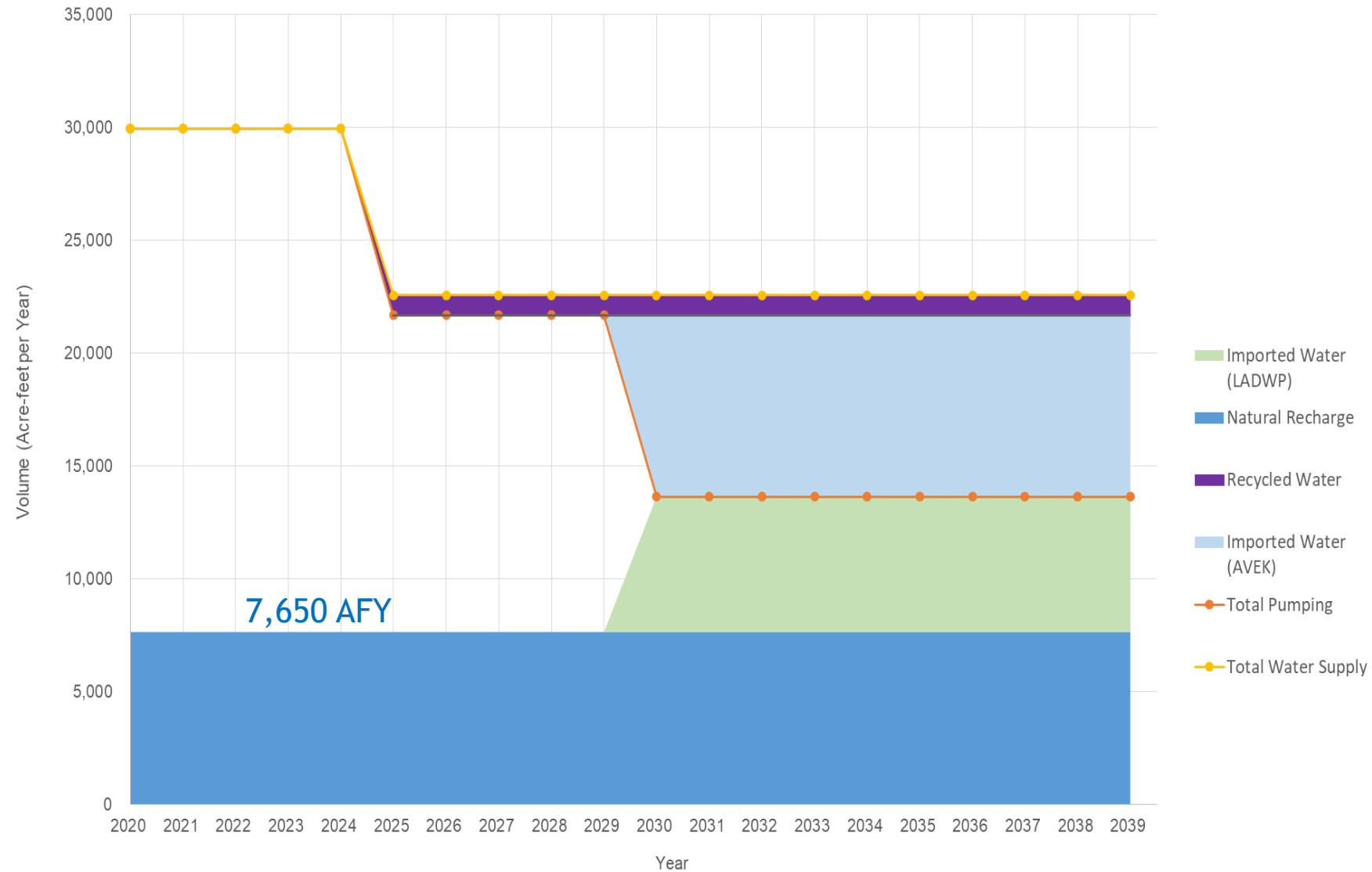


Modeling Scenario 2 Assumptions

▶ Water Supplies

- ▶ Natural recharge - 7,650 AFY
- ▶ Artificial recharge
 - ▶ Recycled water - 352 AFY
 - ▶ Imported water: Basin replenishment project - 5,644 AFY
- ▶ Recycled water
 - ▶ Available in 2025 to replace all landscape irrigation pumping for City of Ridgecrest and some landscape irrigation pumping for IWWWD
- ▶ Imported water
 - ▶ Available in 2030 to replace all IWWWD and SVM pumping

Indian Wells Valley Modeling Scenario 2 - Water Supply Summary



Imported Water Assessment

- ▶ Cost Estimates
 - ▶ Capital costs (amortized at a 4% interest rate)
 - ▶ Construction of new facilities
 - ▶ Purchase of State Water Project Table A entitlement
 - ▶ Operations and maintenance (O&M) costs
 - ▶ Facilities maintenance
 - ▶ Power
 - ▶ Annual service costs
 - ▶ State Water Project transportation fees
 - ▶ Wheeling fees

Imported Water Assessment (cont.)

- ▶ Scenario 2
 - ▶ Basin Replenishment Project (5,644 AFY)
 - ▶ \$3,000 per AF
 - ▶ Direct Use Project (8,034 AFY)
 - ▶ \$4,000 per AF

SDAC Project Status Update

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SDAC Projects

- ▶ Project includes two programs to be evaluated in identified SDACs within Indian Wells Valley:
 - ▶ “Water Conservation and Rebate Program”
 - ▶ “Water Audit, Leak Detection, and Leak Repair Program”

SDAC Projects

- ▶ Water Conservation and Rebate Program
 - ▶ IWVGA will offer rebates to retail water customers and commercial water users for the purchase of, and retrofit with, water-saving devices:
 - ▶ Water-efficient washing machines
 - ▶ Water-efficient dishwashers
 - ▶ High-efficiency toilets
 - ▶ Waterless urinals
 - ▶ Other devices (e.g. evaporative coolers, smart irrigation timers and controllers)
 - ▶ Encourage conservation efforts within the basin

SDAC Projects

- ▶ Water Audit, Leak Detection, and Leak Repair Program
 - ▶ IWVGA will implement a water loss control program through a system water audit and leak detection surveys
 - ▶ Evaluate potential water, energy, and cost savings
 - ▶ IWVGA will implement a leak repair program
 - ▶ Correct the issues identified during the water audit and leak detection surveys

SDAC Projects

- ▶ Request for Proposals
 - ▶ IWVGA intends to retain consultants via two Requests for Proposals (RFPs) to implement the two programs
 - ▶ Draft RFP for “Water Conservation and Rebate Program” provided at the TAC meeting on April 5, 2018 and May 3, 2018.
 - ▶ Draft RFP for “Water Audit, Leak Detection, and Leak Repair Program” provided at the TAC meeting on May 3, 2018
- ▶ Project Funding
 - ▶ Project is fully funded by a grant from the Department of Water Resources (DWR)
 - ▶ RFPs were revised to incorporate TAC comments received and were then put on hold until the grant agreement with DWR was executed
 - ▶ Grant agreement between IWVGA and DWR executed on September 25, 2018

SDAC Projects

- ▶ Project Amendments
 - ▶ After execution of the grant agreement, additional TAC comments on the conservation programs were received by the WRM, stating that customers may be unable to afford purchasing and installing the water-saving devices and then wait for a rebate
 - ▶ WRM contacted consultants for feedback on a direct install program instead of a rebate program; RFP revised appropriately
 - ▶ DWR approval is required before moving forward with a direct install program
 - ▶ Amendment to the grant agreement for a change in the “Water Conservation and Rebate Program” scope of work

SDAC Projects

- ▶ Next Steps
 - ▶ IWVGA has not yet received its first reimbursement of GSP preparation from DWR
 - ▶ Publishing the RFPs and retaining consultants is on hold pending a review of IWVGA cash flow
 - ▶ Cash flow to be discussed at the next IWVGA Board meeting on **March 21, 2019**