

NEWPORT BEACH INTERAGENCY WATER TRANSFERS

STUDY OVERVIEW, FINDINGS AND NEXT STEPS

September 10, 2025

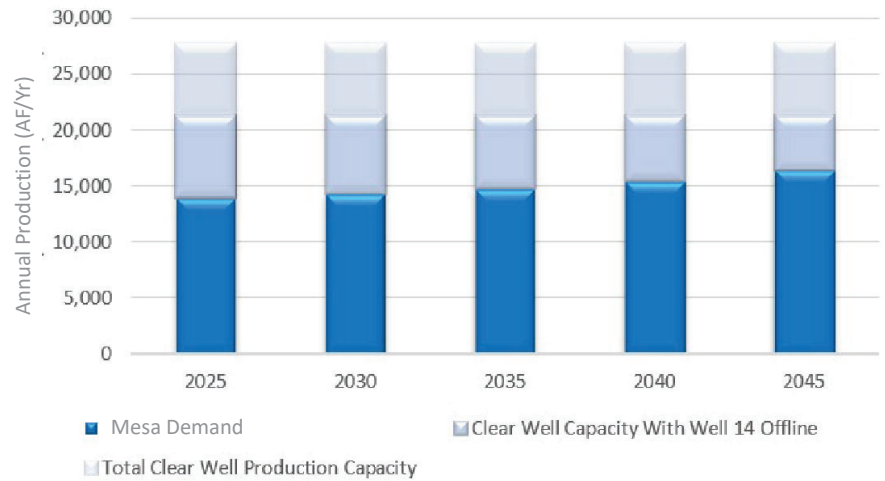
Project Objective



Evaluate feasibility of supplying
Mesa Water available capacity to
Newport Beach

Available Clear Well Capacity

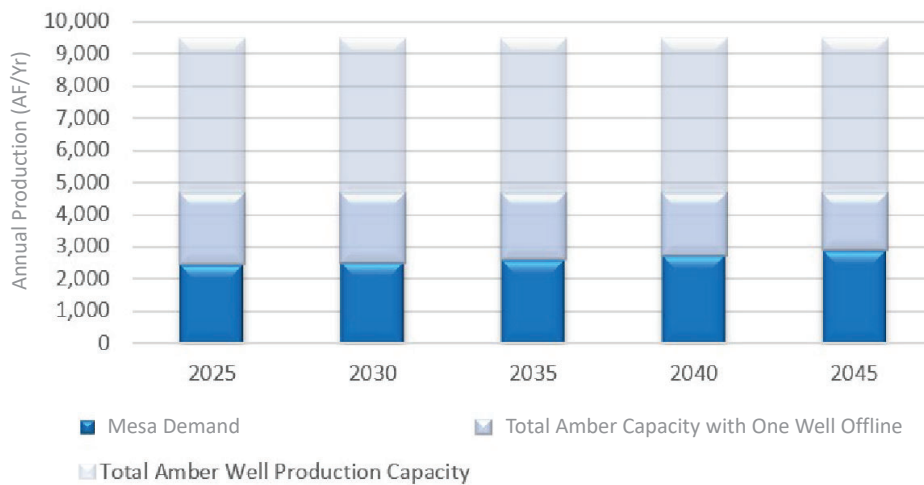
Available clear well capacity robust through 2045, even with largest production well offline, ~5,000 AFY is reliably available



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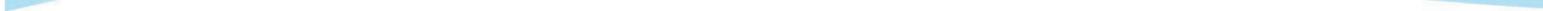
Available Amber Well Capacity



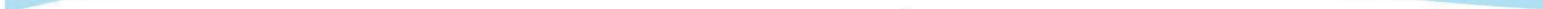
Up to 2,000 AFY can be reliably delivered from the MWRf with Well 11 offline

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- Why Import Water?
 - *Less expensive* MWRf water presents the greatest financial benefit
 - Assumes MWRf water can be delivered without BEA
- Current imported demand 2,600 AFY



Existing and new interconnections evaluated for feasibility

- Infrastructure size adequate at a couple existing interconnects but require pumping
- One interconnect appears to have space adjacent that could fit a new pump station
- Opportunity at 16th Street Pump Station could avoid new pumping facilities and minimize capital requirements



Financial Analysis

1. 2,000 AFY Supply Scenario = \$900k in 1st Year Savings
2. Key Assumptions
 1. 1,000 AFY MWRf to Newport Beach & 1,000 AFY Clear Well for Newport Export
 2. Capital cost not included
 3. MWRf supply not subject to BEA & export groundwater only includes RA + energy costs
3. Savings increase with time

Study Conclusions

- Substantial Available Capacity
- Low Capital Interconnection Potential
- Financial Benefits for All Parties
- Scalability

Next Steps

- **Newport Collaboration:** Confirm water quality, infrastructure requirements, operational strategy and partnership structure with Newport Beach
- **OCWD Coordination:** Confirm the conditions under which MWRf supply may be delivered to outside agencies while continuing to pay only the Replenishment Assessment
- **Capital Cost:** Complete hydraulic modeling and develop conceptual design/ cost estimate



THANK YOU!