

Water Year	EDL if All Milestones Missed, No Other EDL Adjustments
2020–2021	Legal limit
Thereafter	Legal limit

viii. **Joint Annual Report:** Commencing in water year 2016-2017, at least 120 days prior to each Milestone Deadline described in Condition 3.b.v, Cal-Am, in coordination with Applicants, shall submit a joint report to the Deputy Director for Water Rights, describing progress towards that Milestone, whether Applicants expect the Milestone to be achieved by its Deadline and, if not, whether the Milestone will be missed for reasons beyond Applicants' control. Sufficient evidence supporting the reasons that missing a milestone is beyond the control of Applicants shall be included for any further action related to such a claim.

If requested, Cal-Am, in coordination with Applicants, shall present written and/or oral comments on the progress towards Milestones at a regularly scheduled State Water Board meeting that falls at least 60 days after submission of the report. If the report indicates that a Milestone is likely to be missed for reasons beyond Applicants' control, the State Water Board may make a determination during that meeting or at a subsequent meeting whether the cause for delay is beyond Applicants' control. If the State Water Board determines that the cause is beyond Applicants' control, it may suspend any corresponding reductions under Condition 3.b.vi until such time as the Applicants can reasonably control progress towards the Milestone.

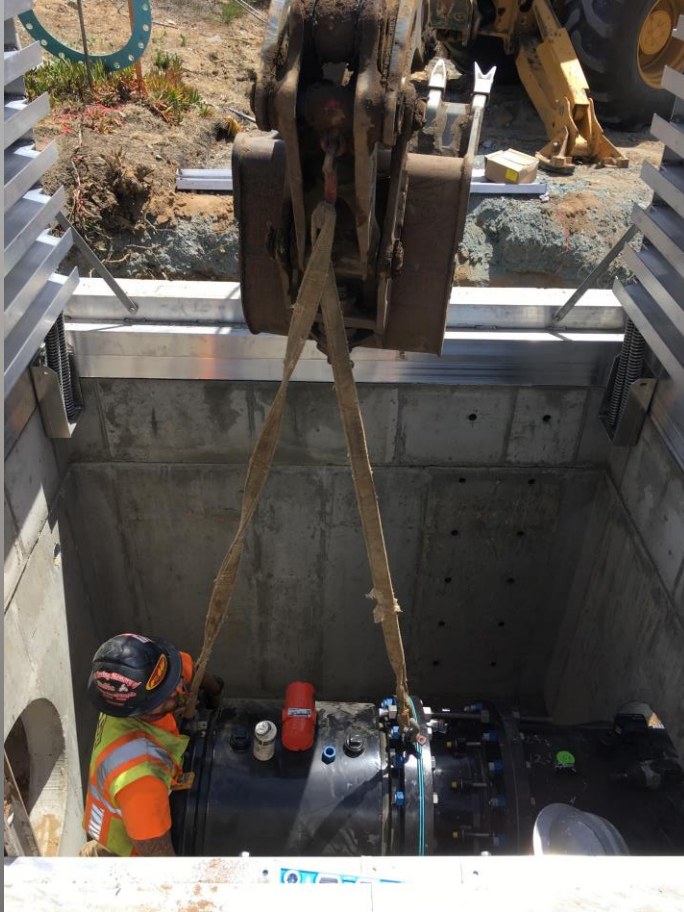


Santa Margarita Construction

Status
6 July, 2020



Meter Vault



Blow-Off Pipe & Appurtenances



Southern Tie-In

- ASR1 Production Line



Above-ground Manifold



Flow mixer and stabilizer



Southern Tie-In



Bulk Tanks and Hoist Beams



Bulk Tank Installation - 1



Bulk Tank Installation - 2



Bulk Tank Installed!



Rough Grade



PURE WATER MONTEREY

Injection Wells Facilities Status RWC Meeting - June 18, 2020

Kennedy Jenks Consultants

Todd Groundwater

Overview

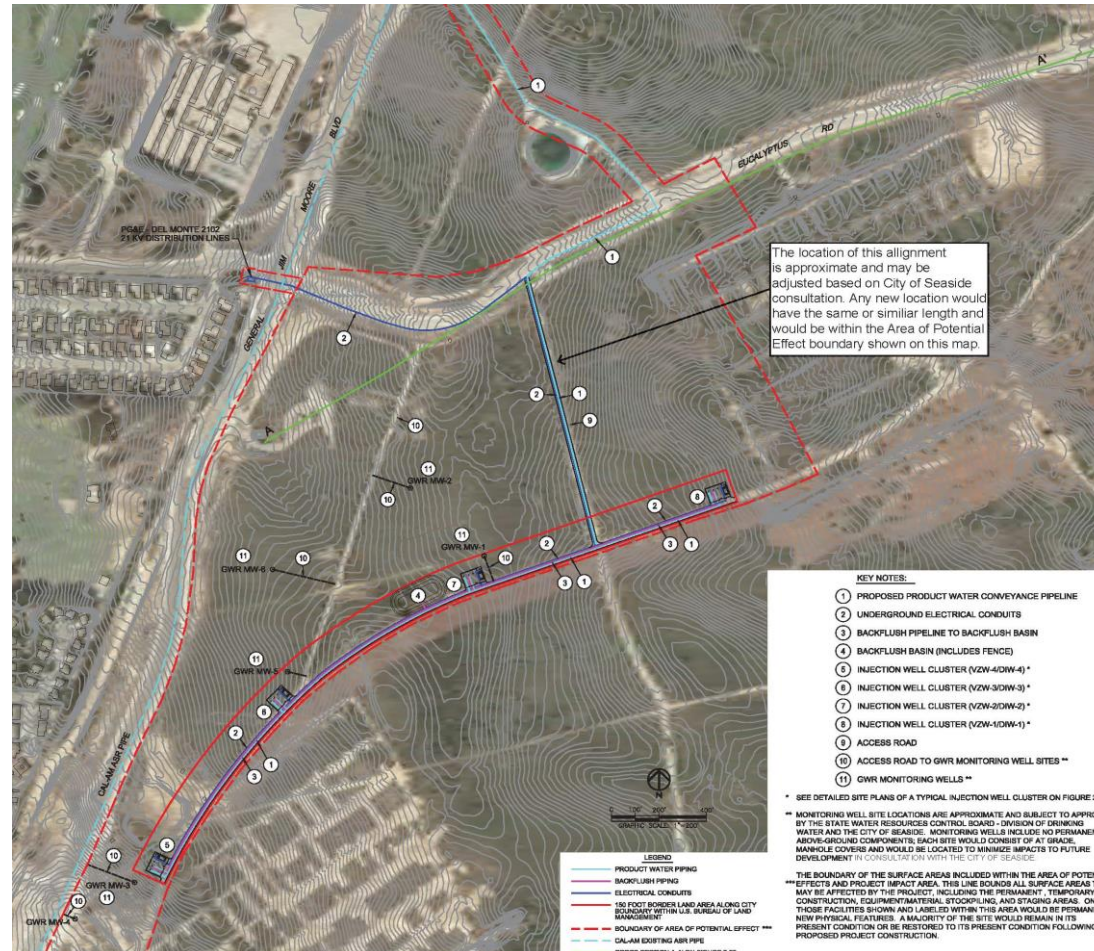
Review IWF and Objectives

Review of Current Status of Injection Wells Facilities (IWF)

Discussion of Third Deep Injection Well

Discuss Potential Next Steps

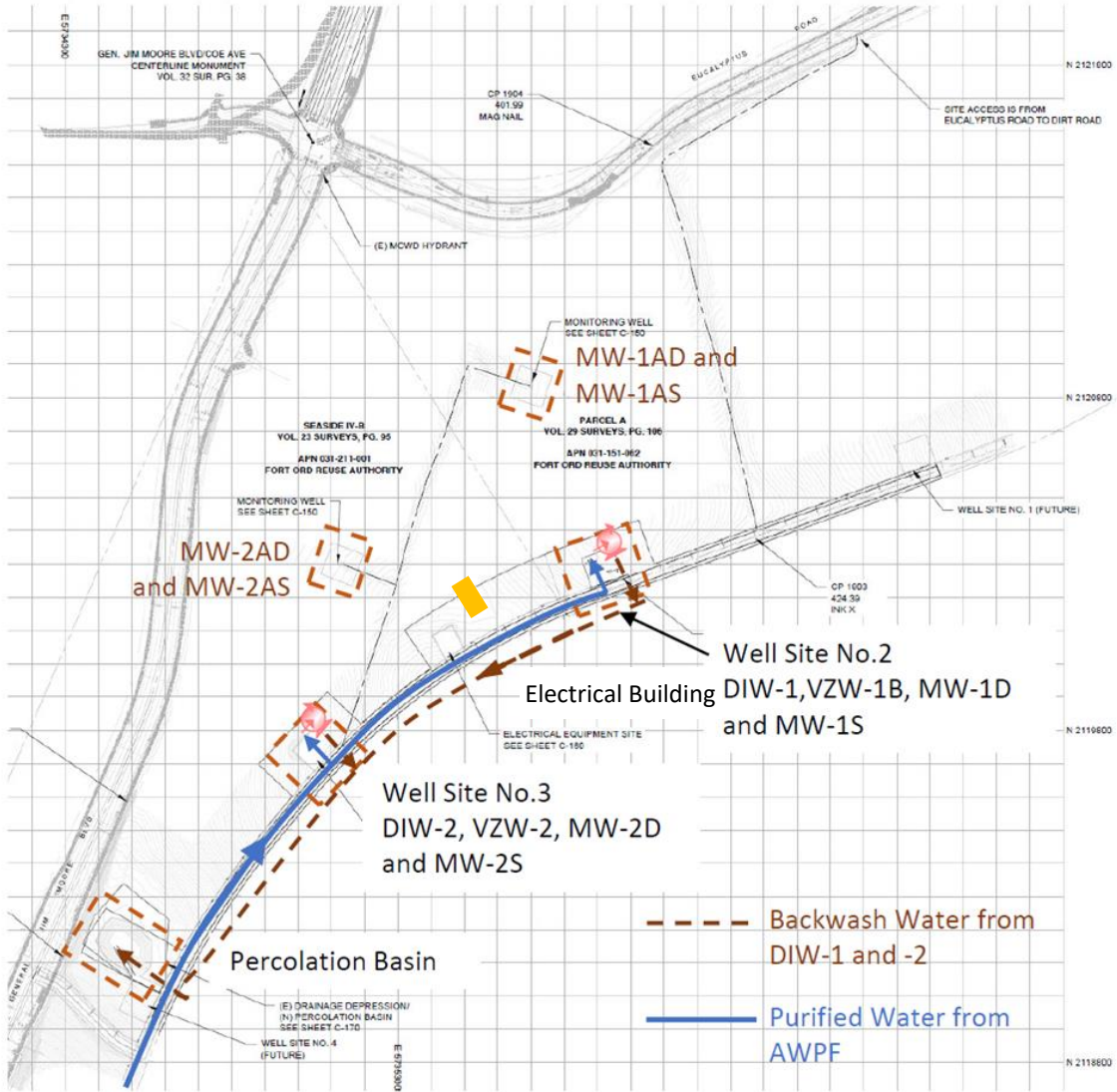
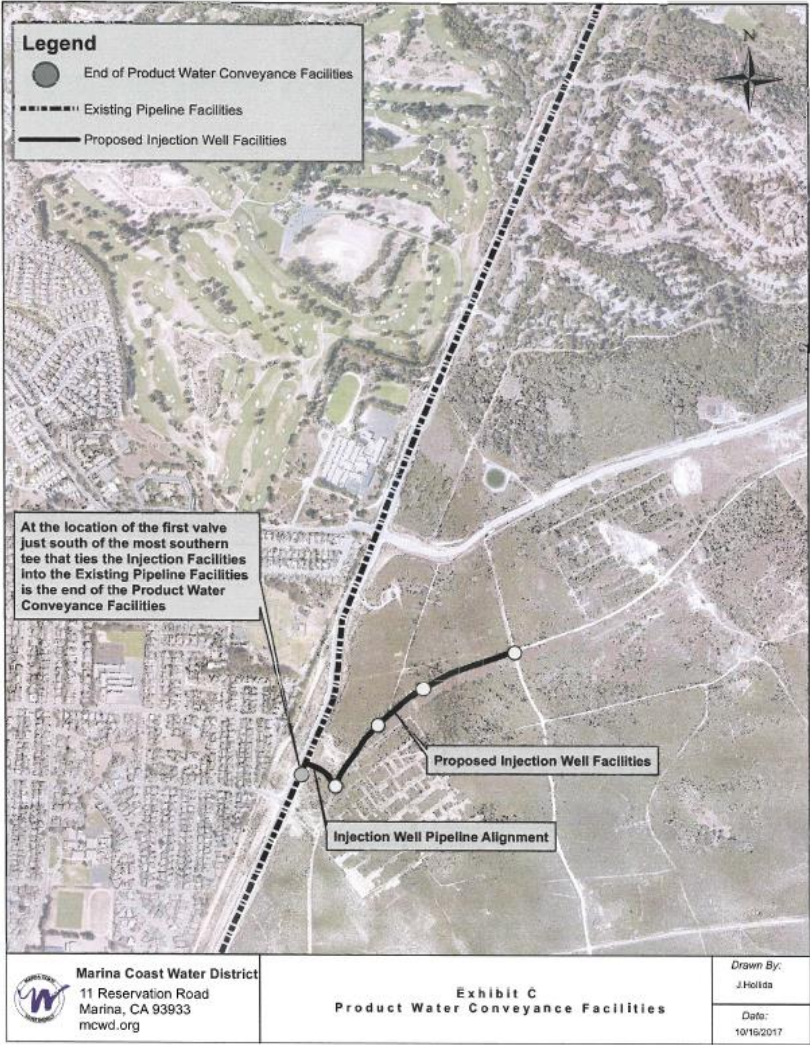
Original Plan: “Delivery Point” defined Under WPA in September 2016



Delivery Point

“AWT Water will be injected into the Seaside Groundwater Basin using new injection wells. The proposed new Injection Well Facilities will be located east of General Jim Moore Boulevard, south of Eucalyptus Road in the City of Seaside, including up to eight injection wells (**four deep injection wells**, four vadose zone wells, in pairs identified as #5, #6, #7, and #8 in the figure below), six monitoring wells, and back-flush facilities.”

Injection Wells Facilities Site



PW from AWPF through
Blackhorse Reservoir

PWM System Injection Objectives

	Initial Commissioning Period	1st Year of Operations	2nd Year of Operations	3rd Year of Operations	4th Year of Operations
Initial 6 months Operating Reserve, AF	1,000	-	-	-	-
Annual Production Amount, AFY		3,500	3,500	3,500	3,500
Drought Reserve, AFY		200	200	200	200
First 3-years Annual Operating Reserve, AFY		250	250	250	-
Total for Period, AF	1,000	3,950	3,950	3,950	3,700
AF/Month	167	329	329	329	308

IWF Injection Rates: Recharge up to 3,950 AFY to Meet Objectives

Injection Objectives	Average Month	Maximum Month	Minimum Month
AF/Month	308	338	288
AF/Day	10.3	11.3	9.6
MGD	3.35	3.67	3.13
Average, gpm	2,325	2,550	2,175
System Downtime	10%	10%	10%
Required Injection Rate, gpm	2,560	2,800	2,490

Planned & Current Injection Rates

Wells		Planned Capacity, gpm	Early Injection Rates, gpm	Current Injection Rates, gpm
Vadose Zone Wells	VZW-1B	500	50	0
	VZW-2	500	350	0
	Subtotal	1,000	400	0
Deep Injection Wells	DIW-1	1,000	950	775
	DIW-2	1,000	950	625
	Subtotal	2,000	1,900	1,400
Total IWF		3,000	2,400	1,400
Required Injection Rate		2,800	2,800	2,800

Estimated Annual Recharge at Current Rates: 2,030 AFY

Recommended Commissioning and Repair

Final Commissioning (swabbing) of Deep Injection Wells

Est. \$300K; Plan for Fall 2020

Well Pad Stabilization at Vadose Zone Wells

Est. \$350K; Plan for Winter 2020

Potential Improved Injection Rates (after DIW commissioning & VZW restart)

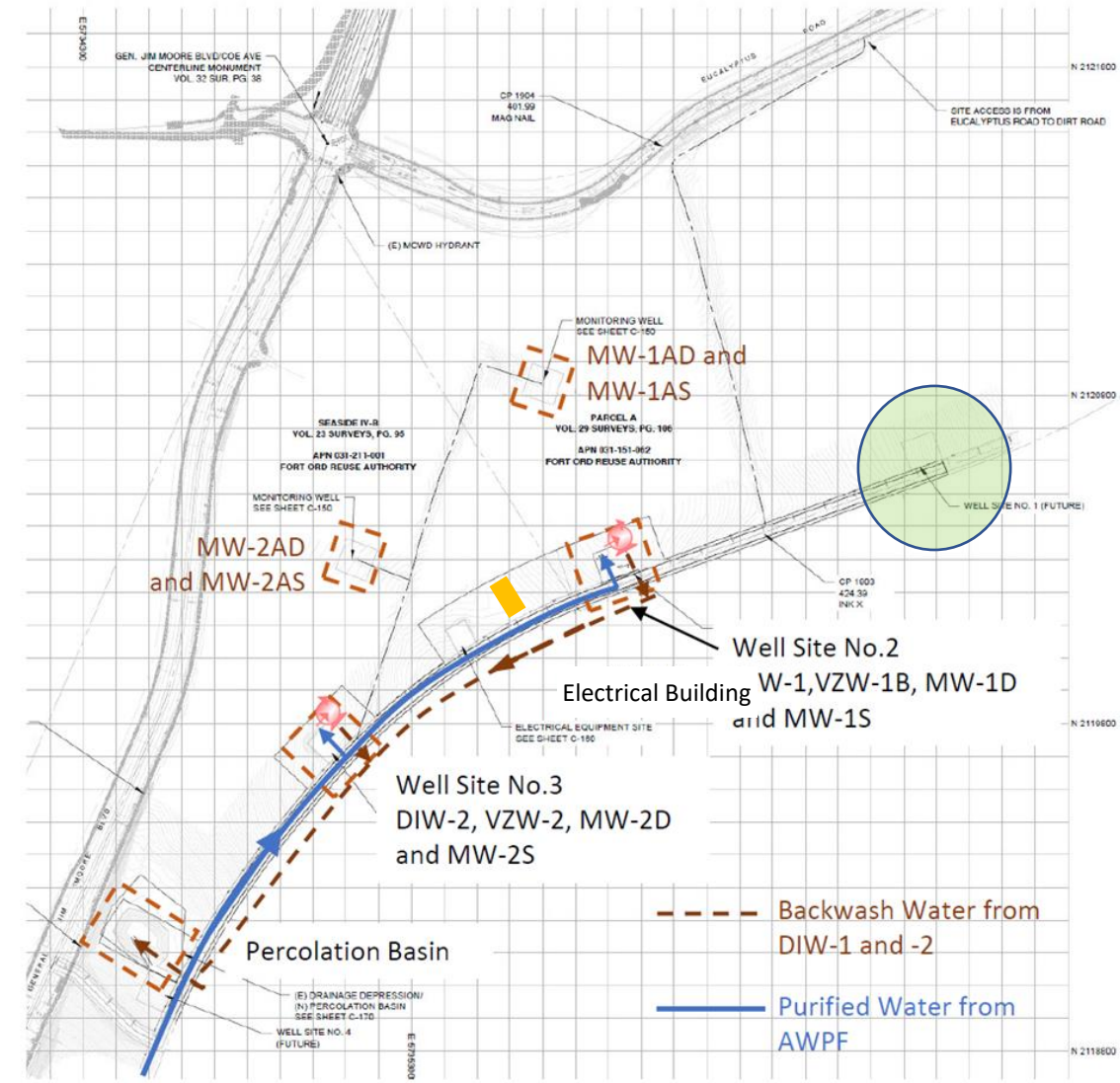
Wells		Low-End Potential Injection Rates, gpm	High-End Potential Injection Rates, gpm
Vadose Zone Wells	VZW-1B	50	50
	VZW-2	100	200
	Subtotal	150	250
Deep Injection Wells	DIW-1	850	950
	DIW-2	750	850
	Subtotal	1,600	1,800
Total IWF		1,750	2,050
Required Injection Rate		2,800	2,800

Estimated Annual Recharge at Mid-Potential Rates: 2,760 AFY

DIW-3 at Well Site 1

Well Site #1 – Farther to East

- Santa Margarita geology expected to be much better than Well Site 4
- Doesn't require Booster PS and probably doesn't require another MW



PW from AWPf through
Blackhorse Reservoir

Potential Injection Rates (after DIW-3, DIW commissioning & VZW restart)

Wells		Low-End Potential Injection Rates, gpm	High-End Potential Injection Rates, gpm
Vadose Zone Wells	VZW-1B	50	50
	VZW-2	100	200
	Subtotal	150	250
Deep Injection Wells	DIW-1	850	950
	DIW-2	750	850
	DIW-3	850	950
	Subtotal	2,450	2,750
Total IWF		2,600	3,000
Required Injection Rate		2,800	2,800

Estimated Annual Recharge at Mid-Potential Rates: 3,960 AFY

Proposed Change in SRF Loan

\$6.1 Million: ↑ 5% increase on \$110 million loan

Increase in Debt Service: ↑ \$245,000 Annually

Increase in Cost/Acre Foot: ↑ \$66

Note: Loan amount above does not account for a reimbursement of \$4.1 million from a WIIN grant.

Cost of PWM Water

Estimated Recharge	Planned 1 st Year	Current Status	After Final DIW Commissioning/VZW Restart	Add DIW-3
AFY	3,750	2,030	2,760	3,750
\$/AF	\$2,442	\$3,678	\$2,993	\$2,508

DIW-3 Implementation Schedule

Activity	June	July	Aug	Sept	Oct	Nov
Exploratory Borings						
DIW-3 Well Design						
DIW-3 Compliance						
DIW-3 Bid & Award						
DIW-3 Start Construction						

Questions

