



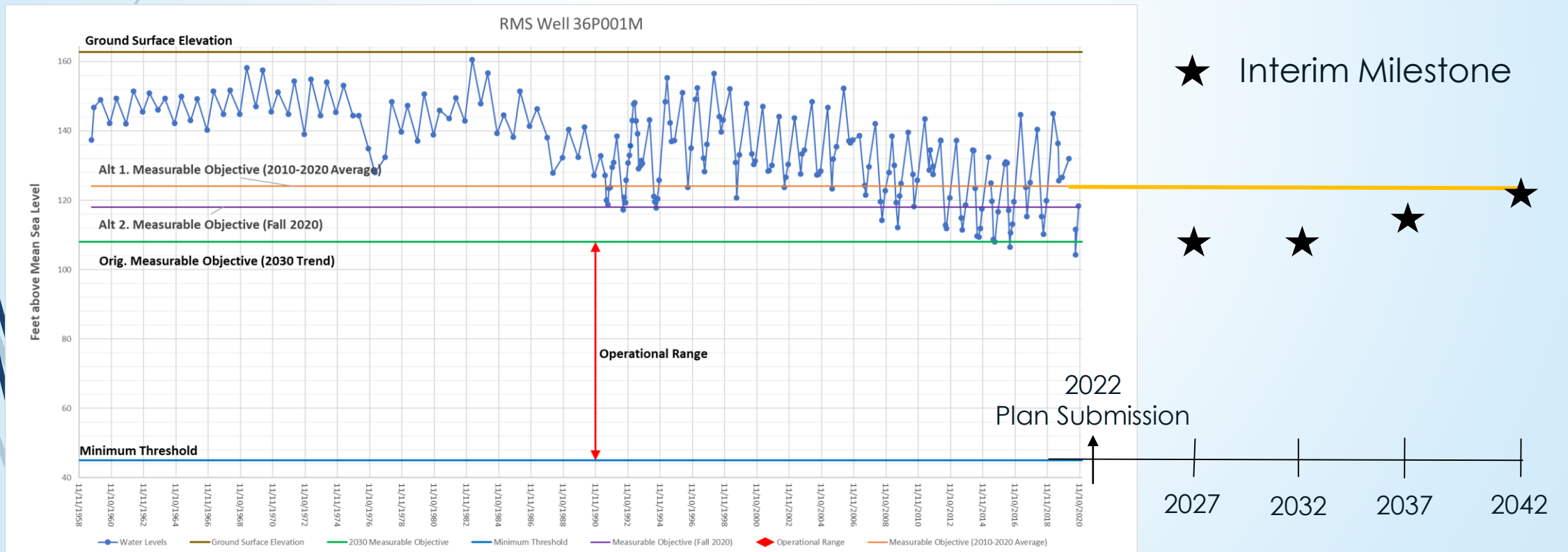
Interim Milestone Action Plan

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What are Interim Milestones?

- IMs are target values that represent measurable groundwater conditions, in increments of five years
- IMs are set for each Representative Monitoring Site (RMS) so that the GSAs can monitor their progress towards maintaining or achieving the MOs





What is the Interim Milestone Action Plan?

- ▶ The IMAP would identify:
 1. Quantitative and qualitative triggers for corrective action implementation if negative trends are occurring,
 2. The timing for implementation of GSP PMAs, and
 3. Specific corrective actions that may be taken by the GSAs to address downward trending conditions.



Triggers with Corresponding Actions:

- ▶ Would be developed at different levels in order to evaluate and document what actions will be taken if targets are not met.
- ▶ Would be established at various levels to account for the severity of action that could be required to correct the trajectory that each threshold is “off” the planned condition.
- ▶ Outline the decision-making process outlined in the GSP related to how, when, and why the corresponding actions will be implemented.
- ▶ EXAMPLE TABLE

Example:

(using Salt Water Intrusion, which is NOT applicable in the Vina Subbasin)

Measurable Objective (i.e., for each Undesirable Result or Other Planning Objective)		
Interim Milestone	Triggers	Actions
Groundwater levels in monitoring wells at XX coastline must average at least X feet above sea level to avoid sea water intrusion.	Initial Trigger Might correspond to the identified IM value; trigger value might indicate that the actual conditions are consistent or paralleling planned conditions. (Ex. GW levels fluctuate on annual average at X feet above sea level)	Actions at this trigger value may be used to further evaluate data if uncertainty exists, or advance other planned activities to provide a margin of safety to ensure continued success toward planned conditions.
	Mid-Level Trigger(s) Groundwater levels fluctuate XX feet below threshold value resulting in inland advancement of saline waters	Action(s) may need to be designed to address conditions that are possibly threatening the sustainability goal, where actual conditions are deviating negatively from planned conditions. Example actions could include increased monitoring, conservation measures, mandatory demand reduction measures. The severity of the action(s) may depend on the final trigger value.
	Final Trigger Groundwater levels fluctuate XX feet below the IM value resulting in inland advancement of saline water.	Action(s) at this trigger might be designed to address conditions where it's clear based on the trigger value the sustainability goal is being threatened (actual conditions are clearly deviating negatively from planned conditions) and there is an immediate need to address conditions to avoid significant and unreasonable results.

Source: DWR SGMA Discussion Paper, June 26, 2015.



5.3 Management Actions

► **5.3.8 Interim Milestone Action Plan (IMAP)**

The Interim Milestone Action Plan (IMAP) would identify the Interim Milestone (IM) targets, a series of triggers, and corresponding actions that would be implemented if it is determined that the Subbasin will not likely achieve identified MOs. Quantitative and qualitative triggers would be set within the operational range and have corresponding corrective actions to appropriately address impacts and rectify negative trends. Actions could include the implementation of specific PMAs identified in the GSP, other corrective actions identified in the IMAP, identification of additional measures, or a combination thereof.

The preparation and implementation of the IMAP will ensure that the GSAs implement PMAs and other reasonable measures that would avoid undesirable results, reach IM goals every five years, maintain or achieve the MOs, and ensure sustainable groundwater management by 2042.