EKI TECHNICAL PRESENTATION #36

COSUMNES SUBBASIN GSP DEVELOPMENT

8 DECEMBER 2021

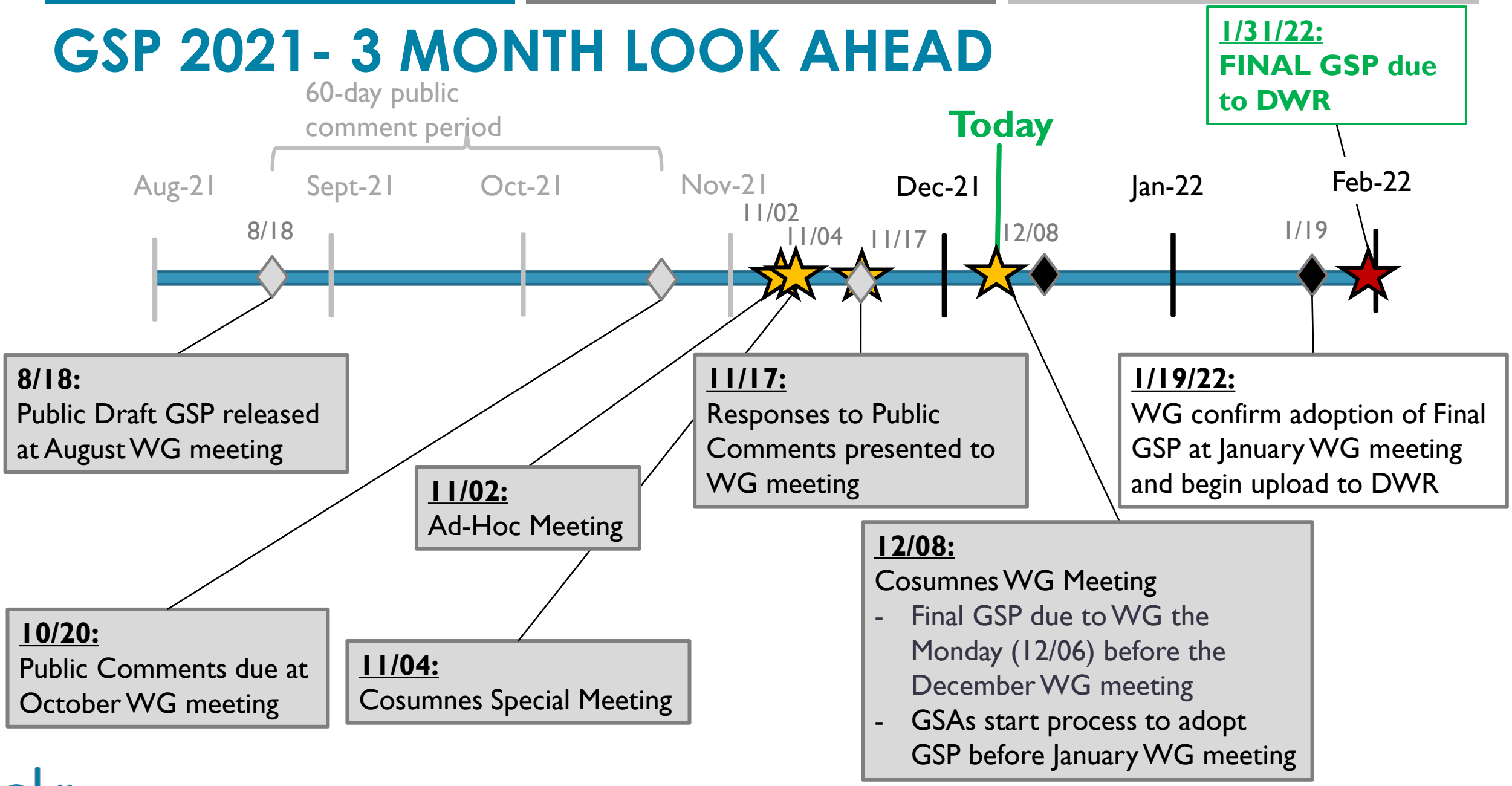
COSUMNES SUBBASIN WORKING GROUP MEETING

eki environment & water

GSP PREPARATION AND SUBMISSION

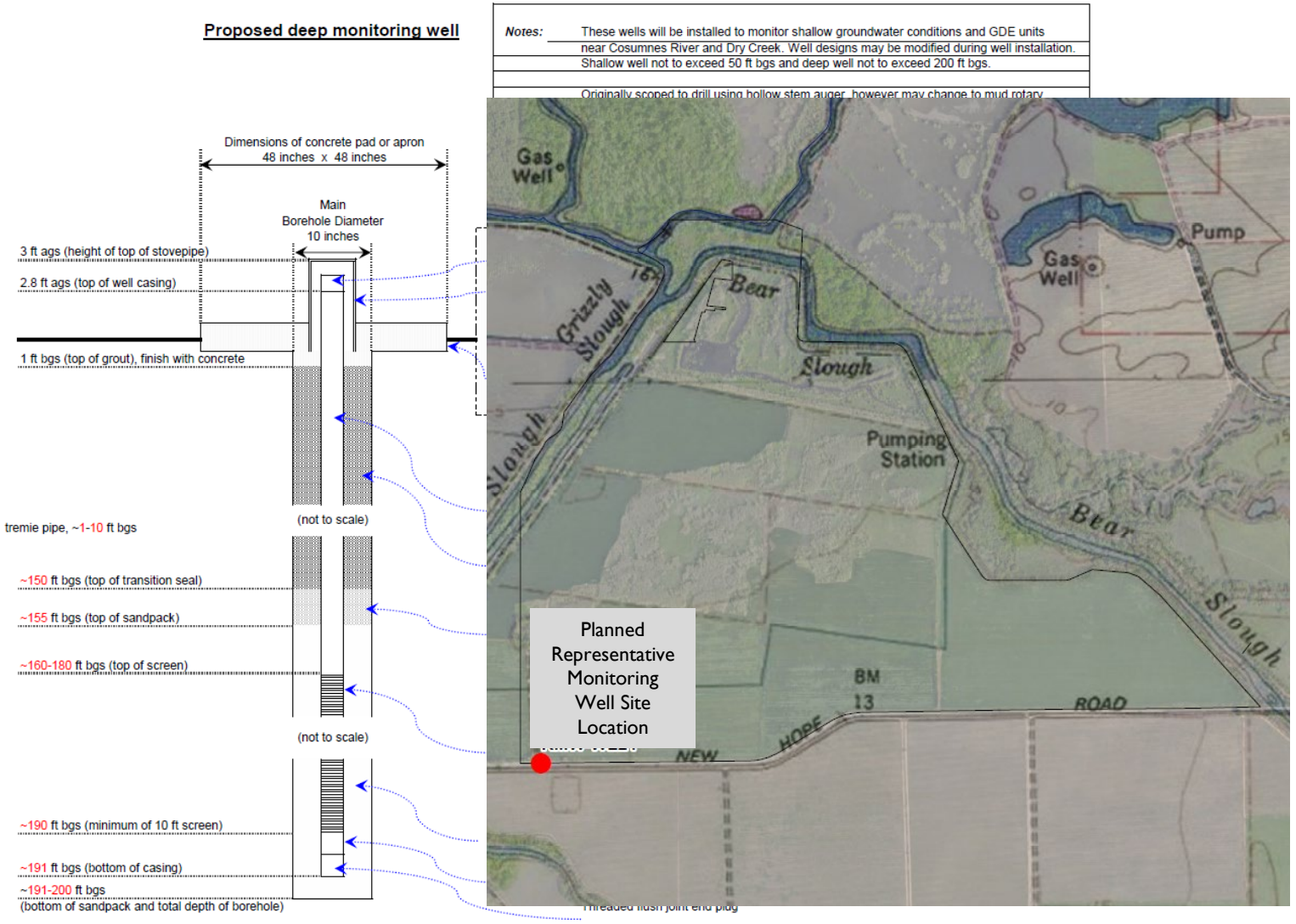
- GSP Update "3-month look" ahead
- Prop 68 Monitoring Well Installation Update
- Final GSP
  - Provided to the WG members for adoption
  - Review revisions to the Public Draft GSP

GSP 2021- 3 MONTH LOOK AHEAD



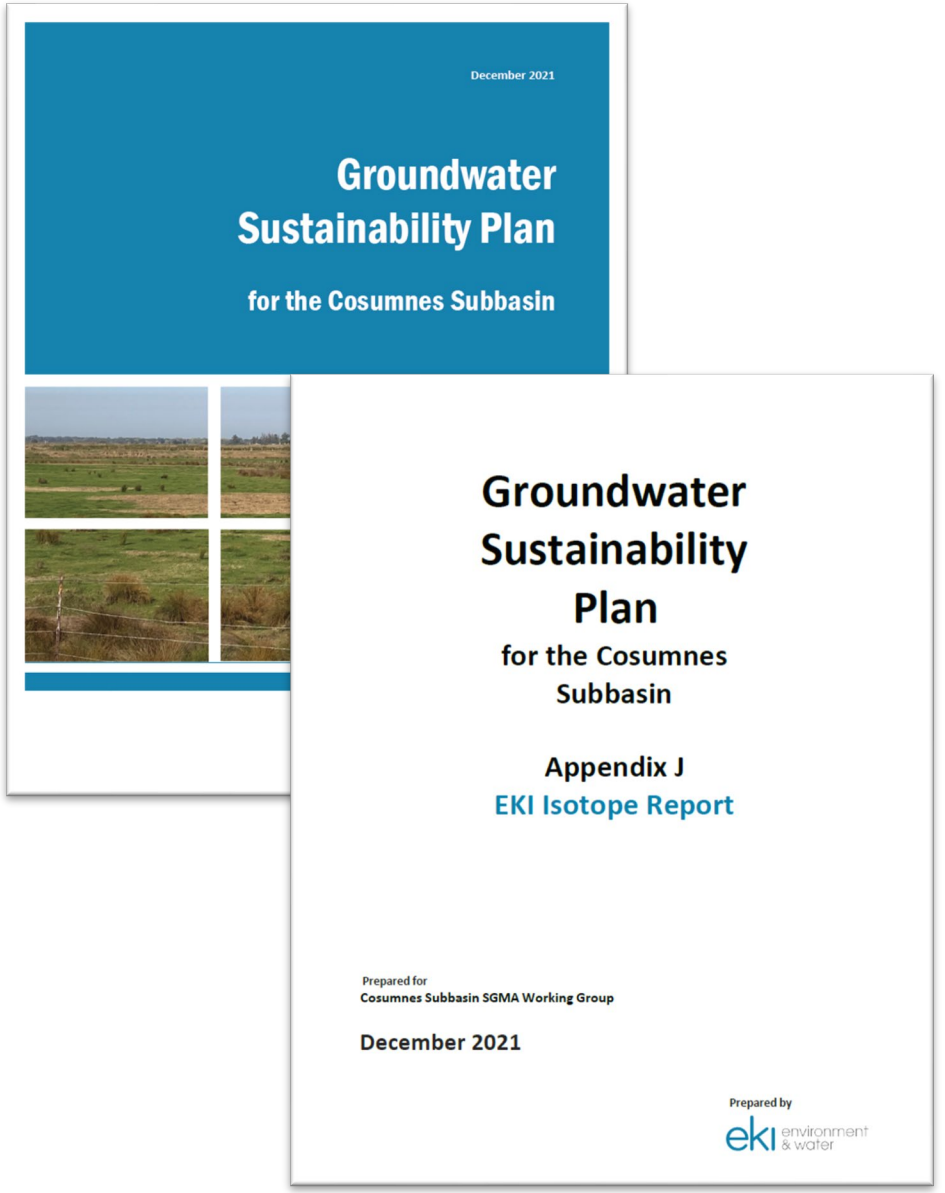
PROP 68 UPDATE – MONITORING WELL INSTALLATION

- Multi depth monitoring well
- DWR encroachment permit issues
- Grant agreement will have to be modified



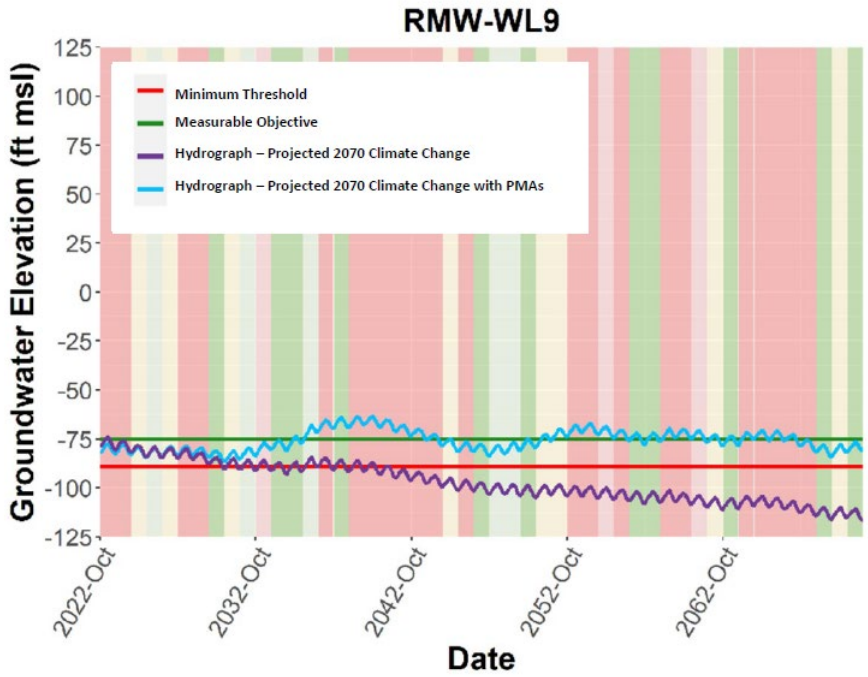
FINAL GSP

- Responses to Public Comments (redline)
- Revised Public Draft GSP (redline)
- Complete Final GSP (includes text, figures, and appendices)
- Final GSP (text only)
- Executive Summary
- Figures
- Appendices
- References



REVISIONS TO THE PUBLIC DRAFT GSP (1 OF 2)

- Editorial (page numbers, typos, header, dates, etc.)
- Revisions per responses to public comments received on Draft GSP.
- Refinements to Chapters 18 and 19 from PMA committee.
- New figures that show model-calculated water level projections
  - Without and with PMAs and,
  - Without and with climate change.



Groundwater Levels at the RMW-WLs are Projected to Remain Above MOs

REVISIONS TO THE PUBLIC DRAFT GSP (1 OF 2)

- Modifications to Undesirable Results definitions per recent insights from DWR comment letters
  - Remove caveat of "2-drought years" based on DWR comment letters to ESJ and Merced Subbasin (approved by GSAs in November)
  - Remove caveat of "because of SGMA-related groundwater management" based on DWR comment letter to the Salinas Subbasin (*"(S)taff find that* ***the approach to focus only on water quality impacts associated with GSP implementation, i.e., GSP-related projects, is inappropriately narrow****. Department staff recognize that GSAs are not responsible for improving existing degraded water quality conditions.* ***GSAs are required; however, to manage future groundwater extraction to ensure that groundwater use subject to its jurisdiction does not significantly and unreasonably exacerbate existing degraded water quality conditions.*** *… the analysis should be on whether groundwater extraction is causing the degradation in contrast to only looking at whether a specific project or management activity results in water quality degradation."*)

Example from Public Draft

Undesirable Results occur when MTs are exceeded in 25% or more of the RMW-WLs (5 out of 19), because of SGMA-related groundwater management, for two (2) consecutive non-drought years, as determined by DWR's San Joaquin Valley Water Year Hydrologic Classification Index.

Example from Final

Undesirable Results occur when MTs are exceeded in 25% or more of the RMW-WLs (5 out of 19) for two (2) consecutive years.

THE END