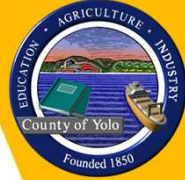


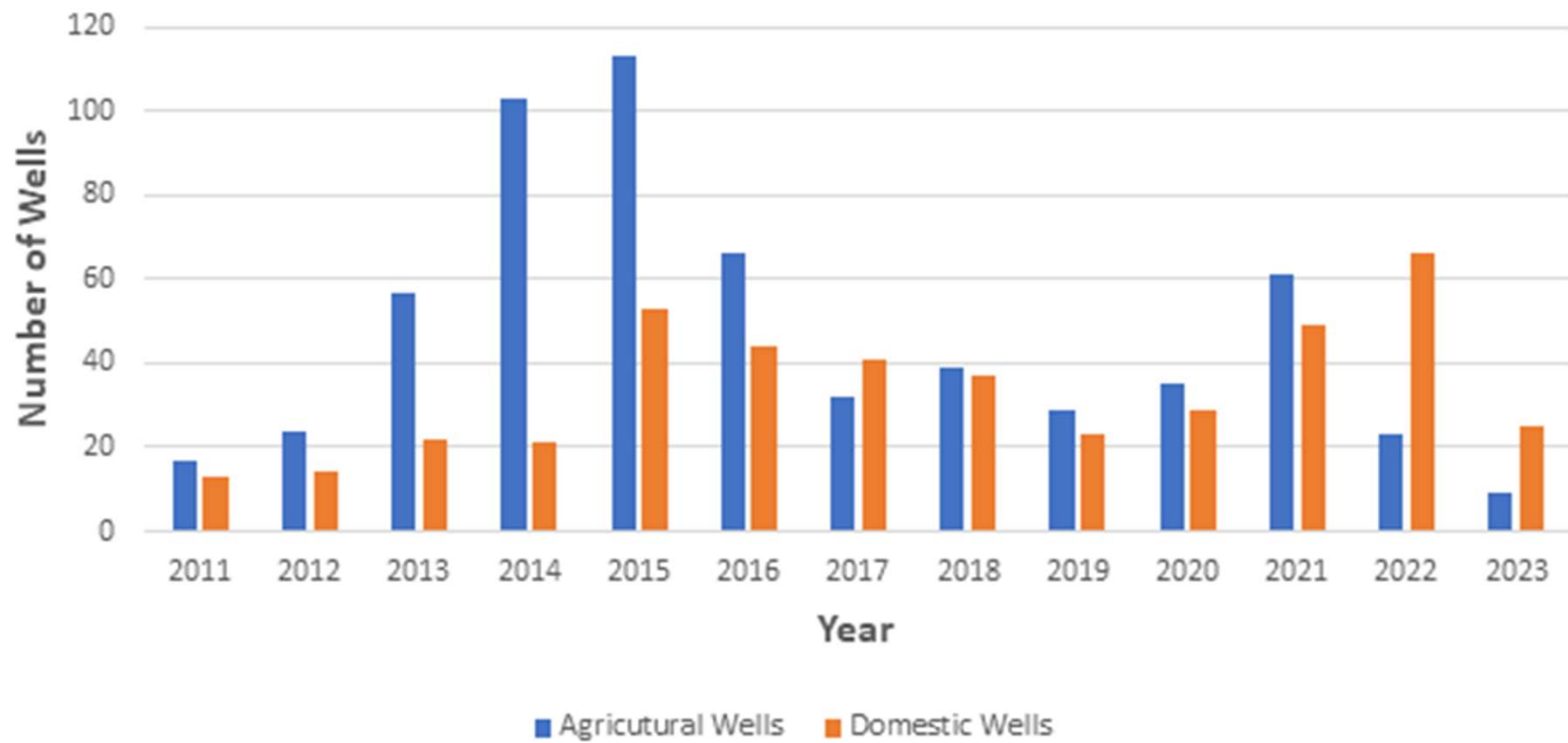


Environmental Health Well Permitting Update

Division of Environmental Health



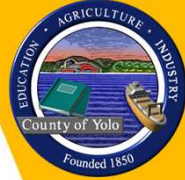
Total Completed Agricultural and Domestic Wells by the Year Permit Submitted





Executive Order Requirements

- Executive Order (EO) N-7-22 was issued on March 28, 2022. On February 13, 2023, EO N-7-22 was replaced by EO N-3-23.
- Prior to issuing a new water well permit, all non-exempt well permit applications must be evaluated and a determination must be made that:
 - A. The proposed well is not inconsistent with any applicable Groundwater Sustainability Plan (GSP) and would not decrease the likelihood of achieving a sustainability goal for the basin
(YSGA review – YSGA written verification required)
 - B. The proposed well is not likely to interfere with the production and function of existing nearby wells and is not likely cause land subsidence that impacts nearby infrastructure.
(YCEH review; some overlap with YSGA/GSP review)
- Wells producing less than two acre-feet per year for individual domestic water use and public supply wells are exempt from the EO.

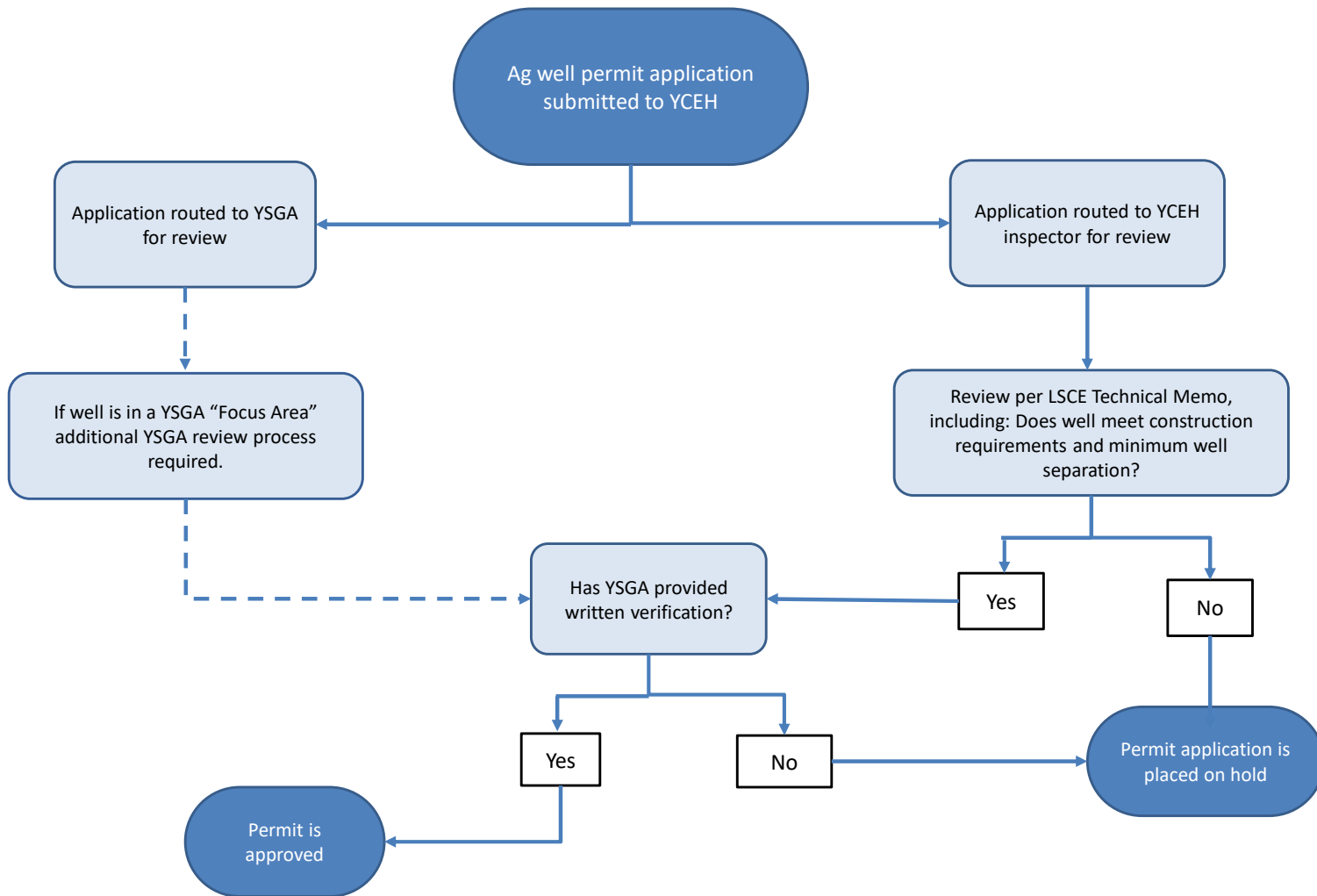
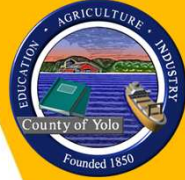


Temporary Well Permitting Procedures

In 2022, YCEH worked with a hydrogeologist from Luhdorff & Scalmanini, Consulting Engineers ("LSCE"), to develop temporary well permitting procedures to address the EO requirements.

These temporary well permitting procedures, referred to as a Technical Memo (TM), have been in use since December 20, 2022.

YCEH and LSCE have updated the TM to incorporate feedback received on the TM.

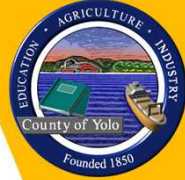




Temporary Well Permitting Procedures Update

Changes to the TM include:

- Added references to EO N-3-23.
- Added language to clarify that YCEH will not issue a well permit without written verification from the responsible Groundwater Sustainability Agency (GSA).
- Added reference to the Yolo Subbasin Groundwater Agency (YSGA) Focus Areas.
- Increased allowable distance for a replacement well from 100' to 200'. Replacement wells may be a greater distance but will require additional review per EO requirements.
- Added language to require documentation to replacement well section to verify a well has been in active use within the five years prior to the replacement well application date.
- Added language to include any best management practices or conditions from the GSA written verification into the well permit conditions.
- Added language to clarify what information must be included in a hydrogeologist report, if one is needed, to address the minimum separation distance requirement.



YSGA Update: Well Permit Reviews

- March 18, 2024 Board of Directors Meeting
 - DWR sponsored legislation: well permitting EO + land subsidence criteria ([AB 2079](#))
- Public comment period for Well Permit Review Procedures (3/19-4/2):
 - Focus Areas
 - 2-Tiered Permit Review Process
- Tier 1 Analysis
 - Anticipated impacts on groundwater levels at neighboring wells and storage
 - Will factor in anticipated conjunctive use
 - Anticipated impacts on nearby interconnected surface waters
 - Anticipated impacts on Total Dissolved Solids (TDS) concentrations in the target aquifer(s)
 - Anticipated impacts to land subsidence
- Tier 2 Hydrogeology Report

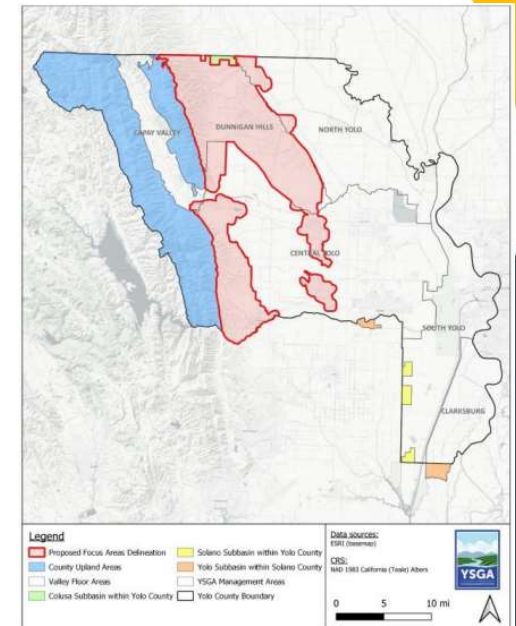
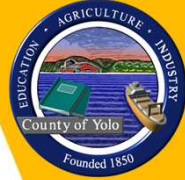
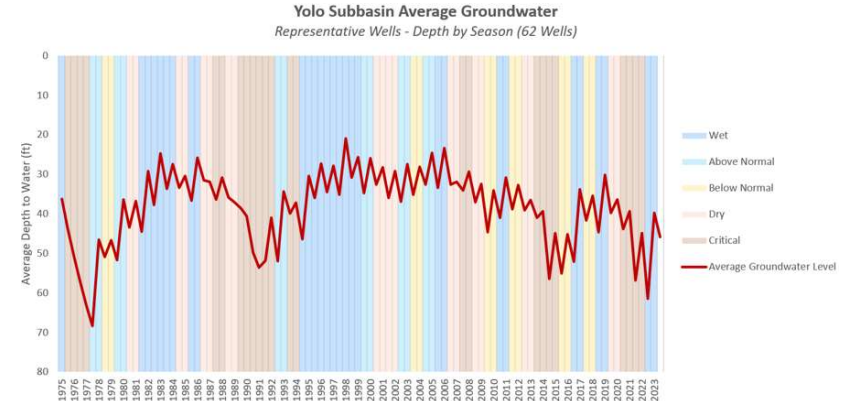


Figure 1. Proposed Delineated Focus Areas Relative to County Defined Valley Floor and Upland Areas.



YSGA Update: Other Items

- 2024 Annual Report available at yologroundwater.org
 - 2023 Water Year - summary of hydrology and basin conditions
- Spring 2024 groundwater measurements
- SGMA Implementation Grant (\$7.917M)
 - Land Subsidence Survey
 - Updated Modeling with Land Use Projections
 - Fee Study: Groundwater Assessment
 - Hungry Hollow Focus Area: facilitation services + projects/management actions
 - City of Winters Feasibility Studies for Alternative Water Supplies
 - Yolo-Zamora Groundwater Recharge
 - Dunnigan Groundwater Recharge
 - YCFC&WCD Groundwater Recharge





Recommendation:

Approve the updated Temporary Well Permitting Procedures TM

Questions?