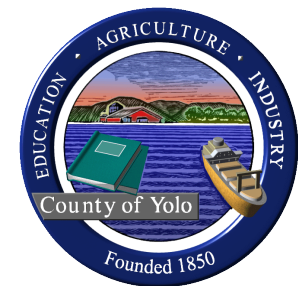


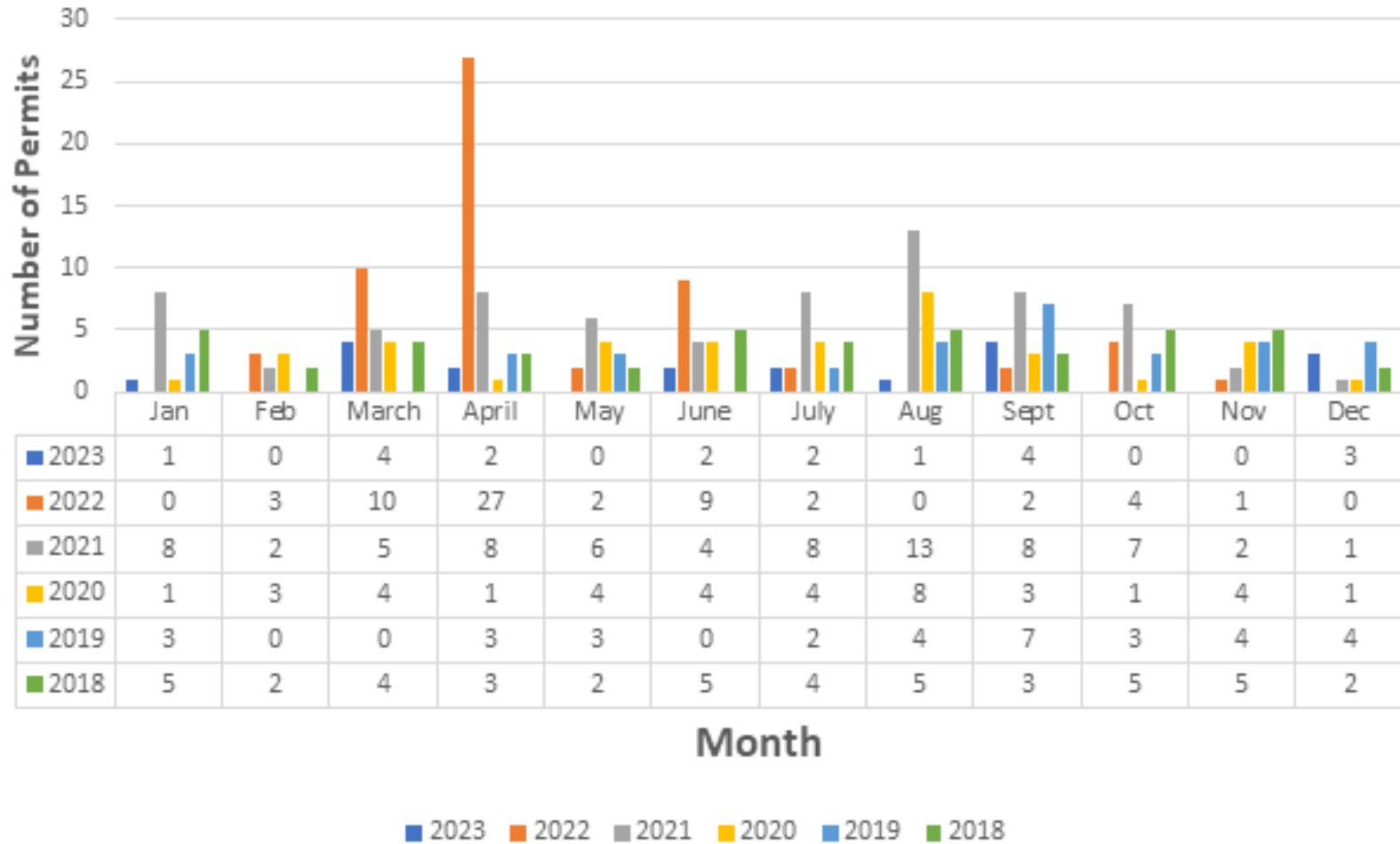
Environmental Health Well Permitting Update

Yolo County Board of Supervisors

JANUARY 9, 2024



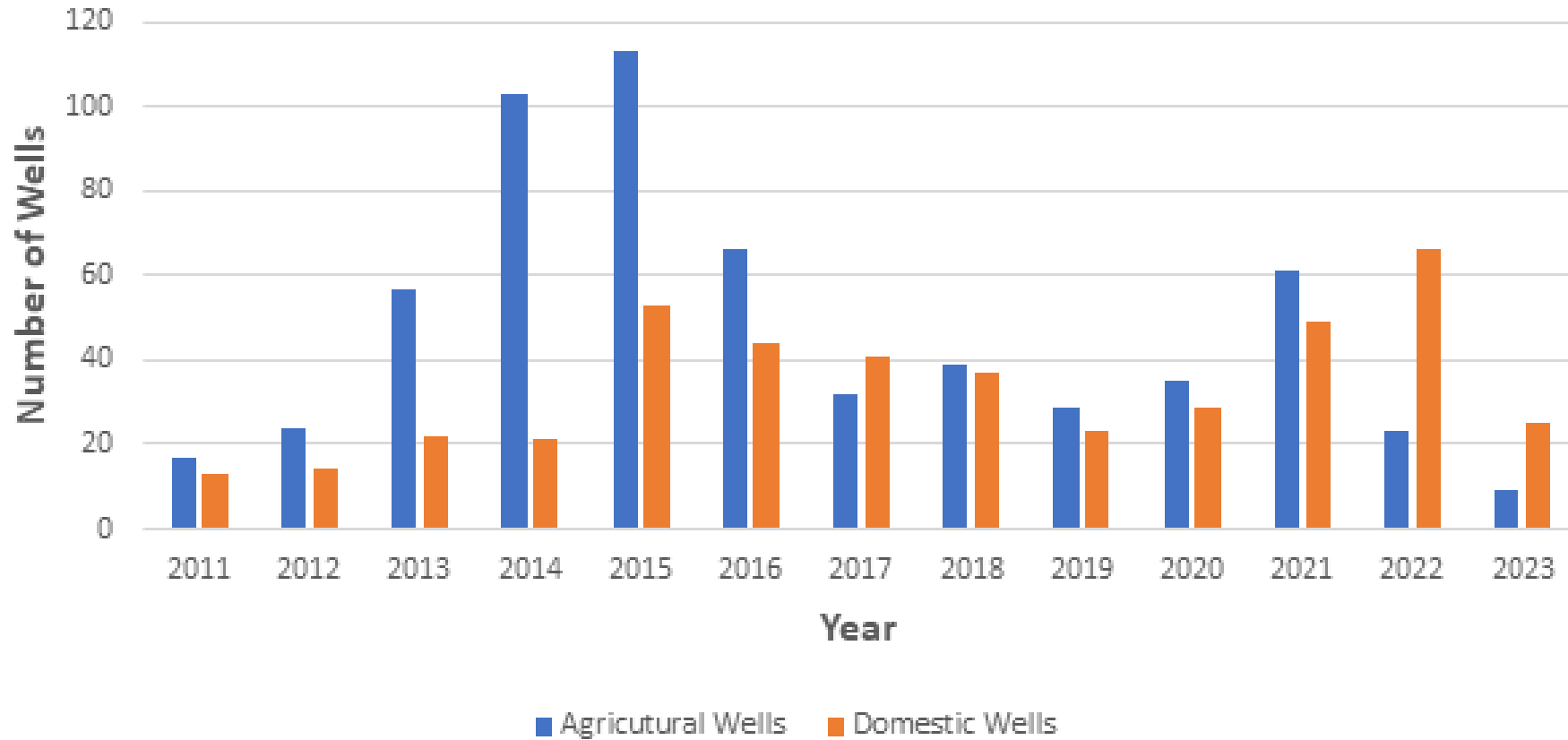
Total Ag Well Permits Applied by Month



Year	Total Number of Ag Well Permits Received
2023	19
2022	59
2021	72
2020	38
2019	33
2018	45



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.



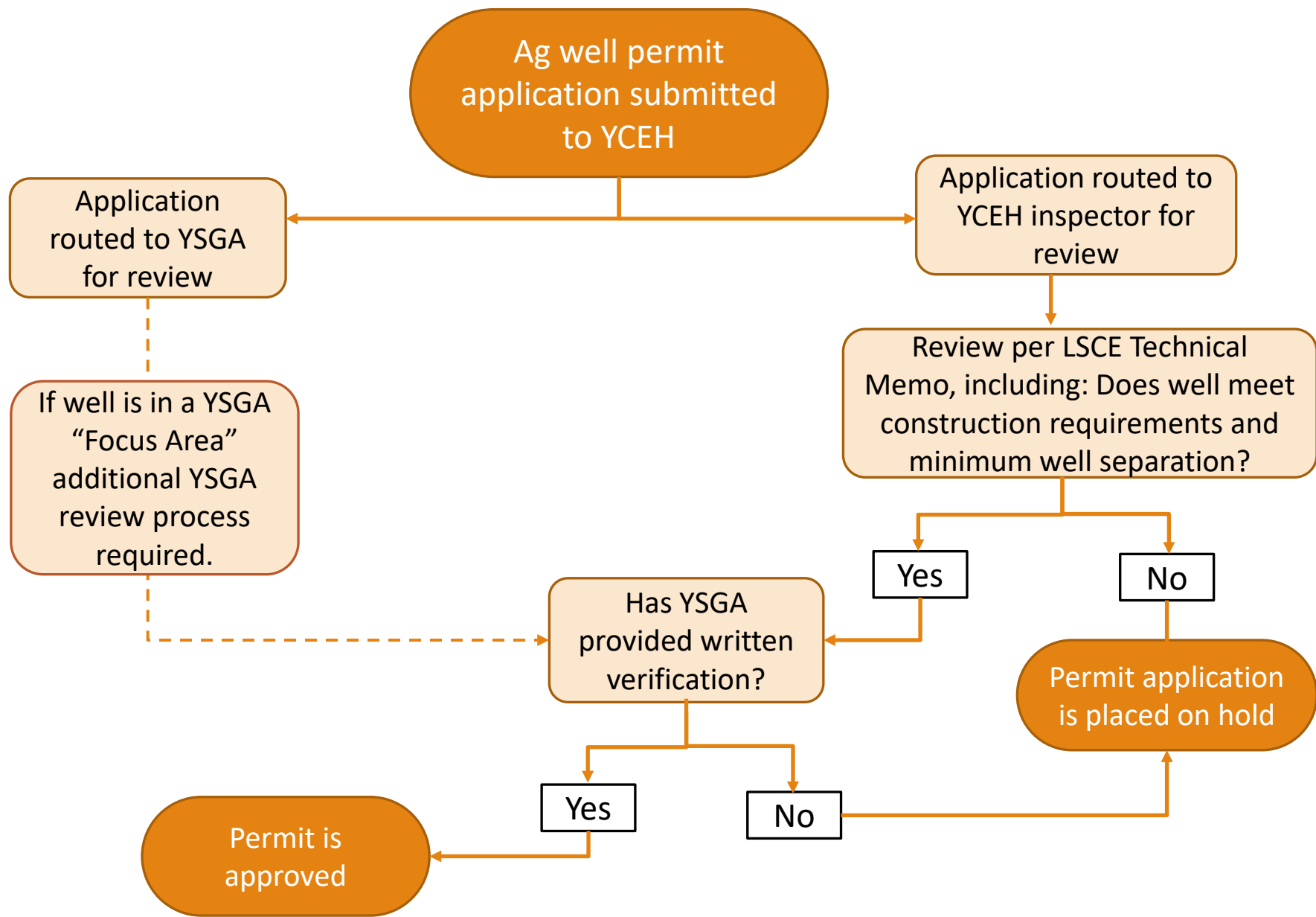
Temporary Well Permitting Procedures

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 recently updated the TM to incorporate feedback received on the TM over the past year.





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).
- 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.



Feedback on Updated TM

On 12/20/2023, the updated TM was sent to local well drillers, the Yolo County Farm Bureau and other interested parties. A follow-up email sent on 1/2/2024.

In response to feedback, YCEH has opted to bring a final TM to the Board for action on February 13th and has asked that any comments be submitted by January 22nd to ensure that staff and LSCE have time to review and determine whether further changes to the TM are warranted.

Important to remember that the TM is focused on the items required for the YCEH review. Of the comments received, some respondents are including comments for items that are related to the YSGA review such as Focus Areas.

Comment Topics	Responsible Party
Timeframe for comments	YCEH
Minimum Well Separation Distances	YCEH/LSCE
Focus Areas	YSGA



YSGA Update

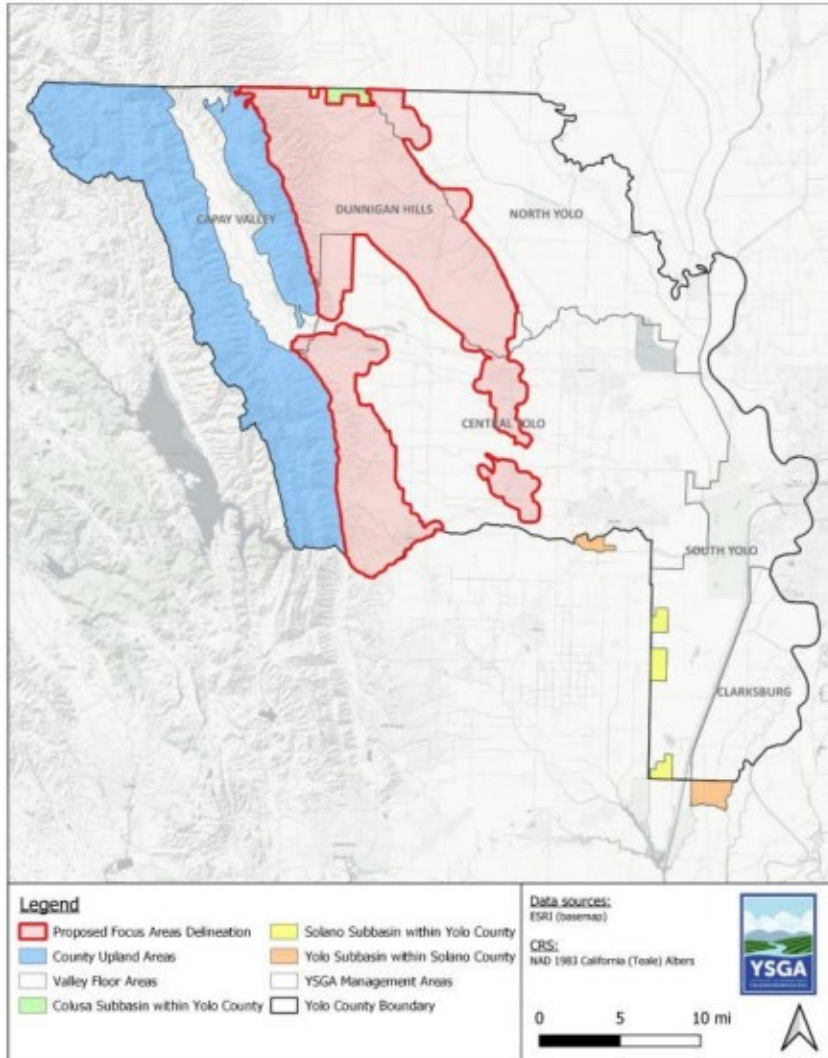


Figure 1. Proposed Delineated Focus Areas Relative to County Defined Valley Floor and Upland Areas.

- Focus Areas analysis prompted by
 - Requirements of Executive Order (EO) N-3-23
 - Concerns over declining groundwater levels in domestic wells in those areas
- Process and Purpose for developing Focus Areas Map
 - Identify areas using best available groundwater data where a hydrogeologist report may be needed to support YSGA’s written verification
 - YSGA Board approved Map on November 20, 2023
- On January 22, 2024, YSGA Board is expected to consider additional requirements for non-exempt wells in Focus Areas, including hydrogeologist report requirements based upon a potential 2-tier process:
 - Provide economies of scale (lower applicant expense)
 - Incorporate practical considerations (high-impact versus low-impact wells)

Overview:

Receive public comment;
provide any desired direction

Direct staff to return on
February 13, 2024, with a final
updated TM for Board
consideration.

Questions?