Las Posas Valley Groundwater Basin
Technical Advisory Committee Special Meeting

Friday September 5, 2025, 2:00 PM

Via Zoom:
https://us02web.zoom.us/j/84168071218?pwd=Kv42H0XegH4TthbvJUgzTrzACgXM8b.1
Webinar ID: 841 6807 1218
Passcode: 150451

NOTICE OF MEETING

NOTICE IS HEREBY GIVEN that the Las Posas Basin Technical Advisory Committee (TAC) will hold a special meeting via Zoom at **2:00 PM on Friday September 5, 2025**.

AGENDA

A. Call to Order

B. Roll Call

C. Agenda Review

D. Public Comments

E. TAC Member Comments

F. Regular Agenda

1. Approve Minutes from previous meetings

The TAC will review and consider adoption of minutes meetings from the previous special meeting held on August 5, 2025; draft minutes are attached beginning on agenda page 3.

2. Continued Discussion / Committee Consultation: Basin Optimization Yield Study Modeling Scenario Results

The discussed model scenario results for the simulations included in the Basin Optimization Yield Study (BOY Study) following a presentation from Dudek, the Watermaster's groundwater consultant, on July 18, 2025 and again on August 5, 2025 after model information and data were received. During the August 5th meeting, TAC members had questions about discrepancies between the information in the presentation and the data provided subsequently. Those questions were submitted to the Watermaster for clarification. The specific questions and supporting information submitted to the Watermaster are included as an attachment starting on agenda page 13.

The Watermaster responded to the TAC's clarifying questions in a memorandum dated August 29, 2025, which is attached starting at agenda page 19.

The TAC will resume discussion of the information presented by Dudek and begin discussion of the model data provided by the Watermaster. TAC discussion will focus on comments, questions, and recommendations to provide to the Watermaster in a Recommendation Report. The Watermaster has requested TAC feedback on this matter be provided by September 18, 2025.

3. Update on Committee Consultation Review Schedule

The TAC will receive an update on the schedule for upcoming committee consultations from the Watermaster Representative. Known current and upcoming consultation are summarized in the table below:

Consultation Description	Expected Request Date	Expected Review Due Date
Presentation of Basin Optimization Yield Study Model Scenario Results by Dudek	7/18/25	9/18/25
Draft Basin Optimization Yield Study	12/9/2025	2/7/2026
Calleguas ASR Project Operations Plan	TBD	TBD

4. Schedule for Completing Committee Consultations and Related Recommendation Reports

The TAC will discuss the schedule for completing consultation requests from the Watermaster.

G. Items for Future Agenda

Potential items for future agenda will be considered by the TAC

H. Adjourn

Attachment 1

Minutes of the August 5, 2025 TAC Regular Meeting

Las Posas Valley Groundwater Basin
Technical Advisory Committee Regular Meeting

Meeting Minutes
for
August 5, 2025

A. Call to Order

Chair Taylor called the meeting to order at 2:01 pm.

B. Roll Call

All voting TAC members were present (via Zoom):

- Vice Chair Tony Morgan – Present
- Chair Chad Taylor – Present
- Dr. Bob Abrams – Absent

All non-voting TAC members were present (via Zoom):

- Bryan Bondy – Present
- Kim Loeb – Present

Chair Taylor reported the meeting had a quorum with two of the three voting members of the Las Posas Valley Technical Advisory Committee (TAC) present.

C. Agenda Review

Mr. Taylor reminded the TAC and public attendees that the agenda for the regular meeting was published and notified by the Watermaster. He asked for comments on the agenda from TAC members or the public. No comments were presented.

D. Public Comments

Chair Taylor asked members of the public for comments on items not on the agenda and none were provided.

E. TAC Member Comments

Mr. Taylor opened for TAC member comments on items not on the agenda; none were made.

F. Regular Agenda

1. Approve Minutes from previous meetings

Mr. Taylor advanced to the regular agenda, review of minutes of the previous TAC meeting, which was a special meeting held on July 18, 2025. These minutes were included in the agenda package. TAC members reviewed the draft minutes and requested edits which Mr. Taylor made during the meeting.

Mr. Taylor asked public attendees for comments or other feedback on the minutes and none were received.

The TAC members were willing to accept the revised minutes of the July 18, 2025 special TAC meeting through a motion.

MOTION: Mr. Morgan moved to accept the revised minutes of the July 18, 2025 meeting
SECOND: Mr. Taylor seconded the motion
VOTE: Unanimously approved

2. Discussion for Committee Consultation: Basin Optimization Yield Study Modeling Scenario Results

Chair Taylor next began the primary topic for the meeting, discussion of the Basin Optimization Yield (BOY) Study modeling scenario results. He reminded meeting attendees that Dr. Weinberger of Dudek (the Watermaster's groundwater consultant) gave a presentation summarizing the results of the model scenarios in the previous meeting. Following the presentation, the Watermaster provided the TAC members with model results datasets with Transient Pumping, Simulated Water Budgets, and Hydrographs all in Microsoft Excel formats. The presentation slides were attached to the minutes of the previous meeting and the memorandum from the Watermaster transmitting the additional model data were attached to the meeting agenda.

Mr. Taylor also reminded attendees that the presentation from Dudek described pumping distribution as one area of model sensitivity and potential uncertainty. However, even with that uncertainty, Dr. Weinberger indicated Dudek would not be recommending a rampdown in pumping.

Mr. Loeb provided that these preliminary conclusions assume the projects that were simulated will be implemented.

Mr. Taylor asked if it would be a correct assumption that all the projects were simulated to be operational throughout the model period and were not simulated as being phased in over time. Mr. Loeb indicated he thought that was a correct assumption but would need to confirm.

Mr. Morgan expressed surprise that the model results data showed very change in groundwater storage difference between the Baseline and Projects scenarios. The average difference between the scenarios was around 85 acre-feet (AF) per month, which he considered within the error of the model.

Mr. Bondy shared tables he'd prepared with assessments of the model scenario results data shared with the TAC in comparison to the presentation the TAC received. These comparisons showed differences in the average annual volume of pumping in the Transient Pumping and Simulated Water Budget files. He indicated that these differences were significant and approached 5 and 10 percent of the total pumping in the Transient Pumping and Simulated Water Budget files, respectively. Mr. Bondy expressed concern regarding these differences as they showed less pumping than was described in the presentation from Dudek, which could be viewed as an indication that the operational yield claimed in the presentation was not supported by the model results.

Mr. Loeb provided that the information presented in the previous TAC meeting was preliminary and to his knowledge the data provided afterward was directly from the model. There was some work required to extract these data and summarize them into the Excel formats. He acknowledged that the questions raised are important and expected there would be a good answer to them.

Mr. Bondy also shared tables summarizing the intended volume of in-lieu use in Transient Pumping and the Simulated Water Budget datasets. He noted that the Transient Pumping in

lieu volumes compared favorably to the values in the presentation. However, the volumes in the Simulated Water Budget files were very different from those in the presentation. For the West Las Posas Management Area (WLPMA) the in-lieu use was approximately 8 percent higher while for the East Las Posas Management Area (ELMPA) they were 24 percent greater.

The tables Mr. Bondy shared with the TAC are included in these minutes as Attachment 1.

During TAC discussion, Mr. Bondy also compared the volume of water simulated to have flowed between the ELPMA and WLPMA in the Baseline and Projects scenario simulations for the WLPMA. He found that flow between the two management areas in the WLPMA simulations was approximately 63 percent of the intended in lieu volume. This implies that the model simulated a significant volume of increased outflow from the WLPMA projects. This reinforced the concern about the boundary between the WLPMA and ELPMA in the Coastal Plane model that the TAC raised previously.

The TAC discussed these differences and the bearing on the operational yield analysis. TAC members agreed that submitting clarifying questions to Dudek regarding these items prior to preparation of a Recommendation Report or providing other feedback to the TAC would be appropriate and timely.

Mr. Bondy then showed the TAC a hydrograph of long-term groundwater levels with a period of decline followed by a period of recovery that corresponded with a historical in lieu delivery program. That historical in lieu was similar in volume to what is planned currently. Mr. Bondy indicated that despite the model results questions raised by the TAC, the historical data and operations should provide a level of comfort that the proposed project should have expected benefits. This graph is also included in Attachment 1.

The TAC went on to briefly discuss individual model simulated hydrographs, details of the presentation from the previous meeting, alternative model scenarios, and assumptions about project phasing. They reviewed the consultation request from the Watermaster and decided to table further discussion until receiving responses to the clarifying questions raised earlier in the meeting.

Mr. Taylor offered the public attendees an opportunity to provide comments to the TAC and none were raised.

3. Update on Committee Consultation Review Schedule

Chair Taylor went on to the next agenda item, discussion of upcoming Committee Consultations. Mr. Loeb confirmed that there were no additional consultations on the Watermaster radar other than the BOY Study model results. No other TAC member or public comments were made on this matter.

4. Schedule for Completing Committee Consultations and Related Recommendation Reports

Mr. Taylor turned to review and discussion of the schedule for the current consultation on the BOY Study. He noted that the Watermaster requested feedback on the BOY Study model results by August 26, 2025 and that there was only one remaining regular TAC meeting prior to that date. That regular meeting was scheduled for August 19th. However, the TAC would not have topics for discussion without receiving responses to the clarifying questions discussed earlier in the meeting. Mr. Taylor noted that there would likely be a need for at least one special meeting.

Mr. Taylor went on to request TAC members send written versions of clarifying questions to him by midday August 7th so he could compose a single email to the Watermaster to be forwarded to Dudek. He indicated that if Dudek could respond by midday August 14, 2025 the August regular meeting could be kept. Otherwise, it would be cancelled.

Mr. Loeb informed the TAC that Dr. Weinberger was on vacation and would not return until August 11th, so Dudek would not be able to begin responding until her return.

Mr. Taylor suggested that if responses were not received by Dudek in time to keep the August 19th regular meeting, there would be the possibility of a special meeting later that week. TAC members reviewed calendars and confirmed availability for special meetings on Friday August 22, 2025 at 2 pm and Tuesday August 26, 2205 at 1 pm. The goal of the first special meeting would be to discuss responses to the clarifying questions and plan for submitting comments for a Recommendation Report. The second meeting would focus on reviewing the draft Recommendation Report and hopefully accepting it and authorizing Mr. Taylor to submit it to the Watermaster later that day.

The TAC agreed that the proposed schedule including the two special meetings identified allows the minimum time required to draft, review, accept, and submit a recommendation report to the Watermaster by August 26th.

Mr. Loeb indicated he was optimistic that Dudek could prepare responses to questions by August 15, 2025.

Mr. Taylor asked for public comments on the TAC Recommendation Report schedule; none were provided.

G. Items for Future Agenda

Chair Taylor asked if TAC members or the public wanted to bring items to the TAC's attention for consideration in future TAC meeting agendas. No comments were provided.

H. Adjourn

Mr. Taylor thanked the TAC members and public for attending and made a motion to adjourn the meeting.

MOTION: Mr. Taylor moved to adjourn the meeting at 3:04 pm
SECOND: Mr. Morgan seconded the motion
VOTE: Unanimously approved

Attachment 1

Tabular Comparisons of Basin Optimization Yield Study Water Budgets Prepared by Brian Bondy and Presented to Las Posas Valley Technical Advisory Committee on August 5, 2025

DRAFT

Table 1
Pumping Differences Between Presentation and Pumping Excel Files (based on provide average values)

	Baseline Pumping			Projects Pumping		
	Presentation AFY	Excel Files AFY	Difference AFY	Presentation AFY	Excel Files AFY	Difference AFY
WLPMA	18,773	18,204	569	17,013	16,487	526
ELPMA	21,226	21,586	-360	19,846	20,206	-360
Total	39,999	39,790	209	36,859	36,693	166

Table 2
Pumping Differences Between Presentation and Pumping Excel Files (based on monthly calculations)

	Baseline Pumping			Projects Pumping		
	Presentation AFY	Excel Files AFY	Difference AFY	Presentation AFY	Excel Files AFY	Difference AFY
WLPMA	18,773	18,258	515	17,013	16,535	478
ELPMA	21,226	21,650	-424	19,846	20,267	-421
Total	39,999	39,908	91	36,859	36,802	57

Table 3
Pumping Differences Between Presentation and Water Budget Excel Files

	Baseline Pumping			Projects Pumping		
	Presentation AFY	Excel Files AFY	Difference AFY	Presentation AFY	Excel Files AFY	Difference AFY
WLPMA	18,773	17,127	1,646	17,013	15,228	1,785
ELPMA	21,226	20,170	1,056	19,846	18,465	1,381
Total	39,999	37,297	2,702	36,859	33,694	3,165

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Table 4
Differences Between Intended and Simulated In-Lieu Based on Pumping Excel Files

	Average Baseline Pumping (AFY)	Average Projects Pumping (AFY)	Difference (AFY)	Intended In-Lieu (AFY)	Difference (AFY)	Difference (%)
WLPMA						
02N20W08M01S (Zone #18)	-1,054	-581	-473			
02N20W08F01S (Zone #13)	-1,056	-669	-388			
02N20W06R01S (VCWWD-19 #2)	-1,090	-799	-291			
02N20W08B01S (VCWWD-19 #3)	-649	-411	-238			
02N20W07R03S (Zone #22)	-510	-323	-187			
02N20W08E01S (Zone #17)	-412	-261	-152			
Total	-4,771	-3,043	-1,728	1760	-32	-2%
ELPMA						
03N19W31B01S_WWD (VCWWD-1 #15)	-1,966	-902	-1,065			
03N20W36A02S_WWD_Mod (VCWWD-1 #98)	-332	-152	-180			
03N20W36G01S_f_WWD_MOD (VCWWD-1 #95)	-257	-118	-139			
Total	-2,555	-1,171	-1,383	1,380	3	0.3%

Table 5
In-Lieu Differences Between Presentation and Water Budget Excel Files

	Project In-Lieu (AFY)	Simulated In-Lieu (AFY)	Difference (AFY)	Difference (%)
WLPMA	1,760	1,898	138	8%
ELPMA	1,380	1,705	325	24%

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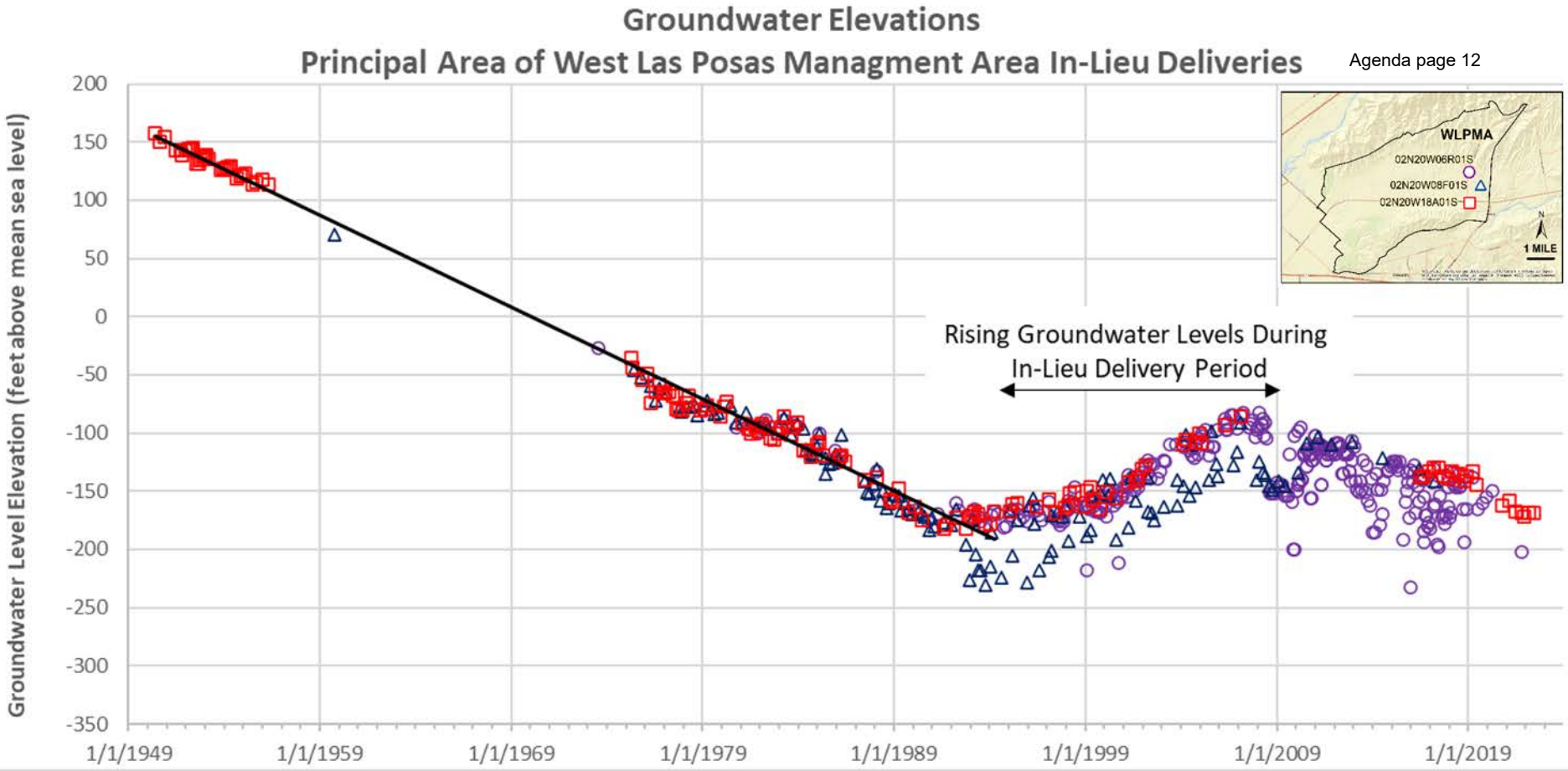
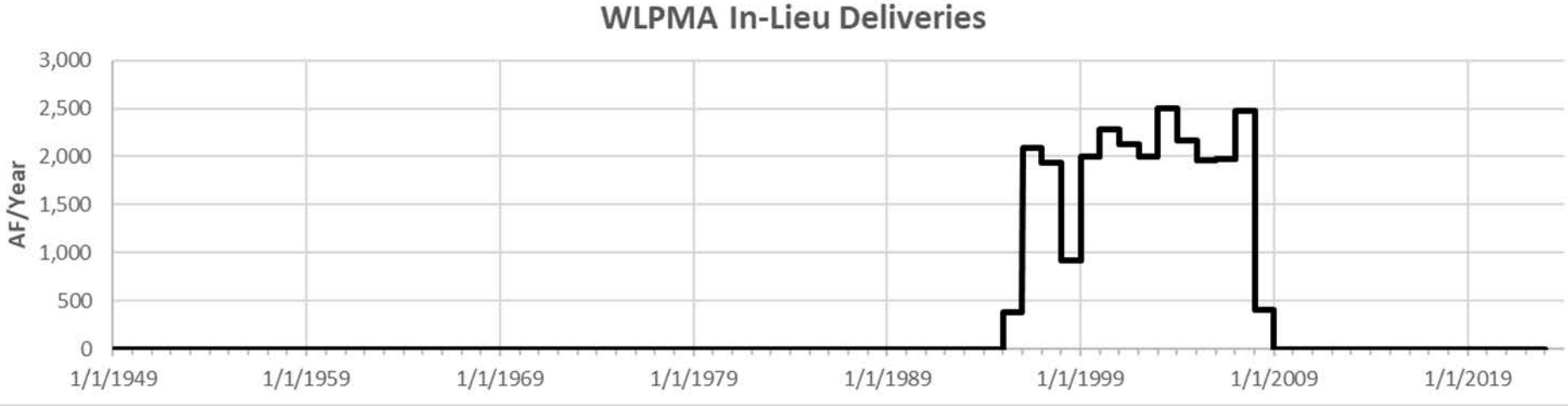
Table 6
WLPMA - ELPMA Subsurface Inflow Changes Based on Water Budget Excel Files

	Net Subsurface Flow to/from ELPMA (AFY)	Notes
WLPMA Baseline	492	Presented as inflow from ELPMA
WLPMA Projects	-619	Presented as outflow to ELPMA
Difference	1,111	
Difference as % of In-Lieu	63%	


Groundwater Elevations
Principal Area of West Las Posas Managment Area In-Lieu Deliveries
Groundwater Level Elevation (feet above mean sea level)
200
150
100
50
0
-50
-100
-150
-200
-250
-300
-350
1/1/1949
1/1/1959
1/1/1969
1/1/1979
1/1/1989
1/1/1999
1/1/2009
1/1/2019
WLPMA
02N20W06R01S
02N20W08F01S
02N20W18A01S
N
1 MILE
Rising Groundwater Levels During
In-Lieu Delivery Period


WLPMA In-Lieu Deliveries
AF/Year
3,000
2,500
2,000
1,500
1,000
500
0
1/1/1949
1/1/1959
1/1/1969
1/1/1979
1/1/1989
1/1/1999
1/1/2009
1/1/2019

Attachment 2

Email with TAC Clarifying Questions Regarding Basin Optimization Yield Study Model Scenario Results, August 7, 2025

From: Chad Taylor
To: LPV Watermaster; Farai Kaseke PhD, PMP, CSM (Farai.Kaseke@ventura.org)
Cc: Kimball Loeb PG, CHG, CEG (kloeb@dudek.com); Bryan Bondy PG, CHG (Bryan@bondygroundwater.com); Morgan, Tony; Bob Abrams PhD, PG, CHG (bob.abrams@aquilogic.com)
Subject: Clarifying Questions Regarding Basin Optimization Yield Study Model Scenario Results
Date: Thursday, August 7, 2025 5:01:00 PM
Attachments: image001.png
BOY Model Pumping Review Tables For Dudek.pdf

Hello Watermaster,

Thank you for having Dudek present Basin Optimization Yield (BOY) Study model scenario results and provide data for the same to the Las Posas Valley Technical Advisory Committee (TAC) in July. TAC members identified some differences between the presentation and data that were provided to the TAC and discussed those differences in our meeting earlier this week. We request the Watermaster forward our questions to Dudek for clarification as we continue to review and provide our consultation to the Watermaster. We understand the Dr. Jill Weinberger of Dudek is out of the office this week and will return on Monday, August 11th. To accommodate that schedule and the requested deadline for TAC consultation we hope that responses to our questions can be returned to me by midday on Thursday August 14th.

The TAC's specific clarifying questions are presented below:

1. There are differences between the pumping values included on slide nos. 8 and 10 of the Dudek presentation to the TAC from July 8th and the transient pumping data provided on July 25th. The differences are summarized in the attached Table 1 which relates to the transient pumping data from the following Excel sources provided on July 25th:
    a. Sum of values in row 569 of *WLPMA_TransientPumping_BOYBaseline_DRAFT.xlsx*
    b. Sum of values in row 569 of *WLPMA_TransientPumping_BOYProjects_DRAFT.xlsx*
    c. Sum of values in row 568 of *ELPMA_TransientPumping_BOYBaseline_DRAFT.xlsx*
    d. Sum of values in row 568 of *ELPMA_TransientPumping_BOYProject_DRAFT.xlsx*
2. As in question 1 above, except comparing the sum of the pumping values calculated monthly instead using the averages provide in the Excel files listed above. A summary of this comparison is presented in attached Table 2.
3. There are differences between the pumping values included on slide nos. 8 and 10 of the Dudek presentation to the TAC from July 8th and the pumping values in the water budget model results provided on July 25th. The differences are summarized in the attached Table 3, which references water budget information from the following sources provided July 25th:
    a. Value in cell D566 of *BOYS_WaterBudget-WLPMA-LAS_Baseline.xlsx* PLUS value in cell C566 of *BOYS_WaterBudget-WLPMA-SAS_Baseline.xlsx*
    b. Value in cell D566 of *BOYS_WaterBudget-WLPMA-LAS_Projects.xlsx* PLUS value in cell C566 of *BOYS_WaterBudget-WLPMA-SAS_ Projects.xlsx*
    c. Value in cell E567 of *BOYS_WaterBudget-ELPMA_Baseline.xlsx*
    d. Value in cell E567 of *BOYS_WaterBudget-ELPMA_Projects.xlsx*
4. The in-lieu deliveries volumes from the presentation differ from those included in the water budget excel files, as summarized in attached Table 5 and the following sources:
    a. (Value in cell D566 of *BOYS_WaterBudget-WLPMA-LAS_Baseline.xlsx* PLUS value in cell C566 of

BOYS_WaterBudget-WLPMA-SAS_Baseline.xlsx) MINUS (Value in cell D566 of *BOYS_WaterBudget-WLPMA-LAS_Projects.xlsx* PLUS value in cell C566 of *BOYS_WaterBudget-WLPMA-SAS_ Projects.xlsx*)

b. Value in cell E567 of *BOYS_WaterBudget-ELPMA_Baseline.xlsx* MINUS Value in cell E567 of *BOYS_WaterBudget-ELPMA_Projects.xlsx*

5. Please confirm the direction of subsurface flow (i.e., to or from the East Las Posas Management Area (ELPMA) in the West Las Posas Management Area (WLPMA) simulations, which are shown as follows in the water budget Excel files:
   a. 492 AFY reported in cell H566 of *BOYS_WaterBudget-WLPMA-LAS_Baseline.xlsx*
   b. -619 AFY reported in cell H566 of *BOYS_WaterBudget-WLPMA-LAS_Projects.xlsx*
6. Please confirm that the projects start at the beginning of simulation period in the "projects" simulations.
7. Some of the change in groundwater storage volumes in the presentation are inconsistent with the water budget Excel files, as summarized in the table below:

ELPMA Cumulative Change in Storage 47-yr Model Period (acre-feet)				WLPMA Cumulative Change in Storage 47-yr Model Period (acre-feet)			
From Presentation[1]		From Water Budget Excel Files		From Presentation[2]		From Water Budget Excel Files	
Baseline	Projects	Baseline	Projects	Baseline	Projects	Baseline	Projects
~-37,000	~-15,000	72,791[3]	24,905[4]	-12,318.7[6]	-12,990.8[6]	-13,027[6,8]	-13,772[6.9]
				-25,098.0[7]	-41,519.8[7]	-25,099[7,10]	-41,522[7,11]

[1]: Estimated from graph on slide 18 of July 18, 2025PowerPoint presentation to TAC

[2]: From slide 19 of July 18, 2025PowerPoint presentation to TAC

[3]: Sum of values from column K of *BOYS_WaterBudget-ELPMA_Baseline.xlsx*

[4]: Sum of values from column K of *BOYS_WaterBudget-ELPMA_Projects.xlsx*

[5]: Estimated from graph on slide 18 of July 18, 2025PowerPoint presentation to TAC

[6]: Upper Aquifer System

[7]: Lower Aquifer System

[8]: Sum of values from column I of *BOYS_WaterBudget-WLPMA-SAS_Baseline.xlsx*

[9]: Sum of values from column I of *BOYS_WaterBudget-WLPMA-SAS _Projects.xlsx*

[10]: Sum of values from column I of *BOYS_WaterBudget-WLPMA-LAS_Baseline.xlsx*

[11]: Sum of values from column I of *BOYS_WaterBudget-WLPMA-LAS_ Projects.xlsx*

   a. Recognizing that the effects of projects on water levels in wells will be the more important factor, the difference in the change in groundwater storage (per the modeled results) between baseline and project scenarios is significant, especially for the ELPMA where the difference between the presentation and Excel data sources appear to indicate a discrepancy of over 110,000 acre-feet (AF) for the Baseline scenario and almost 40,000 for the Project scenario.
   b. There does appear to be a sign error in the ELPMA water budget Excel files. The Change in Groundwater Storage values in column K of both *BOYS_WaterBudget-ELPMA_Baseline.xlsx* and *BOYS_WaterBudget-ELPMA_Projects.xlsx* are positive when the Total Outflow value (column J) is larger than the Total Inflow value in column I and vise versa. This implies that instead of the modeled cumulative change in storage being large positive values as shown in the table above, they should be large negative values that are 196 and 166 percent of the values show in the presentation to the TAC

for the Baseline and Projects scenarios, respectively.

Thank you,

Chad

Chad Taylor, PG, CHG
Vice President | Principal Hydrogeologist

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Table 1
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ELPMA	21,226	21,586	-360	19,846	20,206	-360
Total	39,999	39,790	209	36,859	36,693	166

Table 2
Pumping Differences Between Presentation and Pumping Excel Files (based on monthly calculations)

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Total	39,999	37,297	2,702	36,859	33,694	3,165

DRAFT

Table 4
Differences Between Intended and Simulated In-Lieu Based on Pumping Excel Files

	Average Baseline Pumping (AFY)	Average Projects Pumping (AFY)	Difference (AFY)	Intended In-Lieu (AFY)	Difference (AFY)	Difference (%)
WLPMA						
02N20W08M01S (Zone #18)	-1,054	-581	-473			
02N20W08F01S (Zone #13)	-1,056	-669	-388			
02N20W06R01S (VCWWD-19 #2)	-1,090	-799	-291			
02N20W08B01S (VCWWD-19 #3)	-649	-411	-238			
02N20W07R03S (Zone #22)	-510	-323	-187			
02N20W08E01S (Zone #17)	-412	-261	-152			
Total	-4,771	-3,043	-1,728	1760	-32	-2%
ELPMA						
03N19W31B01S_WWD (VCWWD-1 #15)	-1,966	-902	-1,065			
03N20W36A02S_WWD_Mod (VCWWD-1 #98)	-332	-152	-180			
03N20W36G01S_f_WWD_MOD (VCWWD-1 #95)	-257	-118	-139			
Total	-2,555	-1,171	-1,383	1,380	3	0.3%

Table 5
In-Lieu Differences Between Presentation and Water Budget Excel Files

	Project In-Lieu (AFY)	Simulated In-Lieu (AFY)	Difference (AFY)	Difference (%)
WLPMA	1,760	1,898	138	8%
ELPMA	1,380	1,705	325	24%

Attachment 3

Watermaster Committee Consultation on the Las Posas Valley Basin, Basin Optimization Yield Study Numerical Modeling Results, August 29, 2025

FOX CANYON GROUNDWATER MANAGEMENT AGENCY
LAS POSAS VALLEY WATERMASTER

MEMORANDUM

Date: **August 29, 2025**

To: **Las Posas Valley Watermaster Technical Advisory Committee**

From: **Kudzai F. Kaseke, Assistant Groundwater Manager**

Subject: **Committee Consultation on the Las Posas Valley Basin, Basin Optimization Yield Study Numerical Modeling Results.**

Dear Las Posas Valley Watermaster Technical Advisory Committee (TAC):

Watermaster is submitting this consultation request in response to the TAC's request for clarification regarding the Las Posas Valley Basin, Basin Optimization Yield Study Model Scenario Results in an email dated August 8, 2025. Dudek and Watermaster have provided revised files for your committee's review. Specifically, Watermaster is requesting TAC consultation following numerical modeling of the first two scenarios, the Baseline and Projects Scenarios, before conducting the Alternative Pumping Scenarios.

The BOYS schedule provides 21 days for TAC review and generation of a recommendation report to Watermaster on the numerical modelling results, however, the request for clarification and response impacted the original schedule set for TAC's review, due date August 26, 2025. As such, Watermaster recognizes the schedule impact and has extended the schedule to accommodate a full review by TAC consistent with the time allocated in the BOYS schedule, an extra 18 days for a due date of September 18, 2025.

The revised results of the numerical modeling of the Baseline and Projects Scenarios for the ELPMA and WLPMA can be accessed at the following link: BOYS Revised Modeling Results. Included for each scenario are the groundwater production at each well, timeseries of simulated head data at key wells and other locations, and total water budgets for the ELPMA, WLPMA, and boundaries with other basins.

Watermaster requests TAC recommendations on the revised model results, proposed methods for developing alternative pumping scenarios, and proposed methods for estimating the Basin Optimization Yield. TAC's recommendation report is due September 18, 2025.

Please contact me at 805-654-2010 or LPV.Watermaster@venturacounty.gov with any questions or concerns.