

FOX CANYON GROUNDWATER MANAGEMENT AGENCY

A STATE OF CALIFORNIA WATER AGENCY



BOARD OF DIRECTORS

Lynn E. Maulhardt, Chair, *Director, United Water Conservation District*
Charlotte Craven, Vice Chair, *Councilperson, City of Camarillo*
David Borchard, *Farmer, Agricultural Representative*
Steve Bennett, *Supervisor, County of Ventura*
Dr. Michael Kelley, *Director, Zone Mutual Water Company*

EXECUTIVE OFFICER
Jeff Pratt, P.E.

NOTICE OF MEETING

NOTICE IS HEREBY GIVEN that the Fox Canyon Groundwater Management Agency (FCGMA) will hold an **Executive Committee Meeting** from **2:00 p.m. to 4:00 p.m. on Friday, September 13, 2013** in the **Public Works Agency Conference Room 346, Third Floor** of the Ventura County Government Center, Hall of Administration Building, at **800 South Victoria Avenue, Ventura, California.**

FCGMA EXECUTIVE COMMITTEE MEETING AGENDA September 13, 2013

Members: Chair Lynn Maulhardt
Co-Chair Charlotte Craven

- A. Call to Order**
- B. Introductions**
- C. Public Comment** – Audience members may speak about FCGMA-related matters not on today's Agenda.
- D. Minutes** – Approve the minutes from the August 12, 2013 Executive Committee meeting.
- E. Consideration of Draft Policies for Transfers of Historic Allocations** – This item will continue the discussion on possible policy changes for Transfers of Historic Allocation. Discuss and provide feedback.
- F. Solano Verde Mutual Water Company Application for Transfer of Historic Allocation** – Follow up information will be provided by Agency staff and the applicant. Discuss and provide feedback.
- G. Adjourn the Executive Committee Meeting** – Adjourn until the next Executive Committee meeting, to be scheduled at a later date.

NOTICES

The FCGMA Board strives to conduct accessible, orderly, and fair meetings where everyone can be heard on the issues. The Board Chair will conduct the meeting and establish appropriate rules and time limitations for each item. The Board can only act on items designated as Action Items. Action items on the agenda are staff proposals and may be modified by the Board as a result of public comment or Board member input. Additional information about Board meeting procedures is included after the last agenda item.

Administrative Record: *Material presented as part of testimony will be made part of the Agency's record, and 10 copies should be left with the Board Clerk. This includes any photographs, slides, charts, diagrams, etc.*

ADA Accommodations: *Persons who require accommodation for any audio, visual, or other disability in order to review an agenda or to participate in the Board of Directors meeting per the Americans with Disabilities Act (ADA), may request such accommodation in writing addressed to the Clerk of the FCGMA Board, 800 So. Victoria Avenue, Location #1610, Ventura, CA 93009-1610, or via telephone by calling (805) 654-2014. Any such request should be made at least 48 hours prior to the meeting so staff can make the necessary arrangements.*

Availability of Complete Agenda Package: *A copy of the complete agenda package is available for examination at the FCGMA office during regular working hours (8:00 a.m. to 5:00 p.m. Monday through Friday) beginning five days before the Board meeting. Agenda packet contents are also posted on the FCGMA website as soon as possible, and left there for archival retrieval in case reference is needed on previously considered matters. Questions about specific items on the agenda should be directed to the Agency's Executive Officer.*

Continuance of Items: *The Board will endeavor to consider all matters listed on this agenda. However, time may not allow the Board to hear all matters listed. Matters not heard at this meeting may be carried over to the next Board meeting or to a future Board meeting. Participating individuals or parties will be notified of the rescheduling of their item prior to the meeting. Please contact the FCGMA staff to find out about rescheduled items.*

Electronic Information and Updates: *Our web site address is <http://www.fcgma.org>. Information available online includes the Board's meeting schedule, a list of the Board members and staff, general information, and various Agency forms. If you would like to speak to a staff member, please contact the FCGMA Clerk of the Board at (805) 654-2014.*

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MINUTES

Minutes of the Fox Canyon Groundwater Management Agency's (FCGMA) Executive Committee meeting held **Monday, August 12, 2013** in the Atlantic Conference Room at the Ventura County Government Center, Hall of Administration, 800 South Victoria Avenue, Ventura, California.

- A. Call to Order** – The meeting commenced at 2:02 p.m.
- B. Introductions** – In attendance were: (1) Lynn Maulhardt, FCGMA Executive Committee Chair; (2) Charlotte Craven, FCGMA Executive Committee Co-Chair; (3) Jeff Pratt, FCGMA Executive Officer; (4) Gerhardt Hubner, WPD, Deputy Director; (5) Rick Viergutz, Groundwater Manager; (6) Kathleen Riedel, Groundwater Specialist; (7) Jessica Rivera, FCGMA Interim Clerk of the Board; (8) Carol Schoen, Zone Mutual Water Company (ZONE); (9) John Mathews, Pleasant Valley County Water District (PVCWD); (10) Robert Eranio, Crestview Mutual Water Company (CMWC) and Chair of the Las Posas Users Group (LPUG); (11) Ian Prichard, Camrosa Water District; (12) Henry Graumlich, Calleguas Municipal Water District (CMWD); (13) Bryan Bondy, CMWD; (14) Dave Souza, PVCWD; (15) Daryl Smith, grower; (16) Bill Miller, grower; and (17) Eric Keller, Ventura County Waterworks District (VCWWD).

C. Public Comments – Chair Maulhardt congratulated Mr. Robert Eranio on his recent wedding.

D. Meeting Minutes

The Executive Committee approved the minutes from the May 30, 2013 meeting.

E. Solano Verde Mutual Water Company Application for Transfer of Historic Allocation

Ms. Kathleen Riedel, Groundwater Specialist, provided a presentation on the subject application for transfer of Historical Allocation (HA). She reviewed: (1) the Agency's Ordinance Code; (2) policy implications; and (3) details of the request, which included the gross value of the HA transfer being requested (145.001 acre-feet). She supplied background on both Solano Verde and Crestview Mutual Water Companies; and provided options for the Committee to consider, including: (1) granting the transfer as requested; (2) conditionally granting the transfer; (3) not granting the transfer, requiring the HA to be assigned to the water purveyor that provides water to Solano Verde's customers; or (4) grant the transfer with the condition that efficiency allocation would not be available to parcels once served by Solano Verde.

Mr. Robert Eranio clarified what was being presented was the full historical allocation and not the net value. Chair Maulhardt inquired what the net HA was and Mr. Eranio responded the net HA would be 108.751 acre-feet (AF).

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Website: www.fcgma.org

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In addition, Mr. Eranio commented Ms. Riedel's presentation indicated Solano Verde provided water for 15 domestic connections and 38 agricultural connections; however, he requested clarification as he believed the number of connections in total was 38 (15 domestic and approximately 23 agricultural connections). Mr. Jeff Pratt, Executive Officer, responded Agency staff would review for clarification.

Discussions ensued concerning expansion of use, how it applied to Solano Verde, recent LPUG meetings held to review expansion of use concerns, and how the Agency would handle a request to have the HA transferred back to the original party. Chair Maulhardt commented his three concerns were: (1) the ramifications of a Municipal & Industrial (M&I) transfer going to a third party; (2) issues concerning the Pumping Trough Pipeline (PTP) system; and (3) ramifications of a "divorce" policy, or "unwind" agreement, which would allow parties involved to separate from the transfer agreement once it was approved. Chair Maulhardt requested Agency staff confer with Agency Counsel as to whether parties have surrendered their water rights in perpetuity.

Deliberations continued regarding the concept of an "unwind" agreement, noting the mutual water companies would have to give consent to the Agency to "reach in-to" their companies to review such requests.

Chair Maulhardt continued that a more detailed analysis would be required to discuss further, and tasked Mr. Eranio with obtaining the data and supplying the data to Agency staff for review. In addition, Chair Maulhardt commented with regards to the legal issues, the Agency would need to have some kind of "unwind" mechanism in place, and both original parties would have to agree with the "unwind" process.

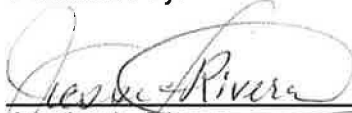
Ms. Carol Schoen commented mutual water companies should look into their bi-laws to process any "unwind" requests. She noted ZONE has had issues with this in the past, and they have not allowed this because ZONE was still a backup water source to the parties involved.

Chair Maulhardt concluded the meeting requesting an Executive Committee meeting be scheduled in September 2013 for further review of the subject matter.

F. Adjourn the Executive Committee Meeting

Chair Maulhardt adjourned the Executive Committee meeting at 3:19 p.m.

Submitted by:



Jessica L. Rivera
FCGMA Interim Clerk of the Board

**Executive Committee Meeting
September 13, 2013**

SUBJECT: Consideration of a Draft Policy for HA transfers

Specific Request

Staff is seeking direction from the Board on how to process requests for Transfers of Historical Allocation (HA). Staff requests feedback on a draft Transfer of HA policy.

Background:

The Ordinance Code allows Historical Extraction Allocations to be transferred under certain conditions. HA transfers can be temporary, or permanent. They are accompanied by jointly signed requests. Transfers are to be equitable.

In the past, HA transfers have been made for various reasons, such as to allow well operators to avoid paying surcharges. Past rationale for approving transfers included that pumping would be moved from an area that is difficult to recharge to areas that are more readily recharged, or that moving allocation from one area reduced credit accumulation in that area.

More recently, as part of the Agency's well permitting in the Las Posas Basins, the Las Posas Users Group (LPUG) requested that the Fox Canyon Groundwater Management Agency (Agency) examine policies regarding the transfer of HA. This request was brought to the Board's attention at the April 24, 2013 Board Meeting. Agency rules allow agricultural well owners to install a well and extract groundwater using an Efficiency Allocation, even though their parcel may have a history of being served by a water supplier which may have developed HA on that parcel. In this scenario, there is a potential for creating "new allocation" if the water supplier keeps the HA and can use it elsewhere which may lead to increased pumping.

On May 30, 2013, a water purveyor (Solano Verde) submitted a request to have all Historical Allocation (developed by serving 50 parcels) transferred to Crestview Mutual Water Company. If the transfer is approved as requested, the HA will be permanently removed from Solano Verde and provided to Crestview. Solano Verde customers would be served by the County Waterworks District.

On July 24, 2013, Agency staff presented a Board letter to the Board describing two new well permits in the Pleasant Valley Basin. We described that one well permit was a replacement to a well with a HA, and the other well is a new well that would be allocated water under an efficiency allocation. Both well sites were served by Pleasant Valley County Water District. Agency staff did not determine if Pleasant Valley earned any of its HA by serving these particular parcels. If that would have been determined, a potential opportunity to transfer that HA to the new well owner could exist, potentially mitigating any unnecessary creation of new allocation.

In July 25, 2013, LPUG submitted via e-mail a draft change to the Ordinance Code that would require the Board to consider whether HA held by a water supplier should be transferred to a new well owner when the water supplier discontinues service to the parcel on which the new well is located.

Recently Agency staff was approached by another well operator seeking to transfer the HA from a well to a City. In this case the well serves agricultural land and a school. Like the Solano Verde to Crestview proposal, HA would be removed, but the demand on the parcels remain.

Because these scenarios have groundwater resource and policy implications not addressed under the current Ordinance Code, revised policy need to be considered. Agency staff is seeking direction on how or if to approve requests of this type.

Terminology

Water supplier 1 (e.g. Solano Verde) traditionally supplies area 1 with water under its HA.

Water supplier 2 (e.g. Crestview Mutual Water Company) supplies area 2, with water under its HA.

Water Supplier means: Water Purveyor, Retailer, Mutual, Well Owner, etc.

Policy Implications

1. If water supplier 1 requests the transfer of HA used for area 1 to water supplier 2, but water supplier 2 will not supply area 1, should the FCGMA approve the transfer and under what conditions?
2. If a third party, water supplier 3 (e.g. County Waterworks District), steps in to supply area 1, should the FCGMA transfer water supplier 1s HA to water supplier 3?
3. If a water user in area 1 desires to install a water well, should the FCGMA transfer a prorated portion area 1s HA back to the water user from either water supplier 2 or water supplier 3?

Options:

- a) Permanently Transfer the HA as requested.
- b) Permanently Transfer the HA as requested but do not allow an efficiency allocation be used on parcels once served by Water supplier 1.
- c) Leave the HA on the Water supplier 1 well group, deny the request, but when a new Water supplier (water supplier 3) serves the water supplier 1 customers, transfer the HA to Water supplier 3. Require at the time of the transfer, the *HA per parcel or acre* be recorded for the Water supplier 1 customers and, if they install a private well, the recorded HA for that parcel be transferred back to them from Water supplier 3.
- d) Eliminate the HA.
- e) Conditionally Transfer the HA to Water supplier 2. Require at the time of transfer, the *HA per parcel or acre* be recorded for Water supplier 1 customers and, if they install a private well, the recorded HA per parcel be transferred back to them from Water supplier 2.

Possible Administrative Steps

Applicant Responsibility

- a) Prior to any transfer of allocation applicant conducts a study or analysis and designates the *HA per parcel or acre*.
 - a. Method to pro rate HA determined by water supplier?
 - b. Method to pro rate HA determined by FCGMA?
- b) Applicant performs environmental analysis including but not limited to effect of HA transfer on aquifer, aquifer systems, and consistency with policies.
- c) Applicant identifies any parcels that have previously been assigned baseline allocations

Agency Responsibility

- a) Board approves the *HA per parcel or acre*.
- b) Transfer of HA is discretionary and may be permanent or temporary. Board considers:
 - a. If Water supplier 1 (HA provider) water demand is eliminated or remains.
 - b. If Water supplier 1 (HA recipient) water demand is increasing or decreasing.
 - c. CEQA?
 - d. Need for Applicants to monitor impact and deploy contingency plans?
 - e. An “unwind” provision that may be deployed in the future to return HA back to “area 1.”
- c) For well permits, Agency uses the *HA per parcel or acre* previously approved and makes the transfer to the new well owner (policy to be determined- but would be from water supplier 2 or water supplier 3).
 - a. Policy may or may not require elimination of existing water supplier connection

Discussion of Ideas for Draft Policy M&I to M&I Transfer of Historical Allocation



Kathleen Riedel, P.G., C.E.G.
Groundwater Specialist
Watershed Protection District

Draft Policy Ideas

- Grant HA transfer on the condition receiver will transfer HA to party served during 1985 to 1989 when a new well is drilled.
- Grant transfer with condition that efficiency allocation will not be available.
- Delete historical allocation associated with M&I Operator's destroyed wells when the M&I Operator shuts down operations.
- Transfer HA to the replacement water purveyor

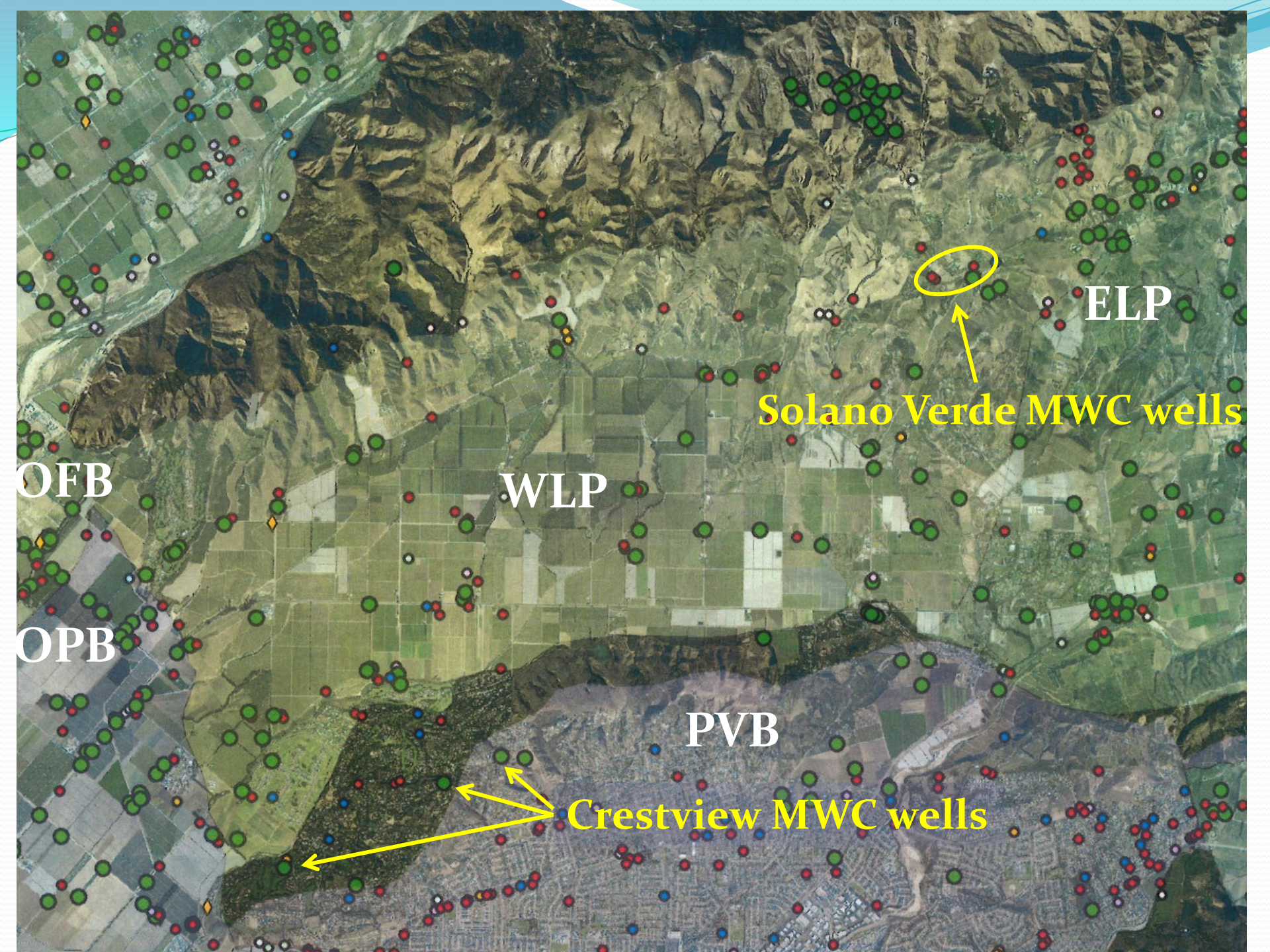
Applicable Ordinance Code Section

Sections 5.3.2., 5.3.4. and 5.3.5. provide for allocation to be transferred between M&I extraction facilities provided there is no net detriment to the aquifer system and it is equitable.

In making this determination at a minimum the following is to be considered:

- the location of extraction facilities;
- the aquifer system being used;
- groundwater quality impacts of the transfer; and
- overall assessment of cumulative impacts.

- 
- insert table RE past M&I transfers



ELP

Solano Verde MWC wells

OFB

WLP

OPB

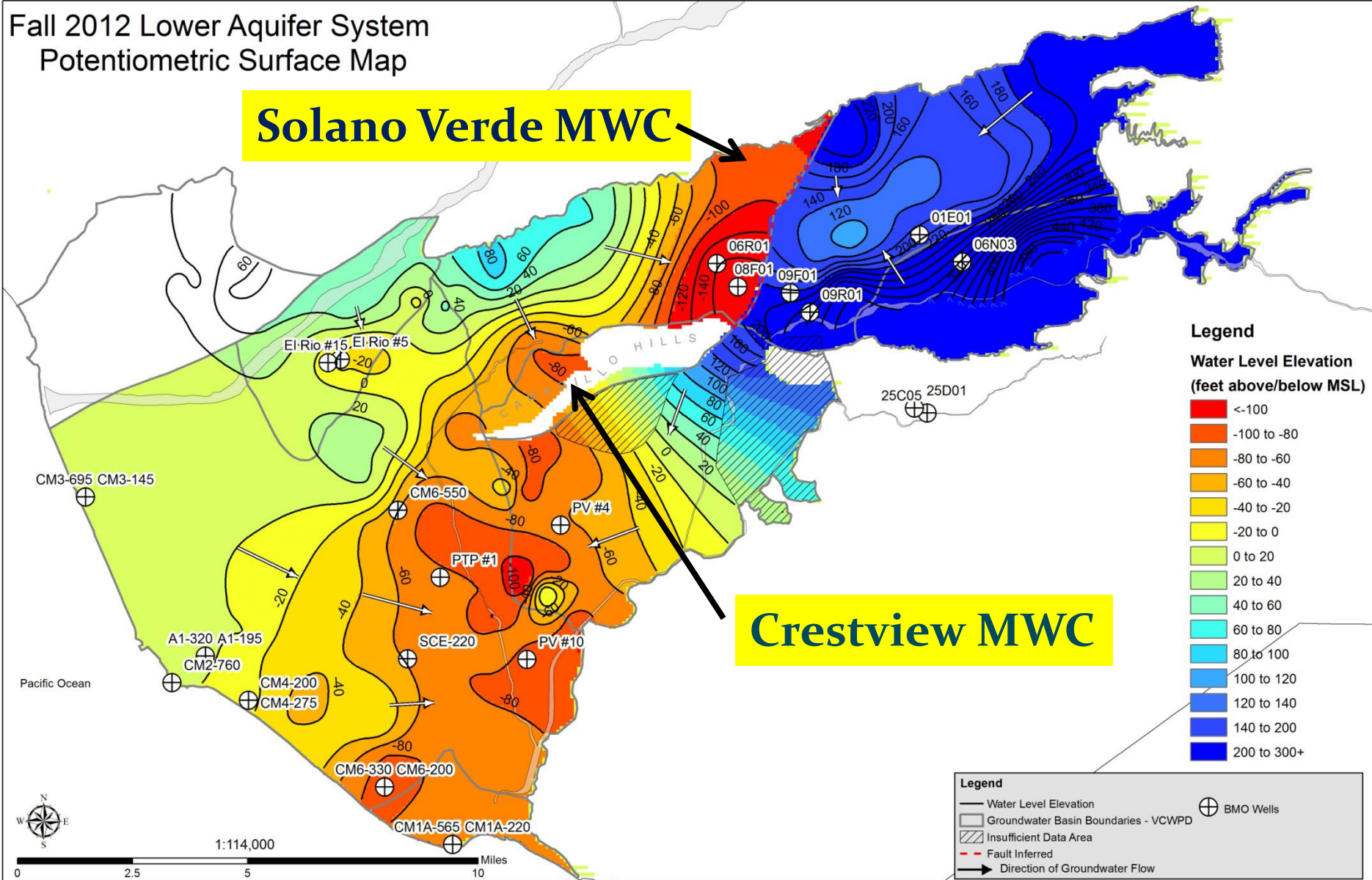
PVB

Crestview MWC wells

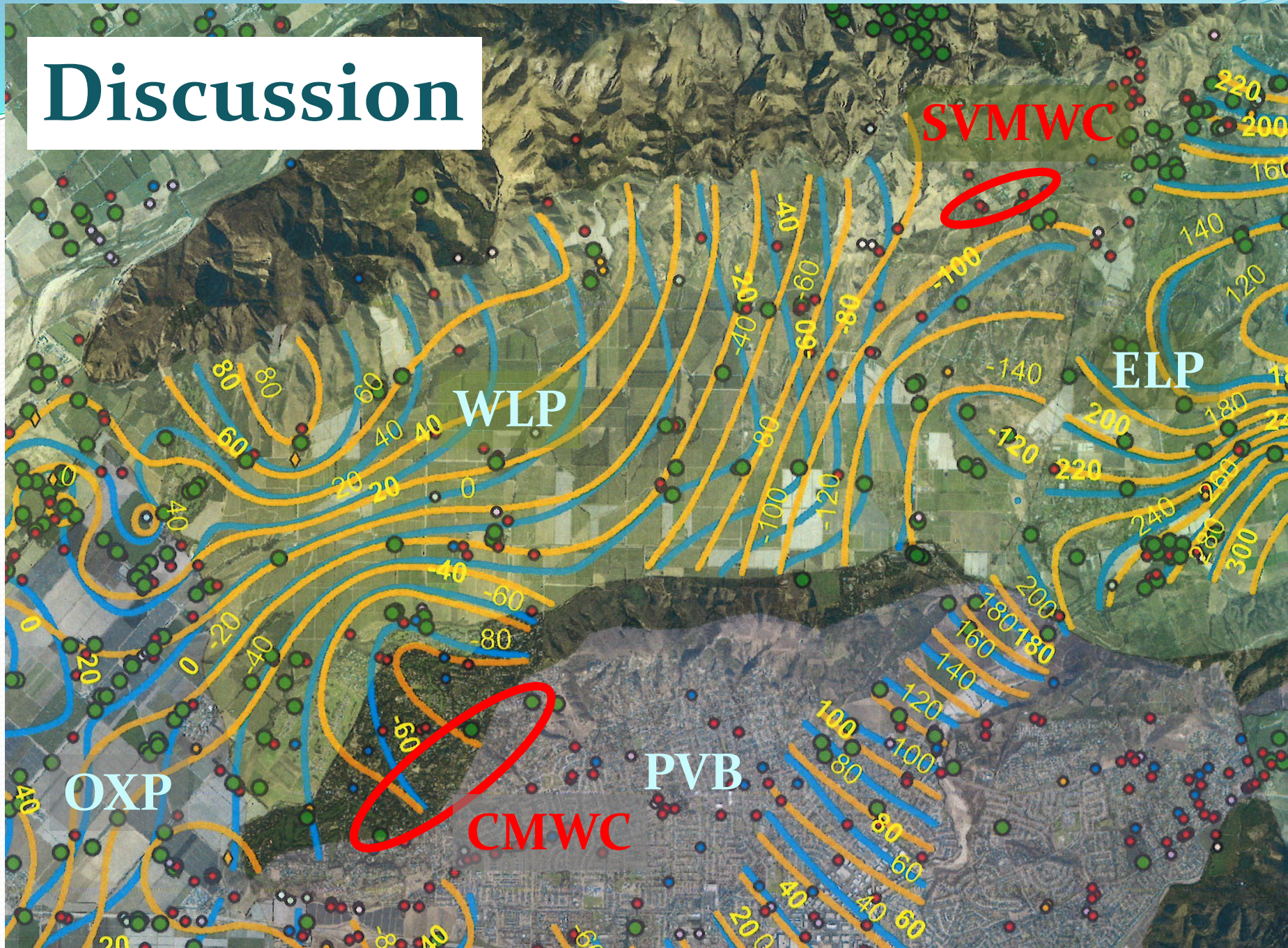
Fall 2012 Lower Aquifer System Potentiometric Surface Map

Solano Verde MWC

Crestview MWC



Discussion



Policy Implications

- Should an Operator be allowed to transfer all of their Historical Allocation, leaving the Operator with no future / or clearly inadequate groundwater allocation to meet potential future demand?
- Should the Allocation go to the water purveyor upon annexation?
- Should the receiving water purveyor receiving historical allocation be required to return that Allocation if a new well owner separates from the water purveyor?

Discussion

- Concern expressed regarding expansion of use, that new wells are being drilled on parcels that were provided water during the period 1985 to 1989, yet the HA developed based on water provided to the parcel is not being transferred to the new well owner.
- Granting such an allocation transfer would be inconsistent with the expressed desire to limit expansion of use and the potential for “double dipping”.

Discussion

- A similar situation may exist with UWCD and its PTP customers.
- The intent of with the completion of the PTP system, was the abandonment of private wells as operators become customers of UWCD and services.
- With that well abandonment there should have been a transfer of allocation to UWCD. That never occurred.

Options:

- Keep current policy.
- Grant transfer on the condition receiver will transfer HA to party served during 1985 to 1989 when a new well is drilled.
- Grant transfer with condition that efficiency allocation will not be available.
- Delete historical allocation associated with M&I Operator's destroyed wells when the M&I Operator shuts down operations.
- Transfer HA to the replacement water purveyor

Consideration of Draft Policies for Transfers of Historic Allocations

Executive Committee Meeting
September 13, 2013



Rick Viergutz, CEG
Groundwater Manager
FCGMA

Introduction

- The following was discussed at the last Executive Committee Meeting :
 - A specific request for a transfer of historic extraction allocation.
 - Policy ideas
- Your committee provided direction to staff to follow up on some issues, including:
 - Past Transfers of HA
 - Pumping Trough Pipeline issues

Introduction

- Transfer of HA issues can be complex and your committee raised policy issues at the last meeting.
- Seeking to respond with a broader context staff prepared the 2 ½ page “Consideration of a Draft Policy for HA transfers”
- This presentation will:
 - Review that draft policy, and,
 - Provide follow up specific issues from the last meeting re past Transfers of HA, and the Pumping Trough Pipeline

Background

- Why does the Agency require approval of Transfers of HA?
 - The transfers incentivize or restrict groundwater extractions.
 - Moving HA causes changes in pumping, changes in pumping may affect the aquifer.
 - The transfers can incentivize or restrict credit accumulation.
 - The O.C. rules regarding transfers are lengthy, but not highly specific, so its makes sense to have the Board approve such transfers.

Recent HA Transfer Issues

1. LPUG comments and concerns regarding expansion of use in the Las Posas Basins.
 - LPUG, seeing expansion of use by creation of new “efficiency only” allocation within water supplier service areas, asks if HA from the water supplier should be transferred to the new well owner.
 - Doing so may somewhat mitigate expansion of use.
 - LPUG proposed O.C. language to require the Board consider transferring HA to new well owners from Water suppliers.
 - Staff have reviewed their proposed O.C. language and will brief the Executive Committee at a later date.
2. Request from Solano Verde and Crestview Mutual Water Company

Policy Implications

- Should an Operator be allowed to transfer all of their Historical Allocation, leaving the Operator with no future / or clearly inadequate groundwater allocation to meet potential future demand?
- Should the Allocation go to the water purveyor upon annexation?
- Should the receiving water purveyor receiving historical allocation be required to return that Allocation if a new well owner separates from the water purveyor?

Options:

- Grant HA transfer as requested.
- Conditionally grant the HA transfer to CMWC. Require the HA per acre be recorded for the Solano Verde customers, and provided back to them from CMWC if they install a private well.
- Do not grant the HA transfer. Require the remaining HA to be assigned to the water purveyor which provides water to the Solano Verde customers, where it could be prorated back if they install a private well and /or decrease the fees charged for the water that the customers are provided.
- Grant the HA transfer with the condition that an efficiency allocation is not available to parcels once served by Solano Verde.

Consideration of Draft Policies for Transfers of Historic Allocations

Executive Committee Meeting
September 13, 2013



Rick Viergutz, CEG
Groundwater Manager
FCGMA

Introduction

- The following was discussed at the last Executive Committee Meeting :
 - A specific request for a transfer of historic extraction allocation.
 - Current policies, policy implications, and policy ideas.
- Your committee provided direction to staff to follow up on some issues, including:
 - Past Transfers of HA
 - Pumping Trough Pipeline issues

Introduction

- Seeking to respond with a broader context staff prepared the 2 ½ page “Consideration of a Draft Policy for HA transfers”
- This presentation will:
 - Provide some draft policy options, and,
 - Provide follow up re past Transfers of HA, and the Pumping Trough Pipeline

Background-LPUG

- April 24, 2013, LPUG comments and concerns regarding expansion of use in the Las Posas Basins.
- LPUG, seeing expansion of use by creation of new “efficiency only” allocation within water supplier service areas, but without the HA from the water supplier being transferred to the new well owner.
- LPUG suggests that HA transfers should be made.
- Doing so may somewhat mitigate expansion of use.

Background-LPUG

- July 25, 2013, LPUG submitted draft O.C. revision. Require Board to consider if HA held by a water supplier should be transferred to a new well owner when the water supplier discontinues/reduces service to the parcel on which the well is located.
- Agency staff has reviewed. This item can be discussed in more detail at subsequent Executive Committee meeting.

Background-SVMWC/Crestview MWC

- May 30, 2013, Solano Verde Mutual Water Company and Crestview Mutual Water Company submitted a joint request to transfer 100% of Solano's HA to Crestview.
 - This request is unusual as Solano would not be served by Crestview, but it would provide its HA to Crestview.
 - Solano would be served by the Waterworks District under its HA plus credits plus imported water.
 - The Waterworks District would be a third party to the agreement.

Background-PV Basin/PVCWD

- On July 24, 2013 Agency staff presented a Board item regarding two well permits in the PV Basin.
- Both well sites were served water by Pleasant Valley County Water District (PVCWD) under its allocation.
- One of the new well sites would operate only under an efficiency allocation.

Background-PV Basin/PVCWD

- Agency staff did not determine if PVCWD determined any of its HA serving these parcels.
- If that would have been determined, a potential opportunity to transfer that HA to the new well owner could exist, potentially mitigating any unnecessary creation of new allocation.
- Such a Transfer of HA appears to be similar to what LPUG is proposing.

Background-City of Oxnard

- Recently Agency staff was approached by a representative of well owner that wished to sell the HA on an active agricultural well to City of Oxnard.
- Like the proposed Solano to Crestview, the HA would be removed but the water demand remains.
- Replacing the water supply would require the city install a pipeline to the area.

Policy Implications (from previous meeting)

- Should an Operator be allowed to transfer all of their Historical Allocation, leaving the Operator with no future/ or clearly inadequate groundwater allocation to meet potential future demand?
- Should the Allocation go to the water purveyor upon annexation?
- Should the receiving water purveyor receiving historical allocation be required to return that Allocation if a new well owner separates from the water purveyor?

Discussion Terminology

- Water supplier 1 traditionally supplies area 1 with water under its HA.
- Water supplier 2 traditionally supplies area 2 with water under its HA.
- Water supplier means: Water purveyor, Retailer, Mutual, Well Owner, etc.

Policy Implications

1. If water supplier 1 requests the transfer of HA used for area 1 to water supplier 2, but water supplier 2 will not supply area 1, should the FCGMA approve the transfer and under what conditions?

Policy Implications

2. If a third party, Water supplier 3 steps in to supply area 1, should the FCGMA transfer Water supplier 1's HA to Water supplier 3?

Policy Implications

3. If a new well owner in area 1 desires to install a water well, should the FCGMA transfer a prorated portion of area 1s HA back to the new well owner? It would come from water supplier 2 or water supplier 3.

Options

- a) Permanently Transfer the HA as requested.
- b) Permanently Transfer the HA as requested but do not allow an efficiency allocation be used on parcels once served by Water supplier 1.

Options

- c) Do not make the transfer. Leave HA on the Water supplier 1 well group. When a new Water supplier serves the Water supplier 1 customers, make HA transfer to the new water supplier. (*allocation moves to the replacement water supplier and back to Ws1 if necessary*)

Options

- d) Eliminate the HA
- e) Conditionally Transfer the HA to Water supplier 2.

This could require an “unwind” approach to minimize expansion of use. At the time of transfer, the HA per parcel or acre would need to be recorded for Water supplier 1 customers. If they install a private well, the recorded HA would be transferred back to them. *(allocation moves to an unconnected/unrelated water supplier and back to Ws1 if needed)*

Possible Administrative Steps for “Unwind”

- Applicant Responsibility
 - Conduct a study of HA per Acre /divide HA among parcels served during base period.
 - Perform environmental analysis
 - Identify any parcels previously assigned baseline

Possible Administrative Steps for “Unwind”

- Agency Responsibility
 - Board approves the Study of HA per acre or parcels.
 - Transfer of HA may be permanent or temporary
 - Is Ws1 demand eliminated?
 - Is WS2 or 3 demand increasing?
 - CEQA?
 - Monitoring and contingency plans?
 - Workable unwind provision may be in place.

Possible Administrative Steps for “Unwind”

- Agency Responsibility (cont.)
 - For well permits, Agency uses previously approved HA per acre or parcel and makes the transfer.
 - May not require elimination of water supplier connection

Follow up re Pumping Trough Pipeline

- UWCD does not have sufficient allocation every year.
- No HA or Credit Transfer process implemented.
- UAS water levels recovered some.
- Some wells destroyed/many still used.

- FCMGA recently analyzed data:
- 2010-1 through 2013-1: ~4,300 AF reported pumped for the 3 year period.
- ~40 wells Active, AHA of 40 wells is ~5,850 AF

Follow up re HA Transfers

Permanent Historical Allocation Transfers

Type	# of Transfers	Amount (AF/yr) (total)	From	To	% of HA	Number of Parties
To Water Supplier	1	225.022	BC-INC1	ZONE		2
To Water Supplier	1	160.046	LEWIS/NERIO	ZONE		2
To Water Supplier	1	20.00	WR-DUG	WWD-1		2
Ag to M&I	57	7263.67	various	OXN		2
Ag to M&I	5	1024.54	various	CAM		2
Ag to M&I	1	474.00		CAM-DT		2
HA to Baseline	1	20.00	BBWA			1
New Operator *	1	311.308	SWFT-2	SWFT-3		2
Same Owner	1	37.88	SCC-AG	SCC-CEM	60.24	1
M&I to M&I	1	35.68	SAMWC	VTA-SCC	100	2
M&I to M&I	2	35.00	SOLANO	VTA-SCC	15.10	2
M&I to M&I	1	51.793	SOLANO	VTA-SCC	26.32	2
M&I to M&I	1	1333	Ferro Rose	OXN		2
Transfer Ownership**	1	866.62	VULCAN	UWCD	86.67	2
Same Owner	1	37.00	GRIMES	STATE	23.07	1

Notes: *Same well different operator.

**Ferro Rose purchase agreement

Follow up re HA Transfers

Permanent Historical Allocation Transfers

Type	# of Transfers	Amount (AF/yr) (total)	From	To	% of HA	Number of Parties
To Water Supplier	1	225.022	BC-INC1	ZONE		2
To Water Supplier	1	160.046	LEWIS/NERIO	ZONE		2
To Water Supplier	1	20.00	WR-DUG	WWD-1		2
Ag to M&I	57	7263.67	various	OXN		2
Ag to M&I	5	1024.54	various	CAM		2
Ag to M&I	1	474.00		CAM-DT		2
HA to Baseline	1	20.00	BBWA			1
New Operator *	1	311.308	SWFT-2	SWFT-3		2
Same Owner	1	37.88	SCC-AG	SCC-CEM	60.24	1
M&I to M&I	1	35.68	SAMWC	VTA-SCC	100	2
M&I to M&I	2	35.00	SOLANO	VTA-SCC	15.10	2
M&I to M&I	1	51.793	SOLANO	VTA-SCC	26.32	2
M&I to M&I	1	1333	Ferro Rose	OXN		2
Transfer Ownership**	1	866.62	VULCAN	UWCD	86.67	2
Same Owner	1	37.00	GRIMES	STATE	23.07	1

Notes: *Same well different operator.

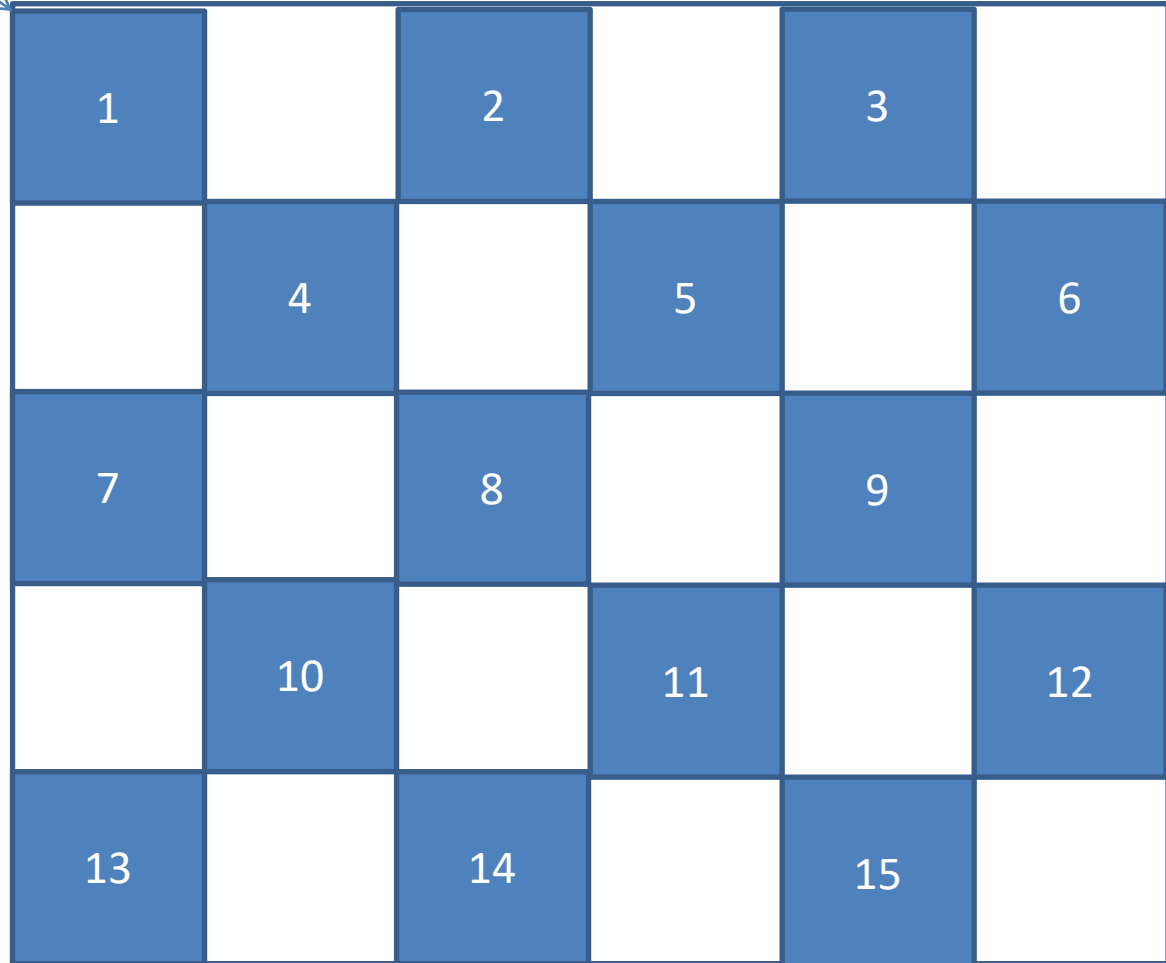
**Ferro Rose purchase agreement

Specific Request

- Staff is seeking direction from the Board on how to process requests for Transfers of Historical Allocation.
- Staff requests feedback on a draft Transfer of HA policy.

Ag Mutual on HA

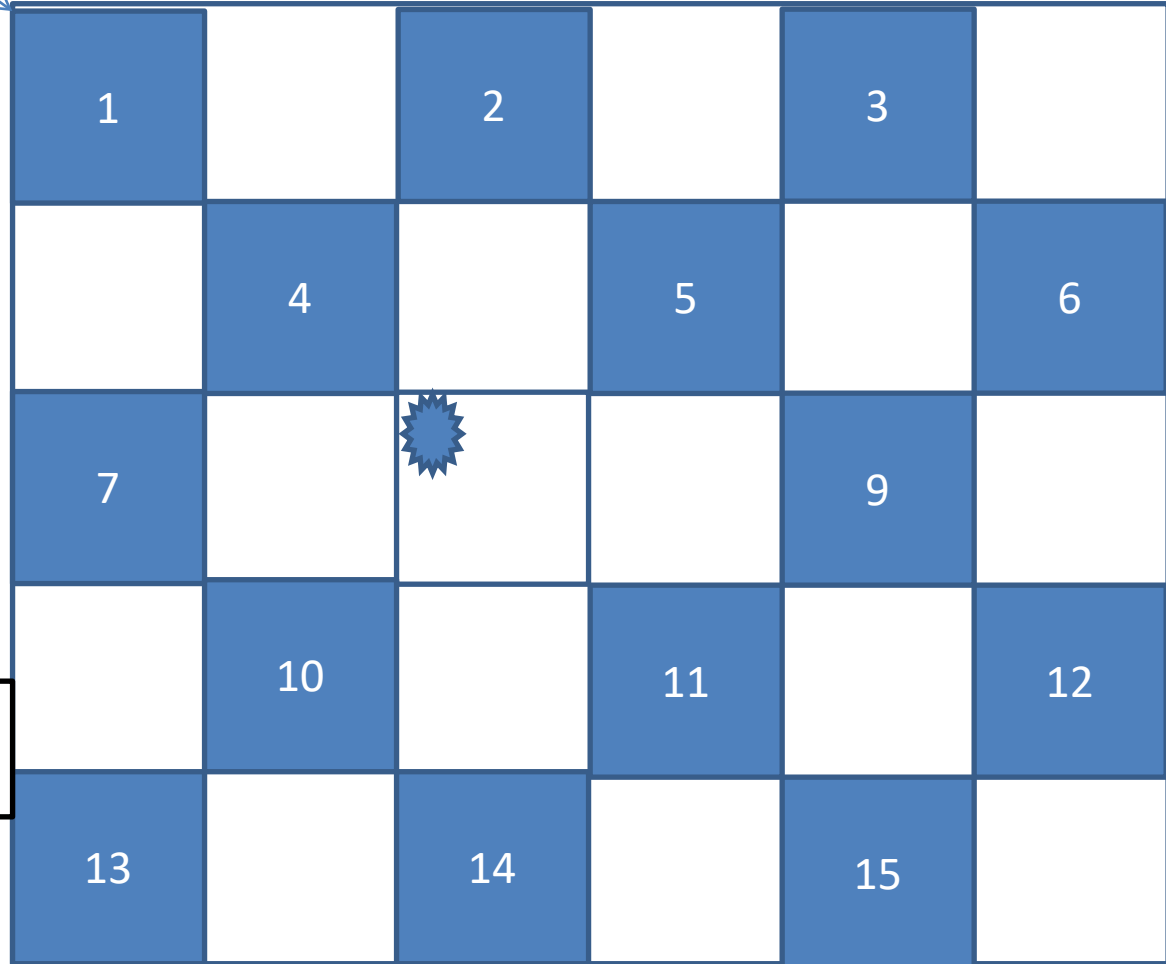
Ag Well



Total Ag pumping
= 15.0 Af/ Yr

Ag Mutual on HA

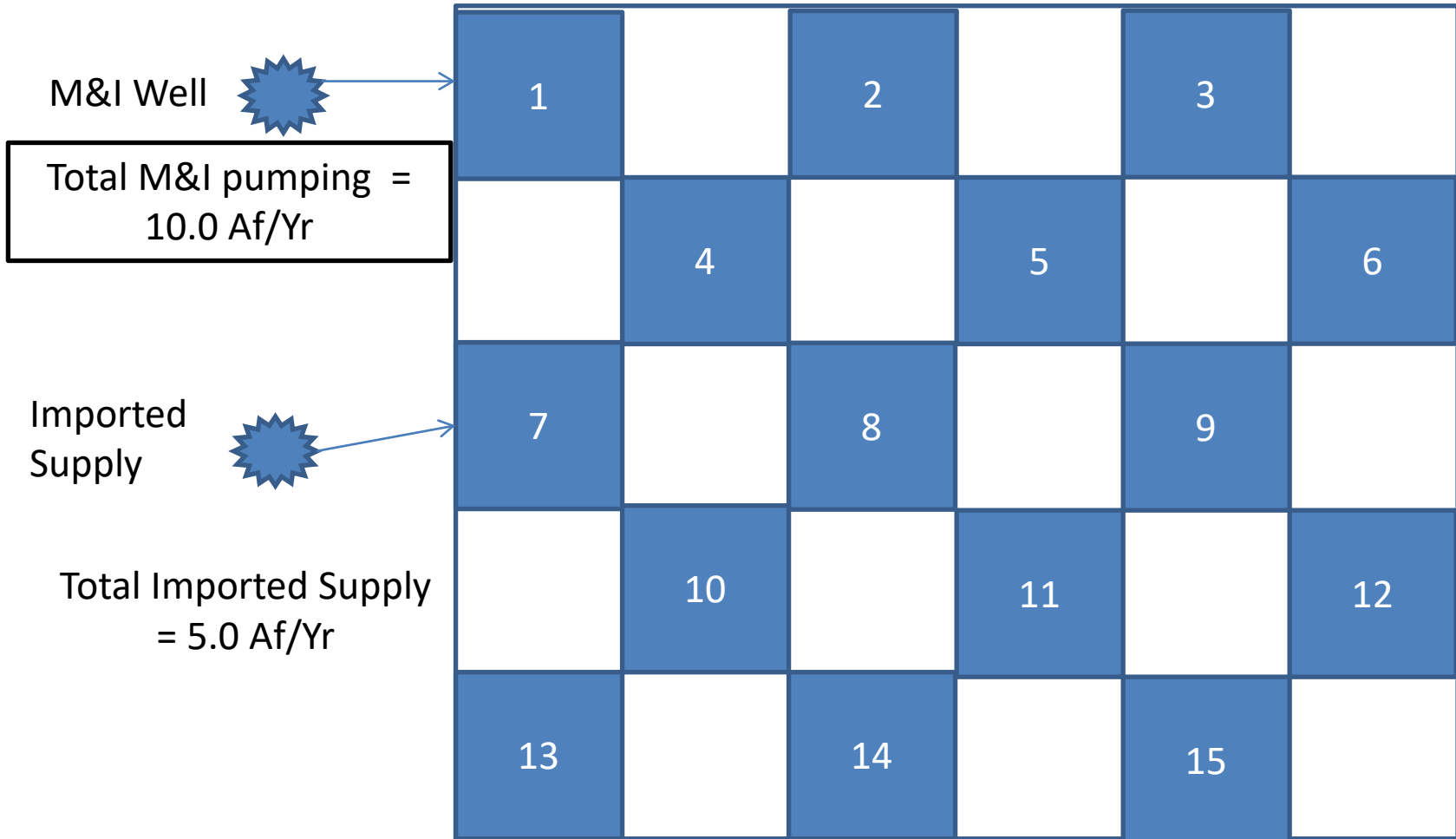
Ag Well



#8 Drills new well,
stops taking water
from Mutual

Total Ag pumping =
14.0 Af/ Yr

M&I Pumper on HA



M&I Pumper on HA

