

# 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 **3:00 p.m. to 5:00 p.m.** on **Thursday, May 30, 2013** in the **Atlantic Conference Room**, Main Plaza Level of the Ventura County Government Center, Hall of Administration Building, at **800 South Victoria Avenue, Ventura, California**.

## FCGMA EXECUTIVE COMMITTEE MEETING AGENDA May 30, 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 May 7, 2013 Executive Committee meeting.
- E. City of Oxnard's Groundwater Recovery Enhancement and Treatment (GREAT) Project Review** – Discuss and provide feedback regarding the City of Oxnard's GREAT project and proposed FCGMA Resolution.
- F. 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.*

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**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.*

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**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.*

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**Electronic Information and Updates:** *Our web site addresses are [www.foxcanyongma.org](http://www.foxcanyongma.org) (for weather station data) or <http://www.fcgma.org> (for home page information). Information available online includes the Board's meeting schedule, a list of the Board members and staff, weather station data, 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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## EXECUTIVE OFFICER

**Jeff Pratt, P.E.**

## MINUTES

Minutes of the Fox Canyon Groundwater Management Agency's (FCGMA) Executive Committee meeting held **Tuesday, May 7, 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 2:00 p.m.
- B. Introductions** – In attendance were: (1) Lynn Maulhardt, FCGMA Executive Committee Chair; (2) Charlotte Craven, FCGMA Executive Committee Co-Chair; (3) Neal Andrews, FCGMA Executive Committee Alternate; (4) Gerhardt Hubner, WPD, Deputy Director; (5) Alberto Boada, Agency Counsel; (6) Jessica Rivera, FCGMA Staff; (7) Susan Mulligan, Calleguas Municipal Water District (CMWD); (8) Robert Eranio, Crestview Mutual Water Company (CMWC) and Chair of Las Posas Users Group (LPUG); (9) Dave Souza, Pleasant Valley County Water District (PVCWD); (10) Bob Krimmer, PVCWD; (11) John Mathews, (12) Ian Prichard, Camrosa; (13) Bill Miller, grower; (14) Daryl L. Smith, grower; (15) Rob Saperstein, representing City of Oxnard; (16) Jurgen Gramckow, Southland Sod Farms; (17) Carol Schoen, Zone Mutual Water Company; (18) Steve Bachman, United Water Conservation District (UWCD); and (19) Tony Emmert, City of Oxnard.

**C. Public Comments** – None.

**D. Meeting Minutes**

The Executive Committee approved the minutes from the April 9, 2013 Executive Committee meeting.

**E. City of Oxnard's Groundwater Recovery Enhancement and Treatment (GREAT) Project Review**

Mr. Gerhardt Hubner, WPD, Deputy Director, gave a presentation update on the recent progress made with the development of the Draft Resolution for the City of Oxnard's GREAT Program. He reviewed changes made to the original Draft Resolution presented at the April 9, 2013 meeting, as well as issues that arose during that meeting.

Discussions ensued concerning caps and pump backs. Comments included: the opposition of imposing "hard" numbers in the Resolution; concerns of possible limitations on future transfers; and concerns of reporting the amount of credits currently on the books for UWCD, as it could imply this was the only M&I available for Calleguas. After a brief discussion, it was agreed the statement in one Finding reporting UWCD's current credits would be removed from the Resolution.

Mr. Saperstein noted the first line of Provision No. 21 would be changed to specify that it applied to the RW and Supplemental M&I Programs, and Chair Maulhardt agreed.

Mr. Hubner continued with his presentation reviewing key Provisions in the Draft Resolution, which included: (1) Provision No. 3 – Language added to reflect UWCD, in consultation with the GMA, had the final determination of Recycled Water Program Agreement (RWPA) use and the Coordination meetings would be held each year during the first week of May; and (2) Provision No. 4 – An Annual Report would be due each year on April 1<sup>st</sup>.

Co-Chair Craven noted in Provision No. 7, page 4 of 6, she would like it revised to be: "The volume of water available to PVCWD has been and may continue to..."

Concerns regarding Provision No. 15 and whether the accrual period and maximum accrual amount "may" be extended, or "shall" be extended were discussed. Mr. Hubner noted the term "may" allowed for discretion, while the term "shall" locked in the extension. Mr. Boada commented if "shall" was chosen, extensions would be automatic leaving it "open-ended". In addition, Mr. Boada reported the term "section", in Provision No. 15, should be changed to "Resolution".

Co-Chair Craven reported if the term "shall" was not chosen, then a decision needed to be made as to who would decide if/when accruals "may" be extended. Chair Maulhardt agreed, adding he didn't like the term "shall" and reiterated the need to decide who would be the responsible party for determining cases, if the Committee decided to proceed with the term "may". Co-Chair Craven suggested adding "...as determined by Agency Board..." to Provision No. 15.

Discussions continued, reviewing options of credits and pumping above the cap, as well as the "rolling sunset" of credits currently in the Draft Resolution. Chair Maulhardt stated he was not opposed to an increase in pumping; however, he would not allow it to occur without having a decision-mechanism in place.

Mr. Saperstein proposed using the Coordination Meeting group to review possible extensions. In addition, Mr. Hubner suggested to leave sun-setting "as-is", but have it tie back to the Coordination meetings, which would then go to the UWCD/GMA Board for review, if needed.

Chair Maulhardt commented the term "may" was too permissive and the term "shall" was too restrictive, and that a modification was needed in the wording. Mr. Saperstein commented the reason to use the term "shall" was there would be no discretion in the time they could pump; only discretion as to the amount that could be pumped.

The discussions continued in further detail before ultimately settling on the agreement that they shall accrue unused pumping. Any amount above 5,000 AF would need to be approved by the Coordination meeting group; and, if a decision was not reached there, UWCD (in consultation with the GMA) would make the final determination.

Mr. Boada commented the time allowance was to keep credits from accumulating up to and beyond the cap, and further cautioned that there may be the perception that there was a lack of a cap in place. Chair Maulhardt understood.

Mr. Saperstein commented the GREAT Program was a 10 year plan, with the option to review and revise as necessary. He continued that, currently, 5,000 AF was the target; however, the idea



was to be able to use current, real-time hydrologic data to see what could actually be pumped, which current conditions were showing up to 8,000 AF.

Mr. Saperstein reported he would work on merging Provision No. 3, 15 and 21 into one Provision; and will circulate the revised document for review. These revisions included: (1) removing the 60 month expiration period and 25,000 AF cap from Provision No. 15; and (2) adding language to Provision No. 3 to note each year the Coordination meeting group would determine the amount of water that could be pumped within that year, up to 8,000 AF.

Before the item could be finalized to present at the May 22, 2013 FCGMA Board meeting, Mr. Saperstein reported the Monitoring Plan needed to be completed, as it was attachment A to the Resolution. In addition, Mr. Hubner made mention of California Environmental Quality Act (CEQA) concerns, and Chair Maulhardt stated they needed to ensure the data concurred with Mr. Bachman's analysis, as well as with CEQA guidelines.

Chair Maulhardt reported he was okay with putting the item on the May agenda for approval. However, he was not okay with the item not being ready to review prior to the meeting; therefore, he requested the final drafts be circulated in advance of the meeting to avoid discussions of word-smithing of the Resolution at the FCGMA Board level. Chair Maulhardt continued if the item was not finalized and available to review prior to the May 22, 2013 Board meeting, he would pull the item from the Agenda.

Mr. Hubner concluded his presentation with the next steps to finalize this item for the May 22, 2013 Board meeting, which required: (1) a short description of the Monitoring Plan, with figures and maps, which; (2) a copy of the Full Advanced Treatment Recycled Water Management and Use Agreement; (3) Reiter Affiliated account reconciliation; and (4) CEQA compliance. Mr. Saperstein added he would have the revisions to the Draft Resolution completed and sent to Mr. Hubner for review by May 8, 2013.

Mr. Bob Kimmer, PVCWD, mentioned the first sentence of Provision No. 22 was incomplete and needed to be addressed. Chair Maulhardt instructed Mr. Saperstein to cleanup that sentence.

Mr. John Mathews commented on a meeting held earlier in the week with UWCD and growers in the area; noting this water was critical to the farmers and the item needed to be agendized.

Chair Maulhardt understood and agreed with the importance of having the item agendized, but reiterated he would not proceed with the item if it was not finalized before the May 22, 2013 Board meeting.

Chair Maulhardt provided the opportunity for additional questions or comments from the Committee, GMA staff and the public. No other questions or comments were made.

**F. Adjourn the Executive Committee Meeting**

Chair Maulhardt adjourned the Executive Committee meeting at 3:16 p.m.

Submitted by:

  
Jessica Rivera  
FCGMA Staff

**RESOLUTION NO. 2013-02**  
**of the Fox Canyon Groundwater Management Agency**

**A RESOLUTION CONCERNING THE IMPLEMENTATION OF FIRST  
PHASE OF THE CITY OF OXNARD'S GREAT PROGRAM AND THE  
ASSOCIATED RECYCLED WATER MANAGEMENT PLAN**

**WHEREAS**, the Fox Canyon Groundwater Management Agency ("Agency") was established to preserve the integrity of the quality and quantity of groundwater resources within its boundaries; and

**WHEREAS**, the Agency exercises its regulatory authority through ordinances, resolutions, and implementation of its adopted groundwater management plan; and

**WHEREAS**, the current Agency groundwater management plan ("GMA Management Plan") was updated and adopted in May 2007; and

**WHEREAS**, the GMA Management Plan provides an extensive evaluation of the varying conditions in aquifers within the Agency, and an assessment of the water management strategies that various entities propose for implementation within the Agency; and

**WHEREAS**, the City of Oxnard ("City") is in the final stages of constructing the first phase of its Groundwater Recovery Enhancement and Treatment Program ("GREAT Program"), through which the City will make available approximately 7,000 acre-feet per year ("AFY") of advanced treated recycled water ("RW") for use within the City, the Oxnard Plain and Pleasant Valley area; and

**WHEREAS**, the GMA Management Plan describes the use of RW generated from the GREAT Program as an important management strategy that will result in improvements to water supply reliability and water quality conditions within the Agency; and

**WHEREAS**, the primary benefits of the GREAT Program include: (a) generation of approximately 7,000 AFY of new water supplies for the region; (b) increased use of supplemental water supplies and the concomitant reduced groundwater pumping in the areas of the Oxnard Plain and Pleasant Valley subbasins; (c) introduction of RW into the PTP and PVCWD systems which will increase UWCD's ability to recharge surface water to the Forebay under certain conditions; (d) shifting groundwater pumping from the coastal and Pleasant Valley areas that are most difficult to recharge, to the Forebay/Near Forebay, which is easily recharged; (e) overall increase in groundwater recharge; and (f) the removal of tons of salts from the Oxnard Plain and Forebay groundwater; and

**WHEREAS**, the Agency adopted Resolutions Nos. 2003-4, and 2003-5 in support of the implementation of the GREAT Program; and

**WHEREAS**, United Water Conservation District's ("UWCD") mission is to manage, protect, conserve and enhance the water resources of the Santa Clara River, its tributaries, and associated aquifers; and

**WHEREAS**, UWCD has and continues to serve an integral role in evaluating groundwater conditions within the Agency jurisdiction and developing strategies to optimize the management and use of water resources within the region. United's efforts in this regard are documented in the GMA Management Plan and its ongoing responsibilities in monitoring aquifer conditions and regularly operating and updating Ventura Regional Groundwater Model; and

**WHEREAS**, UWCD, Pleasant Valley County Water District ("PVCWD") and the City have developed a plan to utilize RW within the UWCD Pumping Trough Pipeline ("PTP") and PVCWD ("PV") distribution systems, along with direct delivery of RW to agricultural users along the pipeline alignment (collectively, "RW users"). Certain RW users have documented this plan to use RW through an agreement titled, "Full Advanced Treatment Recycled Water Management and Use Agreement" entered into by and between the City, PVCWD, UWCD, Houweling Nurseries, Reiter Affiliated Companies and Southland Sod ("RW Agreement"). The RW Agreement is an attachment to the Agency staff report accompanying this Resolution; and *craven*

**WHEREAS**, the City, UWCD and PVCWD will oversee and coordinate the ongoing delivery of RW to agricultural users in the Pleasant Valley and Oxnard Plain subbasins; and

**WHEREAS**, as a component of the RW Agreement, the City, UWCD and PVCWD have developed a "Recycled Water Management Impact Analysis Plan" ("RWIA Plan") pursuant to which basin conditions will be monitored and analyzed, and criteria set under which the City will be able to pump groundwater from City owned wells and the UWCD Oxnard-Hueneme system ("OH System"). The RWIA Plan is set forth in this Resolution and its attachments; and

**WHEREAS**, the use of RW and the implementation of the RWIA Plan will contribute to the improvement of groundwater supply and quality issues within the Agency; and

**WHEREAS**, from 2006 to present the City, UWCD and PVCWD collaborated on the implementation of the Conejo Creek – Supplemental M&I Water Program. This program provided PVCWD approximately 6,000 AFY of additional surface water supplies. All or some portion of the groundwater pumping by PVCWD displaced by this additional surface water was then transferred to the Forebay through groundwater delivered to UWCD's Oxnard-Hueneme Pipeline customers, including the City. The intent of this program was to shift groundwater pumping from the Pleasant Valley subbasin to the Forebay; and

**WHEREAS**, the data obtained from the implementation of the Supplemental M&I Water Program is valuable in assessing the capabilities and impacts of shifting additional pumping to the Forebay as documented in the RWIA Plan (Attachment A); and

**WHEREAS**, the Groundwater Recovery Enhancement and Treatment (GREAT) Program Final Environmental Impact Report (SCH #2003011045) assessed the potential environmental impacts associated with Phase 1 of the GREAT Program and this RWIA Plan, and was certified in

September, 2004, concurrent with the City's approval of the construction of Phase 1 of the GREAT Program; and

WHEREAS, the Agency Ordinance Code provides for adjustments to extraction allocations; and

WHEREAS, the Agency has considered the environmental effects of the RWIA Plan as shown in the GREAT Program Final Environmental Impact Report and made the findings required by California Environmental Quality Act Guidelines section 15091.

**NOW, THEREFORE, IT IS HEREBY PROCLAIMED AND RESOLVED AS FOLLOWS:** The Agency grants its approval of the RWIA Plan subject to the following conditions:

1. This Resolution supersedes and restates in its entirety Resolution No. 2003-5.
2. The UWCD has provided the RWIA Plan and Monitoring Plan for the proposed groundwater pumping allowed pursuant to this Resolution. This Resolution and the RWIA Plan contain the following (the RWIA and Monitoring Plan are included as Attachment A and B to this Resolution):
  - a. A description of groundwater monitoring program consisting of water level and water quality monitoring that is designed to detect ongoing conditions within the Pleasant Valley subbasin, the Oxnard Plain subbasin, and the Forebay. Water level and quality data shall be collected on an ongoing basis for use to assess basin conditions and provide for the ongoing use of the Ventura Regional Groundwater Model in evaluating basin conditions. *West LAS  
Posas Basin*
  - b. An assessment of historic and current conditions in the Forebay, Oxnard Plain and Pleasant Valley subbasins and anticipated impacts to those subbasins associated with the implementation of the RWIA Plan.
  - c. Limitations or restrictions on Forebay pumping based upon groundwater level triggers and hydrologic conditions.
  - d. Annual, or more frequent, coordination meetings and reporting between the City, UWCD, PVCWD and the Agency regarding the annual report and implementation of the RWIA.
  - e. All monitoring and reporting shall be overseen and approved by a State of California Licensed Professional Geologist or Engineer.
3. The City shall accrue a Recycled Water Pumping Allocation ("RWPA") (up to 5,200 AFY per year), which allows the City to obtain groundwater in a volume and subject to the conditions provided in this Resolution.
4. The City will receive 1 acre-foot of RWPA for each acre-foot of RW use that results in 1 acre-foot decrease in groundwater pumping by RW users. Further, the City will receive RWPA only in the instance that the reduced groundwater pumping by RW users was groundwater that would have been pumped based upon a Historical Allocation or Irrigation Efficiency/Allowance Allocation.



5. To the extent practical, PVCWD shall prioritize its water use as follows, from highest to lowest priority: (a) Conejo Creek Project supplemental water; (b) RW; (c) surface water from UWCD; and (d) groundwater. However, the Agency acknowledges that Camrosa Water District and PVCWD are currently reevaluating the future availability of water from the Conejo Creek Project. This Resolution creates no obligation for PVCWD to continue purchasing water through the Conejo Creek Project; provided however, if PVCWD does continue to have access to that supply, it should rely on it as a first priority. Further, the Agency recognizes that Camrosa Water District has relied and may continue to rely on the Conejo Creek Project supplies for use within its district. The volume of water available to PVCWD has been and may continue to be reduced as Camrosa uses more and more of that supply within the Camrosa service area. This prioritization of use under this provision shall be documented through the Annual Report required under Section 13.
6. No RWPA will accrue to the City for RW use that displaces groundwater pumping that would have been subject to Agency surcharges.
7. No RWPA shall accrue to the City for RW use that displaces UWCD surface water deliveries to those same users, when and if UWCD is concurrently physically not capable of diverting that volume of surface water to UWCD recharge basins because the recharge basins and the Forebay are full.

*Reinsert 1*

8 ~~8.~~ RW users shall not earn conservation credits on unused Historical Allocation, ~~associated with reduced groundwater pumping resulting from use of RW.~~

9 ~~9.8.~~ The City will report annually to the Agency and UWCD the quantity of RW delivered to each RW user. Prior to receipt of any RW, each RW user shall develop a protocol and format acceptable to the RW user, the Agency and the City, to account for the RW user's annual water use, including RW.

10 ~~10.9.~~ ~~The City and~~ RW users will report their water use to the Agency on semi-annual extraction reports as required under Agency rules and procedures, and otherwise consistent with the requirements provided in Section ~~8 above 8 above 8 above 9 above.~~

11 ~~11.10.~~ City shall pump the RWPA from City owned wells and UWCD's O-H system.

12 ~~12.11.~~ The Agency, the City, UWCD, and PVCWD shall meet during the first week of May of each year ("Coordination Meeting"), and more frequently as necessary, to discuss any needed refinements to the implementation of the RWIA Plan, the current accounting of RWPA, and any expected limitations on the City's use of RWPA because of Forebay water levels and then existing hydrologic conditions. As a result of these annual meetings, the Agency, the City and UWCD shall establish the locations and volume of RWPA that shall be available to the City for pumping through the following year, subject to the following conditions:

- a. The volume of RWPA that the City is allowed to extract shall be set between 0 and 8,000 AFY (this volume limitation shall include the volume of M&I Supplemental Program water UWCD will pump during the same period as provided in Section 20, below); and
- b. To the extent the City is not allowed to pump the cumulative RWPA it has earned, all accrued RWPA shall carry forward until the City is allowed to use the RWPA in its entirety, subject to the conditions of this Resolution; and
- c. To the extent the Agency, the City and UWCD do not agree on restrictions on the use of RWPA for any given year, based on the then existing and anticipated hydrologic circumstances, the City shall use the RWPA consistently with UWCD Board of Directors' determination in consultation with the Agency.
- d. This provision shall not prevent the parties from meeting more frequently to consider alterations to the implementation of the RWIA Plan given changing hydrologic conditions.

13 ~~13.12.~~ In preparation for the Coordination Meeting, the City, UWCD and PVCWD will provide the Agency with an Annual Report by April 1st. The report shall include an assessment of conditions, including water level/water quality data and analysis in the Forebay, Oxnard Plain and Pleasant Valley subbasins and an evaluation of any impacts directly associated with the pumping approved under this Resolution. GMA staff will annually review and report to the Agency Board on compliance and effectiveness of this Resolution.

14 ~~14.13.~~ Unless otherwise authorized pursuant to the Coordination Meetings, the City shall not pump its RWPA from the Forebay when evacuated groundwater from storage in the Forebay reaches 80,000 acre-feet (as regularly determined by UWCD), or groundwater levels in the Forebay reach 19 feet above mean sea level. Resumption of pumping of RWPA from the Forebay shall occur as authorized pursuant to the Coordination Meetings as provided in Section 12.

15 ~~15.14.~~ City shall be deemed to pump its RWPA before its Historical Allocation.

16 ~~16.15.~~ The City may not transfer or assign all or any portion of its RWPA, except to facilitate its use of the RWPA in coordination with UWCD so that RWPA may be pumped from either City owned wells or UWCD's O-H Pipeline facilities.

17 ~~17.16.~~ Except as expressly provided in this Resolution, the RWPA does not create a new Agency allocation or credit.

18 ~~18.17.~~ Only RW delivered to RW users who have filed all required extraction reports with and have paid all required fees and charges due and payable to the Agency and UWCD shall be eligible to generate a RWPA for the benefit of the City.

*penalties [add per crown]*

19 ~~19.18.~~ The Agency Board may reconsider and modify any provision of this Resolution under the following circumstances: (a) concurrently with the expiration of the "Performance Test" (no later than 2 years after 1<sup>st</sup> RW Delivery) as provided in the RW

*as provided*

*and as defined*

# Monitoring Plan for GREAT Project Forebay and Oxnard Plain Extractions

May 2013

**Proposed Extraction Locations and Pumping Schedules:** The pumping is proposed to be shared between three sites – UWCD’s El Rio facility, Oxnard’s Water Yard, and Oxnard’s Rice Ave. facility. The combined Program is limited to pumping amounts up to 8,000 AFY.

**Monitoring:** United Water currently monitors scores of wells in the Forebay (45 wells for water quality, and 46 wells for water level) and Oxnard Plain (70 wells for water quality and 110 wells for water level) basins (Figures 1 and 2). The monitoring points are a combination of production wells and dedicated monitoring wells. The frequency of monitoring depends upon the location of the well and the aquifer penetrated. The maps indicate the current frequency of monitoring. In addition, the maps also indicate the wells in which transducers are installed. These transducers are generally set to monitor water levels about every four hours. In the producing wells with transducers, real-time data transfer is accomplished through a SCADA system, whereas data from the other transducers are stored and manually downloaded regularly. The groundwater elevation data and water quality analyses are regularly entered into United Water’s groundwater elevation and water quality databases for analysis. In addition, the results of water quality sampling from other public water supply wells are downloaded regularly from California Department of Public Health digital records into United’s water quality database. United Water regularly adjusts its monitoring program to address differing conditions, and will continue to do so during this project. The trigger of 19 feet above sea level in the Forebay will be measured as an average of two wells (Well Nos. 02N22W12R01S and 02N22W22R02S).

Water levels in the western portion of the West Las Posas Basin will be monitored to ensure no impact from this Project’s Forebay pumping. In addition, to the degree feasible that nearby monitoring wells exist, water levels and extractions from individual RW Agreement operators on the Oxnard Plain and Pleasant Valley Basins will be measured and evaluated for benefits and/or impacts.

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**Monitoring Results and Reporting:** The results of the project monitoring will be summarized at the end of each calendar year by United Water, and submitted April 1<sup>st</sup> to the Agency as part of the Annual Report. Water level and water quality results will be graphed and mapped for ease of examination. This analysis will be an integral part of the Annual Report required for the GREAT project.

by [new: Chasen]

assess potential

Steve B + Tony M @ United  
w/ new figure.

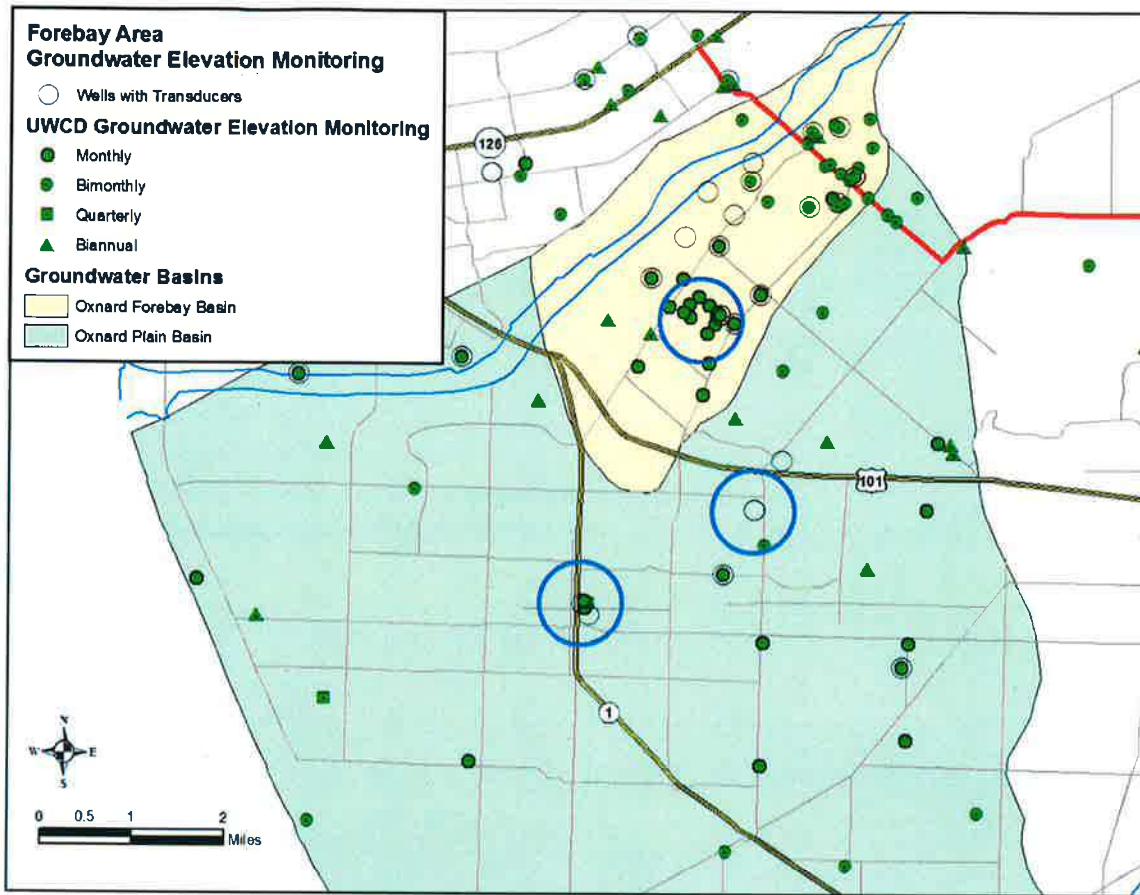


Figure 1. Current United Water groundwater elevation monitoring program. Blue circles indicate locations of pumping for the GREAT project.



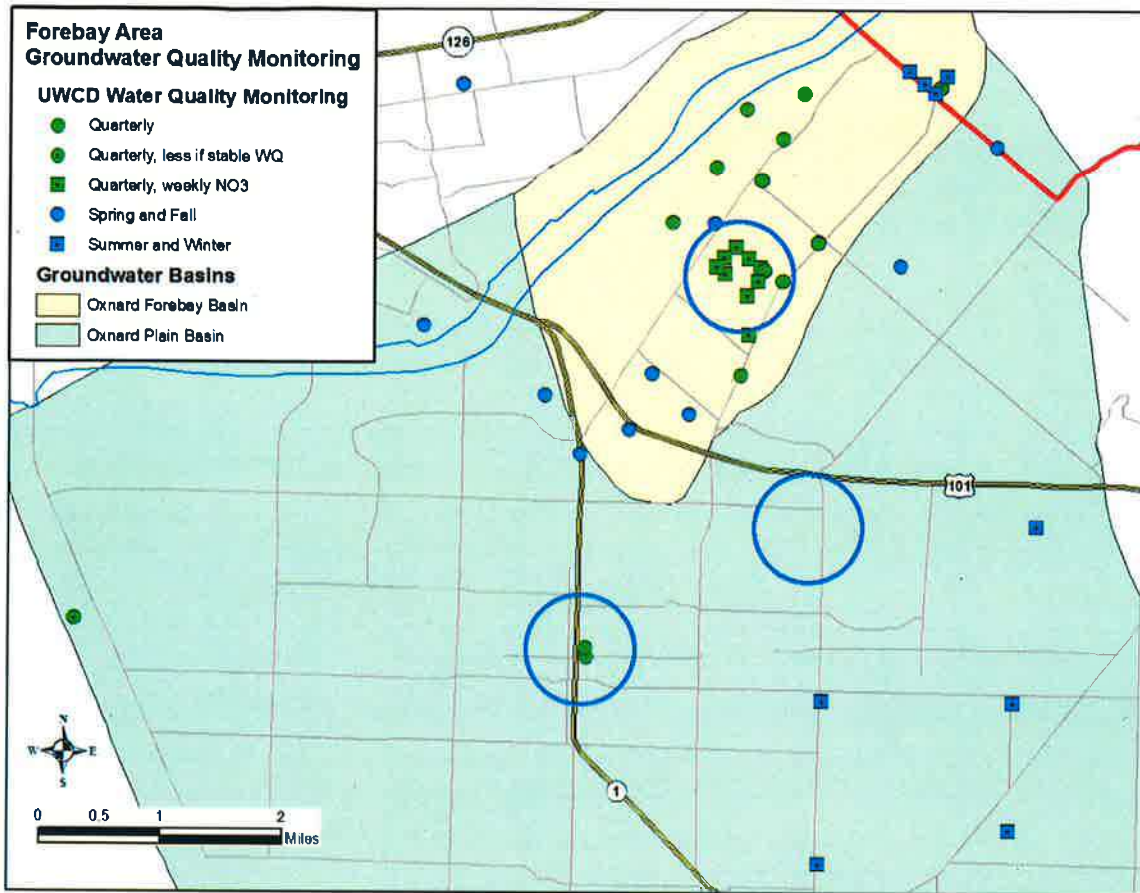


Figure 2. Current United Water groundwater quality monitoring program. Additional data are obtained regularly from California Department Public Health for public drinking water wells in the area. Blue circles indicate locations of pumping for the GREAT project.

# ANNUAL REPORT

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10. Any Pumping Locations Shifts/Change in Pumping Schedule
11. Determinations Made by UWCD and Agency on RWPA Use, and/or Development of Plan through Coordination Meeting(s).
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3. Documentation that No RWPA Displaced UWCD Surface Water Deliveries
4. Documentation that No Conservation Credit on Unused Historical Allocation Associated with Reduced Groundwater Pumping Resulting from use of RW
5. Documentation that Only Registered City or UWCD Wells Used for Extractions
6. Documentation of Prioritization of Conejo Creek Diversions Per Resolution
7. Documentation that Report Prepared and Overseen by State of California Licensed Professional Geologist or Engineer (Stamp)

**VI. CONCLUSION**

1. Project Benefits to the Basins
2. Determination That Project Resulted in No Net Detriment/No Impact
3. Compliance with Resolution No. 2013-02

## FIGURES

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## TABLES

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### Delivered Water

FCGMA CombCode	Reporting Period	Owner/Operator	Extraction (AF)	Delivered Quantity (AF)	APNs Irrigated	Acreage Irrigated

### Extraction Wells

SWN	Location	Extraction (AF) per UWCD	Extraction (AF) per City of Oxnard	FCGMA Allocation Type	FCGMA Allocation Amount (AF)

### Parties Receiving GREAT Water

FCGMA CombCode	Extraction Period	SAES filed (Date)	IA filed (Date)	AHA (AF)	Baseline (AF)	IA Allocation (AF)	Account Current (Y or N)	Credits to be Transferred (AF)

### Water Level Monitoring Wells

SWN	Water level elevation (ft)	Water level depth (ft)	Date of measurement	1 yr Change in Water Level (Elevation, ft)	5-yr Change in Water level (Elevation, ft)

### Water Quality Monitoring Wells

SWN	Water Quality TDS (mg/L)	Water Quality Cl (mg/L)	Date Sample Collected	1 yr Change in Water Level (mg/L)	5-yr Change in Water Level (mg/L)



Fox Canyon GMA  
Executive Committee Meeting  
May 30, 2013

**City of Oxnard GREAT Program Phase I,  
RW Agreement and Draft GMA Resolution**

Presentation by:  
Gerhardt Hubner, Deputy Director  
Watershed Protection District

# May 7, 2013 Executive Committee Meeting

- Issue:
  - Recital with Current UWCD Balance for M&I Supplemental Water Program Credits (CMWD concern),
  - Provision No. 15 – Question of whether accrual period and maximum accrual amount “shall” be extended or “may” be extended.
- Resulting Changes in Resolution:
  - Recital Modified and Language deleted,
  - Revised Provision No. 12. Language in 12 a +b reflects understanding from May 7<sup>th</sup> meeting, and
  - Some grammar fixes, and clarifying words added.

# May 14<sup>th</sup> & 15<sup>th</sup> Version of Draft Resolution

Following changes:

- Incorporated PVWD's Comments;
- Provision No. 3 and throughout Documents – Clarified up to 5,200 AFY, 19 feet above sea level Forebay trigger, and April 1<sup>st</sup> Annual Report submittal;
- Additional Recital on *Agency's Ordinance Code to clarify adjustments to extraction allocations*; and
- Provision No. 21 - Modified to clarify what occurs with RWPA accrual at the End of 10 Year Agreement Term.



# May 22, 2013 GMA Board Meeting – Package

- Detailed Staff Report;
- Draft Resolution No. 2013-02 – Outcome of May 7<sup>th</sup> Executive Committee & Subsequent Discussions with City;
- Draft RW Use Agreement;
- RW Impact Analysis (RWIA) Plan;
- Monitoring Plan; and
- CEQA Findings of Fact.

# Update on Recent Progress - Draft Resolution Changes:

- Added “*Near Forebay*” to Recital;
- Provision No. 8 – Eliminated redundant language at end of sentence on Conservation Credits;
- Provision No. 10 – Added “*City*” with RW Users on reporting Semi-Annual water use; and
- Provision No. 19 – Added “*either*” to distinguish individual analysis vs. just combined or cumulative.

# Monitoring Plan Revisions

- Language Added - Water levels in the western portion of the West Las Posas Basin will be monitored to ensure no impact from this Project's Forebay pumping; and
- To the degree feasible and nearby monitoring wells exist, water levels and extractions from individual RW Agreement operators on the Oxnard Plain and Pleasant Valley Basins will be measured and evaluated for benefits and/or impacts.

# Annual Report - Outline

- New Document - Outcome of recent discussions to create a short concise document with our expectations for the Annual Report; and
- Annual Report to include data submittals, figures, tables, analyses, evaluations and determinations regarding any impacts and/or benefits from the GREAT Program, Phase I.

# Next Steps – What's Needed

1. Final Copy (Draft from UWCD Agenda) of Full Advance Treatment Recycled Water Management and Use Agreement.
2. Reuter Brothers Account Reconciliation– Progress but not completely resolved. Significant staff effort
3. Your Feedback.
4. Scheduled for June 26, 2013 GMA Board meeting for Consideration and Adoption.

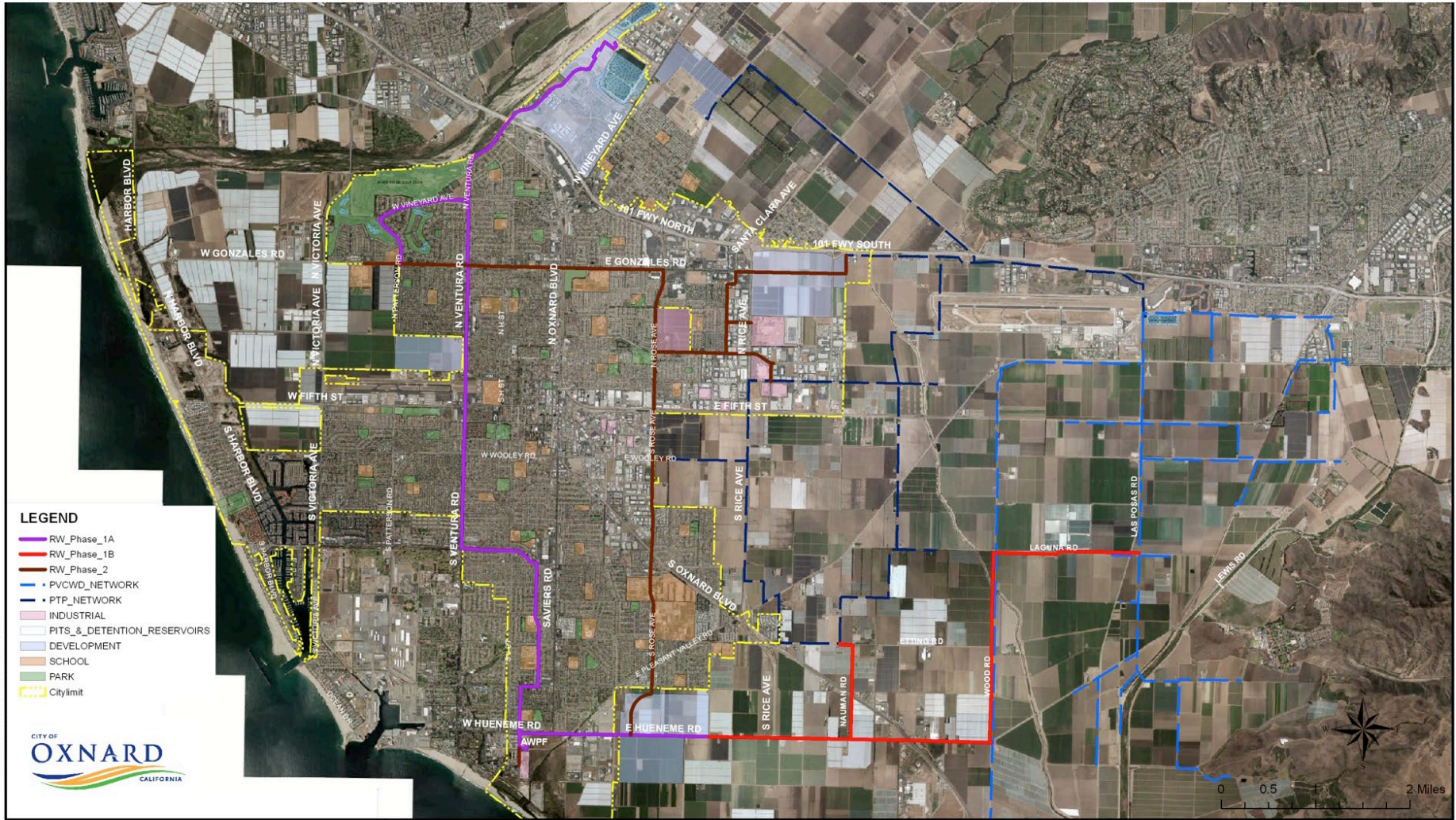


# Extra Slides



Date Saved: 2/13/2013 1:40:18 PM

- LEGEND**
- RW\_Phase\_1A
  - RW\_Phase\_1B
  - RW\_Phase\_2
  - PVCWD\_NETWORK
  - PTP\_NETWORK
  - INDUSTRIAL
  - PITS & DETENTION RESERVOIRS
  - DEVELOPMENT
  - SCHOOL
  - PARK
  - Citylimit



# Recycled Water Distribution System

# **Monitoring Plan for GREAT Project Forebay and Oxnard Plain Extractions**

**May 2013**

**Proposed Extraction Locations and Pumping Schedules:** The pumping is proposed to be shared between three sites – UWCD’s El Rio facility, Oxnard’s Water Yard, and Oxnard’s Rice Ave. facility. The combined Program is limited to pumping amounts up to 8,000 AFY.

**Monitoring:** United Water currently monitors scores of wells in the Forebay (45 wells for water quality, and 46 wells for water level) and Oxnard Plain (70 wells for water quality and 110 wells for water level) basins (Figures 1 and 2). The monitoring points are a combination of production wells and dedicated monitoring wells. The frequency of monitoring depends upon the location of the well and the aquifer penetrated. The maps indicate the current frequency of monitoring. In addition, the maps also indicate the wells in which transducers are installed. These transducers are generally set to monitor water levels about every four hours. In the producing wells with transducers, real-time data transfer is accomplished through a SCADA system, whereas data from the other transducers are stored and manually downloaded regularly. The groundwater elevation data and water quality analyses are regularly entered into United Water’s groundwater elevation and water quality databases for analysis. In addition, the results of water quality sampling from other public water supply wells are downloaded regularly from California Department of Public Health digital records into United’s water quality database. United Water regularly adjusts its monitoring program to address differing conditions, and will continue to do so during this project. The trigger of 19 feet above sea level in the Forebay will be measured as an average of two wells (Well Nos. 02N22W12R01S and 02N22W22RO2S). Water levels in the western portion of the West Las Posas Basin will be monitored to ensure no impact from this Project’s Forebay pumping. In addition, to the degree feasible that nearby monitoring wells exist, water levels and extractions from individual RW Agreement operators on the Oxnard Plain and Pleasant Valley Basins will be measured and evaluated for benefits and/or impacts.

**Monitoring Results and Reporting:** The results of the project monitoring will be summarized at the end of each calendar year by United Water, and submitted April 1<sup>st</sup> to the Agency as part of the Annual Report. Water level and water quality results will be graphed and mapped for ease of examination. This analysis will be an integral part of the Annual Report required for the GREAT project.

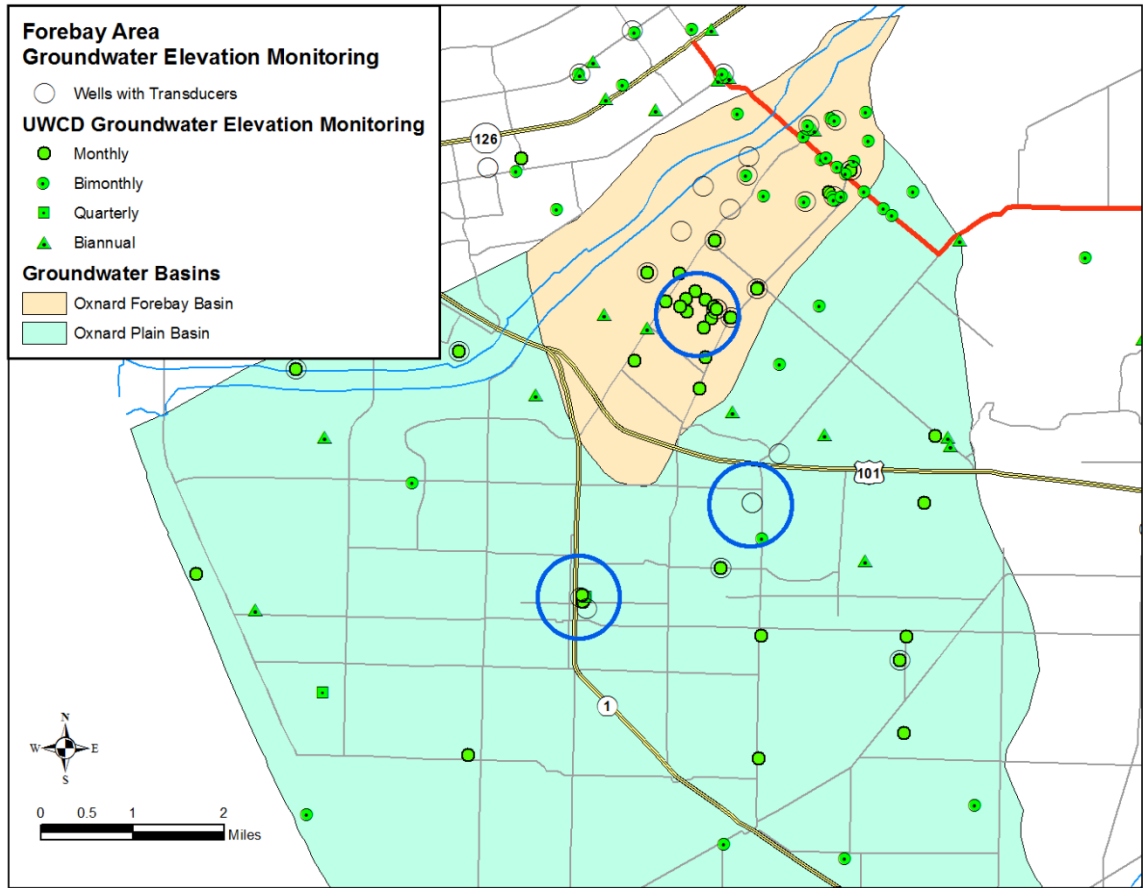


Figure 1. Current United Water groundwater elevation monitoring program. Blue circles indicate locations of pumping for the GREAT project.



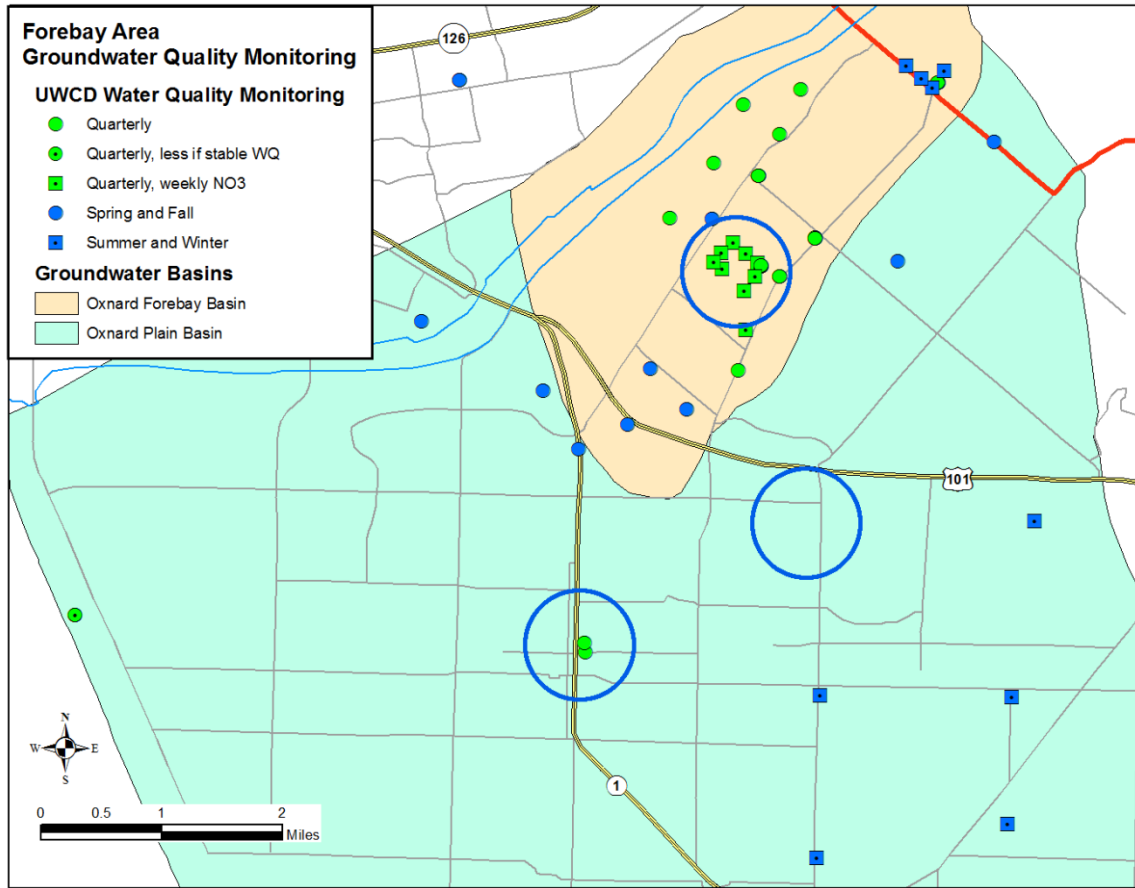


Figure 2. Current United Water groundwater quality monitoring program. Additional data are obtained regularly from California Department Public Health for public drinking water wells in the area. Blue circles indicate locations of pumping for the GREAT project.

**Draft May 3, 2013**

**Resolution 2013-02  
of the Fox Canyon Groundwater Management Agency**

**A RESOLUTION CONCERNING THE IMPLEMENTATION OF FIRST PHASE OF  
THE CITY OF OXNARD'S GREAT PROGRAM AND THE ASSOCIATED RECYCLED  
WATER MANAGEMENT PLAN**

**WHEREAS**, the Fox Canyon Groundwater Management Agency ("Agency") was established to preserve the integrity of the quality and quantity of groundwater resources within its boundaries; and

**WHEREAS**, the Agency exercises its regulatory authority through ordinances, resolutions, and implementation of its adopted groundwater management plan; and

**WHEREAS**, the current Agency groundwater management plan ("GMA Management Plan") was updated and adopted in May 2007; and

**WHEREAS**, the GMA Management Plan provides an extensive evaluation of the varying conditions in aquifers within the Agency, and an assessment of the water management strategies that various entities propose for implementation within the Agency; and

**WHEREAS**, the City of Oxnard ("City") is in the final stages of constructing the first phase of its Groundwater Recovery Enhancement and Treatment Program ("GREAT Program"), through which the City will make available approximately 7,000 acre-feet per year ("AFY") of advanced treated recycled water ("RW) for use within the City, the Oxnard Plain and Pleasant Valley area; and

**WHEREAS**, the GMA Management Plan describes the use of RW generated from the GREAT Program as an important management strategy that will result in improvements to water supply reliability and water quality conditions within the Agency; and

**WHEREAS**, the primary benefits of the GREAT Program include: (a) generation of approximately 7,000 AFY of new water supplies for the region; (b) increased use of supplemental water supplies and the concomitant reduced groundwater pumping in the areas of the Oxnard Plain and Pleasant Valley subbasins; (c) introduction of RW into the PTP and PVCWD systems which will increase UWCD's ability to recharge surface water to the Forebay under certain conditions; (d) shifting groundwater pumping from the coastal and Pleasant Valley areas that are most difficult to recharge, to the Forebay, which is easily recharged; (e) overall increase in groundwater recharge; and (f) the removal of tons of salts from the Oxnard Plain and Forebay groundwater; and

**WHEREAS**, the Agency adopted Resolutions Nos. 2003-4, and 2003-5 in support of the implementation of the GREAT Program; and

**Draft May 3, 2013**

**WHEREAS**, United Water Conservation District's ("UWCD") mission is to manage, protect, conserve and enhance the water resources of the Santa Clara River, its tributaries, and associated aquifers; and

**WHEREAS**, UWCD has and continues to serve an integral role in evaluating groundwater conditions within the Agency jurisdiction and developing strategies to optimize the management and use of water resources within the region. United's efforts in this regard are documented in the GMA Management Plan and its ongoing responsibilities in monitoring aquifer conditions and regularly operating and updating Ventura Regional Groundwater Model; and

**WHEREAS**, UWCD, Pleasant Valley County Water District ("PVCWD") and the City have developed a plan to utilize RW within the UWCD Pumping Trough Pipeline ("PTP") and PVCWD ("PV") distribution systems, along with direct delivery of RW to certain agricultural users along the pipeline alignment (collectively, "RW users"). The RW users have documented this plan to use RW through an agreement titled, "Full Advanced Treatment Recycled Water Management and Use Agreement" entered into by and between the City, PVCWD, UWCD, Houweling Nurseries, Reiter Affiliated Companies and Southland Sod ("RW Agreement"). The RW Agreement is an attachment to the Agency staff report accompanying this Resolution; and

**WHEREAS**, the City, UWCD and PVCWD will oversee and coordinate the ongoing delivery of RW to agricultural users in the Pleasant Valley and Oxnard Plain subbasins; and

**WHEREAS**, as a component of the RW Agreement, the City, UWCD and PVCWD have developed a "Recycled Water Management Impact Analysis Plan" ("RWIA Plan") pursuant to which basin conditions will be monitored and analyzed, and criteria set under which the City will be able to pump groundwater from City owned wells and the UWCD Oxnard-Hueneme system ("OH System"). The RWIA Plan is set forth in this Resolution; and

**WHEREAS**, the use of RW and the implementation of the RWIA Plan will contribute to the improvement of groundwater supply and quality issues within the Agency; and

**WHEREAS**, from 2006 to present the City, UWCD and PVCWD collaborated on the implementation of the Conejo Creek – Supplemental M&I Water Program. This program provided PVCWD approximately 6,000 AFY of additional surface water supplies. All or some portion of the groundwater pumping by PVCWD displaced by this additional surface water was then transferred to the Forebay through extraordinary groundwater delivered to UWCD's Oxnard-Hueneme Pipeline customers, including the City. The intent of this program was to shift groundwater pumping from the Pleasant Valley subbasin to the Forebay; and

**WHEREAS**, the data obtained from the implementation of the Supplemental M&I Water Program is valuable in assessing the capabilities and impacts of shifting additional pumping to the Forebay as documented in the RWIA Plan (Attachment A); and

**WHEREAS**, the reduction of pumping from the Forebay associated with the Supplemental M&I Water Program eliminates Forebay pumping of approximately the same magnitude as that associated with this RWIA Plan; and



**WHEREAS**, the Groundwater Recovery Enhancement and Treatment (GREAT) Program Final Environmental Impact Report (SCH #2003011045) assessed the potential environmental impacts associated with Phase 1 of the GREAT Program and this RWIA Plan, and was certified in September, 2004, concurrent with the City's approval of the construction of Phase 1 of the GREAT Program.

**WHEREAS**, the Agency has considered the environmental effects of the RWIA Plan as shown in the GREAT Program Final Environmental Impact Report and made the findings required by California Environmental Quality Act Guidelines section 15091.

**NOW, THEREFORE, IT IS HEREBY PROCLAIMED AND RESOLVED AS FOLLOWS:** The Agency grants its approval of the RWIA Plan subject to the following conditions:

1. This Resolution supersedes and restates in its entirety Resolution No. 2003-5.
2. The UWCD has provided an RW Impact Analysis Plan (RWIA Plan) for the proposed groundwater pumping allowed pursuant to this Resolution. The RWIA Plan is included as Attachment A to this Resolution and contains the following:
  - a. A description of groundwater monitoring program consisting of water level and water quality monitoring that is designed to detect ongoing conditions within the Pleasant Valley subbasin, the Oxnard Plain subbasin, and the Forebay. The RWIA Plan shall collect data on an ongoing basis for use to assess basin conditions and provide for the ongoing use of the Ventura Regional Groundwater Model in evaluating basin conditions.
  - b. An assessment of historic and current conditions in the Forebay, Oxnard Plain and Pleasant Valley subbasins and anticipated impacts to those subbasins associated with the implementation of the RWIA Plan.
  - c. Limitations or restrictions on Forebay pumping based upon groundwater level triggers and hydrologic conditions.
  - d. Annual, or more frequent, coordination meetings and reporting between the City, UWCD, PVCWD and the Agency regarding the annual report and implementation of the RWIA.
  - e. All monitoring and reporting shall be overseen and approved by a State of California Licensed Professional Geologist or Engineer.
3. The Agency, the City, UWCD, and PVCWD shall meet during the first week of May of each year ("Coordination Meeting"), and more frequently as necessary, to discuss any needed refinements to the implementation of this RWIA Plan, the current accounting of RWPA, and any expected limitations on the City's use of Recycled Water Pumping Allocation ("RWPA") because of Forebay water levels and then existing hydrologic conditions. As a result of these annual meetings, the Agency, the City and UWCD shall establish the locations and volume of RWPA that shall be available to the City for pumping through the following year. To the extent the Agency, the City and UWCD do

**Draft May 3, 2013**

not agree on restrictions on the use of RWPA for any given year, based on the then existing and anticipated hydrologic circumstances, the City shall use the RWPA consistently with UWCD Board of Directors' determination in consultation with the Agency. This provision shall not prevent the parties from meeting more frequently to consider alterations to the implementation of the RWIA Plan given changing hydrologic conditions.

4. Concurrently with the Coordination Meeting, the City and UWCD will provide the Agency with an Annual Report by April 1st. The report shall include an assessment of conditions, including water level/water quality data and analysis in the Forebay, Oxnard Plain and Pleasant Valley subbasins and an evaluation of any impacts directly associated with the pumping approved under this Resolution. GMA staff will annually review and report to the Agency Board on compliance and effectiveness of this Resolution.
5. The City shall accrue a RWPA, which allows the City to obtain groundwater in a volume and subject to the conditions provided in this Resolution.
6. The City will receive 1 acre-foot of RWPA for each acre-foot of RW use that results in 1 acre-foot decrease in groundwater pumping by RW users. Further, the City will receive RWPA only in the instance that the reduced groundwater pumping by RW users was groundwater that would have been pumped based upon a Historical Allocation or Irrigation Efficiency/Allowance Allocation.
7. To the extent practical, PVCWD shall prioritize its water use as follows, from highest to lowest priority: (a) Conejo Creek Project supplemental water; (b) RW; (c) surface water from UWCD; and (d) groundwater. However, the Agency acknowledges that Camrosa Water District and PVCWD are currently reevaluating the future availability of water from the Conejo Creek Project. This Resolution creates no obligation for PVCWD to continue purchasing water through the Conejo Creek Project; provided however, if PVCWD does continue to have access to that supply, it should rely on it as a first priority. Further, the Agency recognizes that Camrosa Water District has and may continue to rely on the Conejo Creek Project supplies for use within its district. The volume of water available to PVCWD has been and may continue to be reduced as Camrosa uses more and more of that supply within the Camrosa service area. This prioritization of use under this provision shall be documented through the Annual Report required under Section 4.
8. No RWPA will accrue to the City for RW use that displaces groundwater pumping that would have been subject to Agency surcharges.
9. No RWPA shall accrue to the City for RW use that displaces UWCD surface water deliveries to those same users, when and if UWCD is concurrently physically not capable of diverting that volume of surface water to UWCD recharge basins because the recharge basins and the Forebay are full.

**Draft May 3, 2013**

10. RW users shall not earn conservation credits on unused Historical Allocation associated with reduced groundwater pumping resulting from use of RW.
11. The City will report annually to the Agency and UWCD the quantity of RW delivered to each RW user. Prior to receipt of any RW, each RW user shall develop a protocol and format acceptable to the RW user, the Agency and the City, to account for the RW user's annual water use, including RW.
12. RW users will report their water use to the Agency on semi-annual extraction reports as required under Agency rules and procedures, and otherwise consistent with the requirements provided in Section 11 above.
13. City shall pump the RWPA from City owned wells and UWCD's O-H system.
14. Unless otherwise authorized pursuant to the Coordination Meetings, the City shall not pump its RWPA from the Forebay when evacuated groundwater from storage in the Forebay reaches 80,000 acre-feet (as regularly determined by UWCD), or groundwater levels in the Forebay reach 19 feet above mean sea level. Resumption of pumping of RWPA from the Forebay shall occur as authorized pursuant to the Coordination Meetings as provided in Section 3 above.
15. No more than 5,000 AFY will be utilized or pumped in any one calendar year under this Resolution. However, the accrual period and maximum accrual amount maybe extended by Agency Board to account for any restrictions in pumping of RWPA as may be imposed pursuant to this Resolution. Similarly, the annual RWPA pumping limitation may be modified pursuant to the Coordination Meetings provided in this Resolution.
16. City shall be deemed to pump its RWPA before its Historical Allocation.
17. The City may not transfer or assign all or any portion of its RWPA, except to facilitate its use of the RWPA in coordination with UWCD so that RWPA may be pumped from either City owned wells or UWCD's O-H Pipeline facilities.
18. Except as expressly provided in this Resolution, the RWPA does not create a new Agency allocation or credit.
19. Only RW delivered to RW users who have filed all required extraction reports with and have paid all required fees and charges due and payable to the Agency and UWCD shall be eligible to generate a RWPA for the benefit of the City.
20. The Agency Board may reconsider and modify any provision of this Resolution under the following circumstances: (a) concurrently with the expiration of the "Performance Test" (no later than 2 years after 1<sup>st</sup> RW Delivery) as provided in the RW Agreement; (b) a material modification in the terms and conditions set forth in the RW Agreement; (c) to make this Resolution consistent with provisions of any update to the GMA Management Plan that has been approved by the Agency Board; or (d) a finding by the Agency Board

**Draft May 3, 2013**

that the implementation of this Resolution is having a net detrimental impact on the water resources in the Forebay, Oxnard Plain and Pleasant Valley subbasins. The Agency shall provide a minimum of six months advance notice to the RW users before implementing any material change to this Resolution.

21. Based upon the RWIA provided in Attachment A, 8,000 AFY of groundwater extraction can be accommodated in the Forebay with little if any effect on Forebay depletion. 5,200 AFY of pumping are proposed as substitute to the M&I Supplemental Program as part of this Resolution. Therefore, in order to remain below this impact threshold no more than 2,800 AFY of these credits in any one year can be utilized by UWCD from this account.
22. Except for the pumping of any accrued RWPA, this Resolution terminates on the date in which the first 10 year term of the RW Agreement. Subsequent to the termination, the City shall pump its remaining RWPA pursuant to the terms and conditions of the Resolution.

On motion by Director \_\_\_\_\_, seconded by Director \_\_\_\_\_, the foregoing resolution was passed and adopted on this \_\_\_\_\_, 2013.

By:

\_\_\_\_\_  
Lynn Maulhardt, Chair, Board of Directors  
Fox Canyon Groundwater Management Agency

ATTEST: I hereby certify that the above is a true and correct copy of Resolution 2013-02

By:

\_\_\_\_\_  
\_\_\_\_\_, Clerk of the Board

Attachment A – Recycled Water Management Plan Impact Analysis (RWIA) for Phase I of the City of Oxnard’s GREAT Program

# ANNUAL REPORT

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1. Comparison to Extracted Groundwater, Delivered RW and GMA Allocation(s)
2. Discussion Regarding Water Levels, Potentiometric Surface, and Any Change to the Basin's Hydraulic Gradient
3. Discussion Regarding Water Quality Data/Trends and Basin Management Objectives
4. Discussion Regarding Individual (By Operator), Local and Any Regional Groundwater Impacts and/or Benefits

##### B. **Oxnard Plain Basin:** Southland Sod, City of Oxnard, United Water Conservation District

1. Comparison of Extracted Groundwater, Delivered RW and GMA Allocation(s)
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##### C. **Forebay Basin:** United Water Conservation District

1. Comparison of Extracted Groundwater, Delivered RW and GMA Allocation(s)
2. Discussion Regarding Water Levels, Potentiometric Surface, and Any Change to the Regional Hydraulic Gradient, including West Las Posas Basin
3. Discussion Regarding Water Quality Data/Trends and Basin Management Objectives
4. Discussion Regarding Individual (by Operator), Local and Regional Groundwater Impacts and/or Benefits

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6. Quantity of RWPA Utilized/Authorized (0-8,000 AFY)
7. Total Quantity of City's RWPA: Yearly Accounting - Quantity (When, Who, How)
8. Total Annual Quantity of UWCD M&I Credits Utilized (Up to 2,800 AFY)
9. Quantity of Salts Removed
10. Any Pumping Locations Shifts/Change in Pumping Schedule
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SWN	Location	Extraction (AF) per UWCD	Extraction (AF) per City of Oxnard	FCGMA Allocation Type	FCGMA Allocation Amount (AF)

### Parties Receiving GREAT Water

FCGMA CombCode	Extraction Period	SAES filed (Date)	IA filed (Date)	AHA (AF)	Baseline (AF)	IA Allocation (AF)	Account Current (Y or N)	Credits to be Transferred (AF)

### Water Level Monitoring Wells

SWN	Water level elevation (ft)	Water level depth (ft)	Date of measurement	1 yr Change in Water Level (Elevation, ft)	5-yr Change in Water level (Elevation, ft)

### Water Quality Monitoring Wells

SWN	Water Quality TDS (mg/L)	Water Quality Cl <sup>-</sup> (mg/L)	Date Sample Collected	1 yr Change in Water Level (mg/L)	5-yr Change in Water Level (mg/L)