

Paso Basin Advisory Committee
Meeting of Thursday, July 17, 2014
www.PasoBasin.org

2pm – 4pm
Paso Robles Emergency Services Building
900 Park Street, Paso Robles

AGENDA

- | | | | |
|----|---|------------------|---------|
| 1. | Introductions and Determination of a Quorum | Committee/Public | 2:00 pm |
| 2. | Approve June Meeting Minutes | Chair | 2:05 pm |
| 3. | Finalize Subcommittees
(Number & Charge/Project Status/Participants/Chair) | Chair/Staff | 2:10 pm |
| | a. Groundwater Management Plan Subcommittee | | |
| | b. Supply Options Feasibility Study Subcommittee | | |
| | c. Computer Model Update Subcommittee | | |
| | d. Outreach and Education Subcommittee | | |
| | e. In-Basin Projects Subcommittee | | |
| | f. Conservation Subcommittee | | |
| 4. | Update on Water District Legislation (AB 2453) | Various | 3:15 pm |
| 5. | Public Comment | Public | 3:30 pm |
| 6. | Committee Member Reports/Comments | Various | 3:40 pm |
| 7. | Future Agenda Items | Committee | 3:50 pm |
| 8. | Adjourn | | 4:00 pm |

The purpose of the Paso Basin Advisory Committee is to advise the County Board of Supervisors concerning policy decisions relating to:

- Implementation of the Basin Groundwater Management Plan
- Development of a “enhanced” Groundwater Management Plan for the Basin
- Formation of a new water district
- Transition of an initial County-supported district to an independent district
- Other policies and ordinances

The Committee will also serve as a public forum to discuss and collect comments on Basin issues.

PASO ROBLES GROUNDWATER BASIN ADVISORY COMMITTEE:
PASO ROBLES CITY COUNCIL CHAMBERS

June 19, 2014
Meeting Minutes

An audio recording of the meeting and materials submitted during public comment are available online at www.SLOCountyWater.org.

Approximately 2:00 pm the meeting is called to order

1. Determination of Quorum and Introductions – Quorum established.
2. Approve May Meeting Minutes – The May 22, 2014, Paso Robles Groundwater Basin Advisory Committee were reviewed and approved by the Committee upon a motion by Member Spencer, and a second by Member Engel (unanimous).
3. Consider Various Administrative Actions:
 - a. Establish Meeting Guidelines – Interim Chairperson Neil read the draft meeting guidelines. Upon motion by Member Luft, and second by Member Beal, a motion to approve the meeting guidelines was approved unanimously.
 - b. Electing a Chair/Vice Chair – Courtney Howard, County Staff, notes that there is no longer a need for “interim” chair and vice chair positions since the Board of Supervisors approved the bylaws and formally established the two officers positions, and invites nominations for Chairperson and Vice Chairperson. Member Neil was nominated and elected Chairperson and Member Wilmore was nominated and elected Vice Chair, both unanimously.
 - c. Identifying Subcommittee Participants – Member Brown states he had not been added to the following subcommittees: *AB3030*, *Model Update*, *Viticulture* and *Solutions*. *Conservation* is made a separate subcommittee from *Solutions* with a motion by Member Edwards, and a second by Member Kalvans (unanimous). Discussion ensues on further defining the *Solutions* and *Conservation* subcommittees and keeping subcommittee groups to 9 members each.
 - d. Recommending Additional Member Positions – Courtney Howard, County Staff, states there was a request from the last meeting to have the Committee consider whether to recommend to the Board of Supervisors that another member position for the Creston Advisory Body be added. Discussion ensues on also adding seats for the Templeton, San Miguel and Shandon advisory bodies, and on the pros and cons of adding another member position, including: adhering to what the Board of Supervisors want, equal/unequal representation with the current 26 committee members, and more members for public outreach and education. A motion to add

a seat each for Shandon, Creston, San Miguel and Templeton was made by Member Harvey and a second by Member Grewal did not pass (7-14-2).

4. Review Blue Ribbon Committee Outcomes – Chairperson Neil presents a brief history of and accomplishments by the Blue Ribbon Steering Committee (BRC). Approved as an advisory body by the Board of Supervisors in March 2012, the BRC’s mission was to coordinate with stakeholders to implement the Paso Robles Groundwater Basin Management Plan to ensure the health of the basin. Some of the BRC’s major outcomes include their outreach efforts to close data gaps associated with the volunteer-based well-level monitoring program, creation of the BRC website in conjunction with the Central Coast Vineyard Team, refinement of the computer model, and prioritization of near-term actions to achieve basin management objectives.
5. Update on AB3030 Basin Plan process – Courtney Howard, County Staff, provides an update on the AB3030 Basin Plan process. She states the need to move forward and to amend the plan, per the resolution of intent adopted by the Board of Supervisors in March 2014. The AB3030 subcommittee is tasked with helping review the detailed scope of work to address plan standards, updating the plan with new data, and presenting milestones to the full advisory committee. Chairperson Neil offers a 2-page summary of AB3030, to be available on the pasobasin.org website.
6. Update on Model Update/ Supply Options Projects – Courtney Howard, County Staff, provides an update on the computer model update, and supply options projects. Ms. Howard notes the computer model is now calibrated, and that while the inflow and outflow numbers have not changed significantly since December 2013, the numbers are now refined and validated. Next steps include performing a sensitivity analysis and a growth/no growth scenario run to see how the basin will look in 30 years. The modeling subcommittee will participate in the identification of possible additional scenarios, note the model’s representation of the interconnectivity of the main and sub-basin, and test possible solutions. Discussion ensues on what scenarios the model can answer and budgeting to select the top scenarios to run. Ms. Howard notes the computer model is not parcel-based, so individual wells cannot be tested. She also notes the primary purpose of the computer model is to test water supply and not water quality. Discussion ensues on consulting Geoscience on determining the best scenarios to run.
7. Update on Special Legislation – Member Reaugh provides an update on the special legislation process. He summarizes on June 7, 2014, an amendment was made to allow not only landowners within the Paso Basin, but residents as well, to run for the 3 at-large Director positions on the proposed district board. He summarizes the unamended bill was approved by the Senate’s committee (6-0). However, the Natural Resource committee will review the document next, considering all amendments. Discussion ensues regarding which entities will review the bill next, the difference between the make-up of the board and the formation of a district, the definition of a landowner, and how the special legislation will be approved at a statewide level and not a local level.

8. Public Comment – Alternate Member Lorca suggests that it may be appropriate for the committee to consider taking a position on the Emergency Intertie and Pipeline Extension to Salinas-Nacimiento Pipeline drought project. Member Dr. Friedman requests reusable name cards. A decision was made people would bring their own. Member Crouch suggests that each member prioritize what subcommittee they wish to join so that the number of participants can be kept below a quorum. Member Edwards announces LT Creek Winery is hosting a holistic sheep and vineyard workshop on June 20, 2014 from 9am to 4pm. She also announces the California Department of Food and Agriculture is hosting a \$50,000 grant for water efficient measures and projects. She offers the Upper-Salinas Las Tablas Resource Conservation District (US-LT RCD) will help anyone write a grant if they wish to apply. Member Beal announces a plant-based irrigation management class with the Vineyard Team on July 8, 2014, from 8:30am to 12:00pm. She also announces the Vineyard Team has partnered up with PG&E to create a cost share incentive for growers to install flow meters. Matt Thompson, City of Paso Robles Wastewater Manager, announces the City of Paso Robles in conjunction with RMC Engineering will host their 4th workshop to identify potential implementation measures for the salt and nutrient management plan on June 20, 2014, at 2pm.
9. Future Meeting Topics/ Committee Comments – Suggested future meeting topics include a standing opportunity for an educational item and/or member reports.

Meeting adjourned approximately 3:40 pm.

PASO ROBLES GROUNDWATER RESOURCES ADVISORY COMMITTEE 2014

Organization	Representative		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AGENCIES, ORGANIZATIONS AND ASSOCIATIONS														
Atascadero Mutual Water Company	John Neil	M					X	X						
	Jaime Hendrickson	A						X						
Central Coast Vineyard Team	Kris Beal	M					X	X						
	Willy Cunha	A					X							
City of Atascadero	Vacant	M												
	Vacant	A												
City of Paso Robles	Christopher Alakel	M					X	X						
	Christine Halley	A												
City of San Luis Obispo	Carlyn Christianson	M						X						
	John Ashbaugh	A												
County of Monterey (Resource Management Agency)	Tom Moss*	M												
	Carl Holm*	A												
Monterey County Water Resources Agency	Robert Johnson	M					•	X						
	Howard Franklin	A					•	X						
Paso Robles Imperiled Overlying Rights (PRIOR)	Steve Sinton	M					•	•						
	Kent Gilmore	A					X							
Paso Robles Wine Country Alliance	Patricia Wilmore	M					X							
	Jerry Reaugh	A					X							
San Miguel Community Services District	Anthony Kalvans	M					X	X						
	Dan Gilmore	A					X	X						
Shandon (County Service Area 16)	Donna Ellis	M					X	X						
	Vacant	A												
SLO County Cattlemen's Association	Kurt Bollinger	M					X							
	Dale Evanson	A												
SLO County Farm Bureau	Paul Clark	M					X	X						
	Megan Silcott	A					X							
Templeton Community Services District	Jeff Britz	M					X	X						
	Tina Mayer	A												
Upper Salinas-Las Tablas RCD	Laura Edwards	M					X	X						
	Devin Best	A					X	X						
AT-LARGE														
Viticulture Agriculturalist At-Large	Dana Merrill	M					X							
	Robert Brown	A					X	X						
Non-Viticulture Irrigated Crop Agriculturalist At-Large	Bill Spencer	M					X							
	John DeRosier	A												
Environmental At-Large	Sue Harvey	M					X	X						
	Daniel Meade	A					X	X						
Rural Residential At-Large	Sue Luft	M					X	X						
	Michael Baugh	A					X	X						
	Claudia Engel	M					X	X						
	Maria Lorca	A					X	X						
	Edward C. Redig	M					X	X						
	Jim DeRose	A					•	X						
	Steve Crouch	M					X	X						
	William Frost	A					X							
	George Tracy	M					•	•						
	Don Wilson	A					X	•						
(District 1)	Randy Diffenbaugh	M					X	X						
	Randy Heinzen	A					X	X						
(District 5)	Greg Grewal	M					X	X						
	Dr. Serena Friedman	A						X						
Undesignated At-Large	Larry Werner	M					X							
	Miller Newlon	A					X	X						

M = Member; A = Alternate; NM = New Member; NA = New Alternate; O = Other Representatives (e.g Staff, Council, Board, etc.)
~~strikethrough text~~ = indicates that this individual is no longer serving in this role; • = Notified of absence or conflict

* = To be confirmed at a future BOS meeting
 ** = Membership to be confirmed by the BOS on _____.

PASO ROBLES WATER RESOURCES ADVISORY COMMITTEE

2014 GUEST LIST

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Beth Wray						X						
Blane Reely					X							
C.Z. Whitney					X							
Caleb Nott						X						
Cherie Du						X						
Dale Tozzi					X							
Daniel Heimel					X	X						
John Hollenbeck					X	X						
Laurie Gage					X							
Mark Williamson					X							
Matt Thompson						X						
Mike Mersmer					X							
Pal Kaselionis					X							
Robert Hartzell					X							
Ron Munds						X						
Sheila Lyons					X	X						
Vicki (Shelby) Fogleman					X	X						

TO: Paso Basin Advisory Committee

FROM: Courtney Howard, Water Resources Staff Engineer

DATE: July 17, 2014

SUBJECT: Agenda Item #3: Finalize Subcommittees

Recommendations

1. Receive an update from staff;
2. Finalize the subcommittees to be established;
3. Approve participants on each; and
4. Identify a chair for each.

Discussion

Recommended Participants

During the June meeting, the committee formed six subcommittees and asked members to email staff their preference for participation on any of the subcommittees. The results of the polling are included in Attachment "A." Staff was tasked with developing recommendations for participants on the subcommittees using the following general criteria:

- 9 participants or less
- Balanced mix of member types

Staff's recommendations for participants on each subcommittee are included as Attachment "B."

Recommended Revisions to Subcommittee Names/Purpose

Based on recent State-led activities and feedback from committee members, the following revisions are recommended for the subcommittees. Updated summaries of each subcommittee are included as Attachment "C."

1. Groundwater Management Planning Subcommittee (Previously AB 3030 Groundwater Management Plan Subcommittee): It is recommended that this subcommittee name be revised to reflect the need to consider pending groundwater management legislation and other management strategies identified in the Blue Ribbon Committee's prioritized list of solutions that may guide potential amendments to the existing AB 3030 Plan or require the development of a different type of groundwater management approach.
2. In-Basin Projects Subcommittee (Previously Basin Solutions and Implementation Subcommittee): It is recommended that the name be changed to reflect a more focused purpose for the subcommittee – to identify and evaluate physical options for stabilizing and managing groundwater levels in the basin (e.g. stormwater detention systems, formation of community or irrigation systems to deliver supplemental water, etc.). This is different from the Supply Options Feasibility Study and subcommittee, which is only focused on evaluating the availability of supplemental water supplies. Top priority management and conservation strategies identified by the Blue Ribbon Committee would be considered by the Groundwater Management Planning and Conservation subcommittees, respectively.

ATTACHMENT A
2014 PASO ROBLES GROUNDWATER RESOURCES ADVISORY COMMITTEE
PROPOSED SUBCOMMITTEES

Organization	Representative		Management	Supply Options	Model Update	Outreach	In Basin Projects	Conservation
AGENCIES, ORGANIZATIONS AND ASSOCIATIONS								
Atascadero Mutual Water Company	John Neil	M	X	X	X			
	Jaime Hendrickson	A				X		
Central Coast Vineyard Team	Kris Beal	M			1		2	3
	Willy Cunha	A	1				2	
City of Atascadero	Vacant	M						
	Vacant	A						
City of Paso Robles	Christopher Alakel	M						
	Christine Halley	A	X	X				
City of San Luis Obispo	Carlyn Christianson	M		1			2	
	John Ashbaugh	A		E			E	
County of Monterey (Resource Management Agency)	Tom Moss*	M						
	Carl Holm*	A						
Monterey County Water Resources Agency	Robert Johnson*	M						
	Howard Franklin*	A						
Paso Robles Imperiled Overlying Rights (PRIOR)	Steve Sinton	M						
	Kent Gilmore	A						
Paso Robles Wine Country Alliance	Patricia Wilmore	M	X				X	
	Jerry Reaugh	A						
San Miguel Community Services District	Anthony Kalvans	M		1				
	Dan Gilmore	A						
Shandon (County Service Area 16)	Donna Ellis	M						
	Vacant	A						
SLO County Cattlemen's Association	Kurt Bollinger	M						
	Dale Evanson	A						
SLO County Farm Bureau	Paul Clark	M	1					
	Megan Silcott	A						
Templeton Community Services District	Jeff Britz	M		X				
	Tina Mayer	A						
Upper Salinas-Las Tablas RCD	Laura Edwards	M			2			1
	Devin Best	A						
AT-LARGE								
Viticulture Agriculturalist At-Large	Dana Merrill	M		X	X		X	
	Robert Brown	A	1					
Non-Viticulture Irrigated Crop Agriculturalist At-Large	Bill Spencer	M						
	John DeRosier*	A						
Environmental At-Large	Sue Harvey	M	X	X	X		X	
	Daniel Meade	A						
Rural Residential At-Large	Sue Luft	M	1	E	2	E	3	E
	Michael Baugh	A	2	1	E		E	3
	Claudia Engel	M	X			X	X	
	Maria Lorca	A	E	1	E	E	E	E
	Edward C. Redig	M	2		3		1	
	Jim DeRose	A	2				1	
	Steve Crouch	M	1			4	2	3
	William Frost	A	2	E	1		3	
	George Tracy	M		X	X			
	Don Wilson	A						
	(District 1)	Randy Diffenbaugh	M		2	1		
		Randy Heinzen	A			2		1
	(District 5)	Greg Grewal	M				1	
		Dr. Serena Friedman	A		1		E	
Undesignated At-Large	Larry Werner	M						
	Miller Newlon	A					X	
Total			9	9	9	3	9	5

Yellow - Water Purveyors
Green - Conservation/Environment focused entities
Blue - Agricultural entities
Purple - Rural residential reps

ATTACHMENT B
 2014 PASO ROBLES GROUNDWATER RESOURCES ADVISORY COMMITTEE
 PROPOSED SUBCOMMITTEES

Management		Supply Options		Model Update		Outreach		Solutions		Conservation	
John Neil	AMWC	Christine Halley	Paso Robles	John Neil	AMWC	Jaime Hendrickson	AMWC	Willy Cuhna	CCVT	Kris Beal	CCVT
Willy Cuhna	CCVT	Carlyn Christianson	SLO	Kris Beal	CCVT	Claudia Engel	Rural	Carlyn Christianson	SLO	Laura Edwards	RCD
Christine Halley	Paso Robles	Anthony Kalvans	San Miguel	Laura Edwards	RCD	Steve Crouch	Rural	Patricia Wilmore	PRWCA	Michael Baugh	Rural
Paul Clark	Farm Bureau	Jeff Britz	Templeton	Dana Merrill	Viticulture			Dana Merrill	Viticulture	Steve Crouch	Rural
Bob Brown	Viticulture	Dana Merrill	Viticulture	Sue Harvey	Environmental			Sue Harvey	Environmental	Randy Heinzen	Rural (D1)
Sue Harvey	Environmental	Michael Baugh	Rural	Sue Luft	Rural			Claudia Engel	Rural		
Sue Luft	Rural	Maria Lorca	Rural	Edward Redig	Rural			Edward Redig	Rural		
Jim DeRose	Rural	George Tracy	Rural	William Frost	Rural			Greg Grewal	Rural (D5)		
Steve Crouch	Rural	Dr. Serena Friedman	Rural (D5)	Randy Diffenbaugh	Rural (D1)			Miller Newlon	Rural		

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Attachment C
Paso Robles Groundwater Basin Advisory Committee
Proposed Subcommittees

July 17, 2014

1. Groundwater Management Planning Subcommittee

The City of Paso Robles and San Luis Obispo County Flood Control and Water Conservation District (Flood Control District) developed and adopted the initial AB 3030¹ Groundwater Management Plan² (AB 3030 Plan) for the City and the unincorporated area of the Paso Robles Groundwater Basin (basin) in San Luis Obispo County (exclusive of local agency³ boundaries) in 2012. Since that time, additional computer modeling and data collection, governance structure and solutions feasibility efforts have been initiated. Consequently, it was seen as timely to begin amending the AB 3030 Plan in a manner consistent with State Water Code in order to incorporate these basin issues. The Board of Supervisors approved a resolution of intent to amend the AB 3030 Plan on March 18, 2014. Current Water Code requires that the amended Plan be considered for adoption within two years from that date – March 18, 2016.

The State Legislature and Executive Office in the process of developing legislation – AB 1739, SB 1168 and the Governor’s office⁴ – that would likely change the procedures and requirements for AB 3030 plans and groundwater management in general (please note that this is not the same legislation under development for the Paso Basin Water District – AB 2453). Consequently, specific amendments to the AB 3030 Plan are not being pursued at this time and the charge of the subcommittee is proposed to include following the legislation and the potential revised approach to updating the existing AB 3030 Plan.

If State Water Code does not change, amending the existing AB 3030 Plan for the basin will require the same procedures as its original adoption including the March 18, 2014 resolution of intent, public notifications, stakeholder outreach and participation, hearing requirements, and the opportunity for landowners to protest. If landowners whose land value exceeds 50% of the value of all land covered by the AB 3030 Plan submit protest against adoption of the amendments, then they cannot be adopted or reconsidered for one year. The process and timing of amending the existing AB 3030 Plan will also need to consider water district efforts and legislation that may be approved in 2014.

Charge of the Subcommittee:

¹ See CA Water Code Section 10750 et seq. for the legislative provisions associated with the development and implementation of an AB 3030 Plan. Note that certain provisions took effect after the existing AB 3030 Plan’s adoption. http://leginfo.legislature.ca.gov/faces/codes_displayexpandedbranch.xhtml

² <http://www.slocountywater.org/site/Water%20Resources/Water%20Forum/pdf/201103%20-%20Paso%20Basin%20Final%20GMP.pdf>

³ Local public agencies that provide water service and other agencies that provide flood control, groundwater management or groundwater replenishment (but do not fall within the statutory definition of “local agency”)

⁴ Office of Planning and Research Comparison Document:

http://www.slocountywater.org/site/Frequent%20Downloads/pdfs/Groundwater%20Legislation%20Proposals_Comparison%206-19-14.docx

- Review pending legislation
- Review the detailed outline associated with amending the AB 3030 Plan and the preliminary Water District comparison from consulting firm HydroMetrics when available
- Advise the full Paso Robles Groundwater Basin Advisory Committee (PBAC) on the salient features of the outline
- Engage in the amendment process at key milestones to provide updates and seek direction from the full Committee
- Make recommendations to the full Committee on how the 12 components of an AB 3030 Plan required under Water Code Section 10753.7 should be incorporated into the amended AB 3030 Plan.

2. Supplemental Water Supply Options Feasibility Study

On January 28, 2014, the Board of Supervisors approved a contract⁵ with Carollo engineers to evaluate water supply options for the Paso Robles Groundwater Basin. In order to inform in detail the public and entities who might implement a project(s), the scope of work includes defining and evaluating:

- How much State Water, Nacimiento Water and Recycled Water may be available, including its quality/suitable uses
- When each water supply option may be available (i.e. how long into the future, duration, wet/normal/dry years)
- Alternative points of delivery to the basin for each water supply option
- Costs
- Other considerations including regulatory, contractual, environmental, financial, timing and public/institutional acceptance

Charge of the Subcommittee:

- Engage in the Supply Options study at key milestones to advise the full Committee. For example:
 - Provide input on the detailed task schedule when available
 - Participate in public workshops
 - Review and provide comment on written materials
 - Make recommendations to the full Committee on the prioritization of supplemental water projects based on availability, reliability, and feasibility.
- Following the Nacimiento Commission's consideration of the Participating Agencies' options for subscribing to the full allocation, short term agreements with agricultural entities, and other supply options that may affect the basin (ST-12, ST-13, MLT-1, MLT-3)

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<http://www.slocountywater.org/site/Water%20Resources/Water%20Forum/SOS/pdf/Supply%20Options%20Carollo%20Agreement%20Executed.pdf>

3. Computer Model Update Subcommittee

The next milestones for the model update are using the model to run two baseline scenarios and the draft Model Update Report with public meeting. Previous deliverables/milestones were reviewed by the BRC's subcommittee.

Charge of the Subcommittee:

- Provide input on the draft report when available
- Review the various scenarios that could be evaluated with the updated model and make recommendations to the full Committee on which scenarios should be evaluated.

4. Outreach and Education Subcommittee

Charge of the Subcommittee:

- Provide input on the integration of outreach, education and conservation programs into the amended AB 3030 Plan
- Provide input on the approach to advertising for and conducting public workshops associated with basin efforts
- Provide input on the basin website(s)
- Provide input on how to convey technical information, such as the computer modeling results

5. In-Basin Projects Subcommittee

This subcommittee would focus on in-basin physical solutions that are identified on the Blue Ribbon Committee's prioritized solutions list (Attachment "1") and are not covered by another subcommittee. Potential areas of focus include:

- Discussing the options/pros/cons for in-basin multi-party sponsored systems to convey or retain supplemental water, groundwater and/or storm water for residential, agricultural and/or environmental needs and groundwater management in geographically specific areas. For example, county service areas, irrigation districts, in- or off-stream retention systems on private property, etc. (ST-1, ST-3, MLT-3, MLT-5) The study of recharge areas in the basin being conducted by the Upper Salinas-Las Tablas Resource Conservation District would inform this discussion.
- Monitor and report on Solutions in progress such as the efforts of the City of Paso Robles and the Atascadero Mutual Water Company to utilize additional Nacimiento water to further recharge the basin. (C-1 through 10)

6. Conservation Subcommittee

This committee would focus on basin-wide conservation solutions that are identified on the blue ribbon committees prioritized solutions list (Attachment "1"). Areas of focus might include:

- Participating in the promotion, evaluation and potential implementation of effective conservation projects and programs such as the mobile irrigation lab, conservation projects and best management practice education/certification programs (ST-2, ST-3, ST-4, ST-7, MLT-5)
- Participating in the development of the groundwater/water-related conservation ordinances being developed by the Planning Department and Public Health Agency, including the “No Water Waste” and the “Water Neutral New Development” ordinances (ST-2, ST-5, ST-8, MLT-4, MLT-6)⁶

⁶ Relevant Solution Numbers - Refer to the Blue Ribbon Committee’s prioritized solutions list (Attachment “1”)

**Paso Robles Groundwater Basin Management Plan
Blue Ribbon Steering Committee
Top Ranked Solutions
August 21, 2013**

Solution Number	Solution Category	Water User	Solution
Emergency Solutions			
E-1	Management	Rural Residential	Provide a potable water source for use in trucking water to homes for emergency purposes.
E-2	Management	All areas	Create a structure to achieve an equitable allocation of safe yield for all Basin water users.
Short Term Solutions (Implementation in 1 to 5 years)			
ST-1	Management	All areas	Create a Basin-wide groundwater management structure(s). Create water districts or other management authorities to convey water to agricultural users and create small community systems for rural communities.
ST-2	Conservation	All areas	Identify, implement, and make available appropriate Best Management Practices.
ST-3	Management	Rural Residential, Agriculture and Rural Non-Domestic	Encourage projects that detain or slow runoff to recharge the Basin.
ST-4	Conservation	Rural Residential and Rural Non-Domestic	Maximize water use efficiency as appropriate to achieve water use reduction.
ST-5	Conservation	All areas	Meter all new and replacement wells and measure all well outputs and report.
ST-6	Conservation	Urban - Templeton and San Miguel	Participate in California Urban Water Conservation Council policies and practices as appropriate.
ST-7	Conservation	Rural Residential, Agriculture and Rural Non-Domestic	Conduct regular outreach activities.
ST-8	Management	Rural Residential, Agriculture and Rural Non-Domestic	Require new development to be water neutral.
ST-9	Management	All areas	Annually monitor status of Basin to determine whether solutions are effective.
ST-10	Management	Rural Residential	Require disclosure when land is sold that Basin is in decline and may not be suitable to rely on for intensive use.
ST-11	Conservation	Urban – Paso Robles, Atascadero, Templeton, San Miguel	Reduce per capita consumption to offset growth in service area where appropriate.
ST-12	Supplemental	All areas	Exchange or bank Nacimiento water with Santa Margarita Lake to benefit Basin.
ST-13	Supplemental	Paso Robles	Structure operations to use alluvial water first, Nacimiento water second and Basin last.
Medium and Long Term Solutions (Implementation in 6-10 years (Medium) and greater than 10 years (Long Term))			
MLT-1	Supplemental	All Areas	Implement water supply options associated with State Water and the Salinas River Corridor (may include use of Nacimiento & other areas of Basin & increasing the capacity of Santa Margarita Lake).
MLT-2	Supplemental	Monterey County	Explore opportunities with Monterey County including Lake Nacimiento / Lake San Antonio intertie (tunnel).
MLT-3	Supplemental	All areas	Direct delivery of unsubscribed Nacimiento or State Water Project allocation water.
MLT-4	Management	All areas	Prohibit groundwater exports from the Basin.
MLT-5	Management	All areas	Establish mechanisms to protect recharge areas and maximize watersheds.
MLT-6	Recycling	All areas	Incentivize the installation of grey water reuse systems onsite.
Completed or Already in Progress Solutions			
C-1	Supplemental	Atascadero	Utilize the full allocation (2,000 AFY) by fully utilizing the existing percolation ponds.
C-2	Conservation	Urban – Paso Robles and Atascadero	Participate in California Urban Water Conservation Council policies and practices.
C-3	Conservation	Agriculture – Irrigated Crops	Conduct outreach for County's groundwater level monitoring program.
C-4	Management	Agriculture & Rural Residential	Implement ordinances to prohibit subdivisions of land or General Plan Amendments in the Basin.
C-5	Management	Rural Residential	Implement landscaping ordinance.
C-6	Management	All areas	Establish baseline conditions of Basin through updated model.
C-7	Management	All areas	Implement landscaping ordinance (ag processing).
C-8	Management	Rural Residential	Implement Low Impact Development standards.
C-9	Supplemental	Templeton	Maximize or increase the use of the full Nacimiento allocation (250 AFY).
C-10	Supplemental	Shandon	Connect Shandon to State Water Project and set up distribution system (100 AFY).