

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LAHONTAN REGION**

**MEETING OF SEPTEMBER 16-17, 2015  
BARSTOW**

**ITEM:** 10

**SUBJECT:** **SCOPING MEETING - 2015 TRIENNIAL REVIEW OF THE WATER QUALITY CONTROL PLAN FOR THE LAHONTAN REGION (BASIN PLAN)**

**DISCUSSION:** Periodic review and update of Basin Plans is required under state and federal law. The “Triennial Review” process in California involves Water Board action to prioritize a list of basin planning issues for the staff to address over the following three years. Triennial Review is not a regulatory action (unless it includes adoption of Basin Plan amendments) and, therefore, does not require environmental review.

For the 2015 Triennial Review process, Water Board staff prepared a draft list of basin planning topics, a staff report, and the status of each topic on the 2012 Triennial Review list. Enclosure 1 is the August 10, 2015 letter that requested public review with a link to the proposed list of topics. Enclosure 2 contains the draft 2015 Triennial Review staff report.

The draft 2015 Triennial Review topics list shows 22 items that staff have estimated would require about 15 person-years (PYs) to complete over three years. The Water Board receives approximately two PYs for Basin Planning each year. Of the 22 listed items, staff is currently working on 14 items.

This scoping meeting is being held to 1) inform the Water Board members and public about the Triennial Review process and items on the draft list, and 2) to accept public comments and discuss basin planning priorities for the Lahontan Region. The draft 2015 list is meant to open the discussion about priorities and may include suggestions to either add or delete items from the list.

Public comment deadline is September 24, 2015, so staff will consider all comments received, including input from the Water Board members, in proposing a final 2015 Triennial Review priority list. Staff has tentatively scheduled a public hearing for adoption of the 2015 Triennial Review at the Water Board’s

November 2015 meeting in Barstow.

**RECOMMEND-  
ATION:** No action at this time, but Water Board members may provide input or direction to staff on Basin Planning priorities.

<b>Enclosure</b>	<b>Item</b>	<b>Bates Number</b>
<b>1</b>	August 10, 2015 letter requesting public review	<b>10-5</b>
<b>2</b>	Staff Report on 2015 Triennial Review (draft)	<b>10-9</b>
<b>3</b>	Water Board staff presentation	<b>10-49</b>

# **ENCLOSURE 1**

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**Lahontan Regional Water Quality Control Board**

August 10, 2015

**\*\*\*\*NOTIFICATION\*\*\*\***

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LAHONTAN REGION**

**NOTICE OF SCOPING MEETING and REQUEST FOR PUBLIC INPUT  
TRIENNIAL REVIEW OF THE LAHONTAN BASIN PLAN**

NOTICE IS HEREBY GIVEN that the Lahontan Regional Water Quality Control Board will hold a public scoping meeting for input on its list of priority projects for Triennial Review of the Water Quality Control Plan for the Lahontan Region (Basin Plan). The Basin Plan includes water quality standards and control measures for surface and ground waters within watersheds east of the Sierra Nevada crest and in the northern Mojave Desert. The Triennial Review process meets state and federal requirements for periodic review and update of Basin Plans. Potential projects for plan revisions include changes in water quality objectives and beneficial uses for specific water bodies, and changes to reflect plans and policies adopted by other agencies. Public comments are invited on these and any other issues that should be addressed in future plan amendments.

In November 2015, the Board will consider adopting the Triennial Review list – a prioritized issues list to direct planning efforts for the next three years. Adoption of the Triennial Review list does not necessarily mean that the Board will adopt subsequent revisions to the Basin Plan. Water Board staff will investigate issues and propose plan amendments for Water Board consideration at future public hearings.

A public scoping meeting will be held on September 17, 2015, to receive public input on the draft 2015 Triennial Review list.

The public scoping meeting will be held during the Water Board's regular meeting.

DATE: September 17, 2015

TIME: To be determined

PLACE: Holiday Inn Express & Suites  
2700 Lenwood Road  
Barstow, CA 92311 (760) 253-9200

KIMBERLY COX, CHAIR | PATTY Z. KOUYOUMDJIAN, EXECUTIVE OFFICER

The meeting room will be accessible to people with disabilities. Individuals who require special accommodations or have special language needs are requested to contact Sue Genera at (530) 542-5414 or [sgenera@waterboards.ca.gov](mailto:sgenera@waterboards.ca.gov) at least five working days prior to the meeting. TTY/TTD/Speech to Speech users may dial 7-1-1 for the California Relay Service.

### REQUEST FOR PUBLIC INPUT

Lahontan Water Board staff requests written comments from the public on Triennial Review priorities. Comments and questions should be directed to Richard Booth at the address or fax number above, or emailed to [Richard.Booth@waterboards.ca.gov](mailto:Richard.Booth@waterboards.ca.gov). Richard Booth's telephone number is (530) 542-5574.

Approximately, August 10, 2015, the draft 2015 Triennial Review list and related information will be available online at [http://www.waterboards.ca.gov/rwqcb6/water\\_issues/programs/basin\\_plan/index.shtml](http://www.waterboards.ca.gov/rwqcb6/water_issues/programs/basin_plan/index.shtml)

**Comments are due by the end of day September 24, 2015.**



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Richard W. Booth  
Chief, TMDL/Basin Planning Unit

August 10, 2015

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Date

# **ENCLOSURE 2**

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DRAFT

STAFF REPORT

on

**2015 Triennial Review  
of the  
Water Quality Control Plan  
for the Lahontan Region**

California Regional Water Quality Control Board  
Lahontan Region  
2501 Lake Tahoe Boulevard  
South Lake Tahoe CA 96150

September 1, 2015

Contact Person:

Rich Booth  
Chief, TMDL/Basin Planning Unit  
Telephone: (530) 542-5574  
Email: [RBooth@waterboards.ca.gov](mailto:RBooth@waterboards.ca.gov)

## **Introduction**

The California Regional Water Quality Control Board, Lahontan Region (Water Board) is the state agency responsible for setting and implementing water quality standards in about 20% of California - east of the Sierra Nevada crest and in the Northern Mojave Desert (Figure 1). Water quality standards and control measures are contained in the Water Quality Control Plan for the Lahontan Region (Basin Plan). The current Basin Plan took effect in 1995, replacing three earlier plans. As of early 2015, 16 sets of amendments to the 1995 plan have received all necessary approvals. The Basin Plan is available on the Water Board's Internet web page at: <http://www.waterboards.ca.gov/lahontan>.

State and federal laws require periodic review and revision of Basin Plans; the federal process is called "Triennial Review." Due to resource limitations and the complexity of California's plan amendment process, Triennial Review in California is generally limited to identification of high priority planning topics to be addressed over the three years between one Triennial Review cycle and the next. Unless it actually involves adoption of plan amendments, Triennial Review is not a regulatory action and does not require environmental analysis under the California Environmental Quality Act. The Water Board's current Triennial Review priorities were adopted in January 2013 and have been used to allocate resources, including Water Board staff (staff) time, towards accomplishing the priorities as much as feasible.

A public scoping meeting will be held on September 17, 2015 in Barstow. A public hearing for Triennial Review adoption is scheduled for the Water Board's November 4 and 5, 2015 meeting in Barstow.

This draft staff report provides information on the Triennial Review process and on planning topics identified by staff. Additional topics may be identified in written public comments or testimony at the September 2015 scoping meeting and the November 2015 public hearing. Staff will make final recommendations regarding priority planning topics following the public hearing. The Water Board will be asked to approve a "short list" of topics to be addressed over the following three fiscal years, and to prioritize the remaining topics for future action as resources allow. The review process does not necessarily mean that specific revisions will be made to the Basin Plan, but after investigation by staff, the identified topics may result in Basin Plan amendments. The Executive Officer or the Water Board has the ability to change priorities between the Triennial Review cycles.

## **Water Quality Standards**

In California, water quality standards include designated beneficial uses of water, narrative and numerical water quality objectives, and a nondegradation policy. Water quality objectives are similar to federal "water quality criteria," but objectives are regulatory and criteria are not. Water quality standards in the Lahontan Basin Plan are set forth in Basin Plan Chapters 2, 3, and 5.

[http://www.waterboards.ca.gov/lahontan/water\\_issues/programs/basin\\_plan/reference\\_s.shtml](http://www.waterboards.ca.gov/lahontan/water_issues/programs/basin_plan/reference_s.shtml)). The plan's beneficial use tables (Tables 2-1 and 2-2) include both existing and potential beneficial uses. Most of the numerical objectives are based on historical water quality data collected before adoption of the 1975 North and South Lahontan Basin Plans, and reflect antidegradation considerations rather than numeric criteria for the protection of specific beneficial uses. Unless criteria for variances to objectives are specifically included in the Basin Plan, variances or exceptions cannot be granted without Basin Plan amendments to revise the objectives.

Applicable water quality standards also include numerical limits for toxic "priority pollutants" promulgated as surface water standards by the U.S. Environmental Protection Agency (USEPA) under the National Toxics Rule and California Toxics Rule. These standards have not yet been physically incorporated into the Basin Plan.

All of the waters of the Lahontan Region are internally drained, and many of them are isolated. The U.S. Army Corps of Engineers has determined that some waters within the Lahontan Region are not "waters of the United States" under the federal Clean Water Act. State standards still apply to any "waters of the State" that are determined not to be waters of the United States.

### **Triennial Review Process and Public Participation**

The Water Board's 2015 Triennial Review Process involves:

- Sending staff's draft topics list and the hearing notices to the Water Board's Basin Plan mailing list and to an electronic mailing list for Triennial Review.
- Making copies of the hearing notice, topics list, and this staff report available on the Water Board's webpage.
- Providing a 45-day public review period (August 10 through September 24, 2015) for the topics list and the opportunity to submit other topics and written comments.
- Preparing written responses to written public comments. All written comments and responses will be provided to the Water Board before the hearing.
- Testimony at the September 2015 scoping meeting and the November 2015 public hearing.
- Water Board adoption of a resolution identifying priority planning topics to be addressed by staff and topics requiring additional funding.
- Submission of the adopted priority list to the State Water Resources Control Board (State Water Board) and U.S. Environmental Protection Agency (USEPA).

## Basin Plan Amendment Process

The Basin Plan amendment process is summarized in Table 1, adapted from the State Water Board's planning guidance. As the table indicates, the process is lengthy and complex. (The table does not include the revisions that may need to be made in preliminary drafts in response to comments by internal reviewers, and in response to scientific peer review.) Chronologically, the process can require six months to more than a year between the end of the "research" period in Step A. and Water Board action, and nine months or more can be required after Water Board action for the amendments to receive all needed approvals. "Research" for Basin Plan amendments can include scientific literature review and/or water quality monitoring or special studies. Scientific peer review is required for amendments involving scientific judgment, and the reviewer's comments may result in significant changes to preliminary draft amendments before they are released for public review. Following Water Board adoption, amendments must be approved by the State Water Board, the California Office of Administrative Law (OAL), and (in some cases) the USEPA. To facilitate the OAL review process, staff prepares and indexes a detailed administrative record.

### Planning Considerations

**Budget.** The Water Board's planning resources are limited. Some Basin Plan amendments may also require contracted studies for data collection (e.g., special monitoring studies to facilitate update of water quality objectives) or predictive modeling.

**Topics needing additional funding.** The State Water Board's guidance for the Triennial Review process asks Regional Water Boards to identify planning topics that would require additional funding to address. The Lahontan Water Board will be asked to choose a small subset of the planning topics identified by staff and the public for emphasis over the next three years; ideally the total estimated cost of the selected topics should not exceed the resources expected to be available within that time. All of the remaining topics will be identified as topics requiring additional funding in order to be addressed during the next three years.

**Total Maximum Daily Loads (TMDLs).** The federal Clean Water Act requires states to identify surface water bodies that are not meeting standards due to pollutants (the "Section 303(d) list"), and to prepare strategies called TMDLs to ensure attainment of standards. In California, TMDLs and TMDL implementation programs are generally (but not always) adopted as Basin Plan amendments. Priorities and schedules for TMDL development are determined through the Section 303(d) list update process and through the Regional Board's annual TMDL program workplans as informed by the *Guidance for the Prioritization of the Lahontan 303(d) List of Impaired Waters* presented to the Board at the July 2015 Board meeting. Section 303(d) listing does not necessarily mean that TMDLs (and/or Basin Plan amendments) will be developed for all listed waters; the impairment issues may be addressed in other ways.

Work on Basin Plan amendments to incorporate TMDLs will be supported with state and/or federal TMDL program funds, not basin planning funds. Public comments may be submitted on TMDL issues as part of the Triennial Review process. Responses to these comments will be prepared, and they will be added to the Water Board's Triennial Review files. However, the Water Board's action will focus on priorities for use of Basin Planning funds for planning topics other than TMDL development.

### **Status of 2012 Triennial Review Project List**

Table 2 shows the status of the 25 previous 2012 Triennial Review priority list as of August 2015.

As Table 2 indicates, priority projects related to the septic system policy and to Lake Tahoe were combined as part of the Basin Plan prohibition project (known informally as the "Basin Plan cleanup"). The Water Board adopted the Basin Plan cleanup project on April 9, 2014, and the State Board approved the Basin Plan amendments on July 2, 2014. On October 1, 2014, the Office of Administrative Law approved the Basin Plan amendments. Certain parts of these amendments are considered "standards" under the Clean Water Act, which are awaiting approval by USEPA. Standards changes include those to beneficial uses and water quality objectives.

The Antelope Valley Salt & Nutrient Management Plan was adopted by the Water Board during its November 2014 Board meeting in Barstow. Staff presented an update on the Mojave Basin Salt & Nutrient Management Plan at the June 2015 Board meeting.

Project #2 (revise water quality objectives for bacteria) is a high priority Basin Planning project with the largest resource allocation for the current Triennial Review period. Staff presented the project status to the Board during the November 2014 Board meeting in Barstow. Staff is coordinating with State Board staff on the state-wide bacteria objective project.

### **2015 Triennial Review Planning Topics**

Table 3 summarizes potential priority topics for the 2015 Triennial Review. These include:

- Priorities carried over from previous years (14 topics on pages 1 through 14),
- Ongoing work (three topics on pages 15 through 17), and
- New priorities identified by staff and stakeholders (five topics on pages 18 through 22).

The topics are purposely not numbered so that priority is not implied. Table 3 is the same list of topics distributed on the August 10, 2015 proposed list with the addition of climate change considerations added to the appropriate topics. These topics have not

yet been discussed by the Water Board as 2015 priorities. The total Person-Years (PYs) estimated for all of the 22 proposed topics over three years is 15.0. Current Basin Planning Program staff resources are approximately two PYs per year. In some cases, other program resources may be used to support basin planning activities, such as TMDL resources.

After reviewing written public comments and testimony, staff will prepare final recommendations as part of the Water Board's agenda packet for the November 2015 public hearing. Staff will request the Water Board to choose a subset of topics from Table 3 and from any new topics identified in public comments, and to direct staff to investigate these topics over the next three years and develop draft Basin Plan amendments as appropriate.

Schedules for completion of public draft amendments and Water Board action on specific topics will depend upon the complexity of the selected topics. Some of the topics may be worked upon between Fiscal Years 15-16 and 18-19, with Board action on plan amendments after 2019. If important new topics arise before the next Triennial Review, planning priorities may be changed by the Water Board or the Executive Officer. Topics not selected for emphasis in the next three fiscal years will be identified as topics requiring additional funding. If additional funding is received or outside support provided, staff will attempt to address more topics. Staff will reconsider these topics during the next Triennial Review process and may recommend them as priorities at that time.

## **Attachments**

Figure 1. Map of the Lahontan Region

Table 1. Summary of Basin Plan Amendment Process

Table 2. August 2015 Status of 2012 Triennial Review Priority Projects

Table 3. Draft 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)

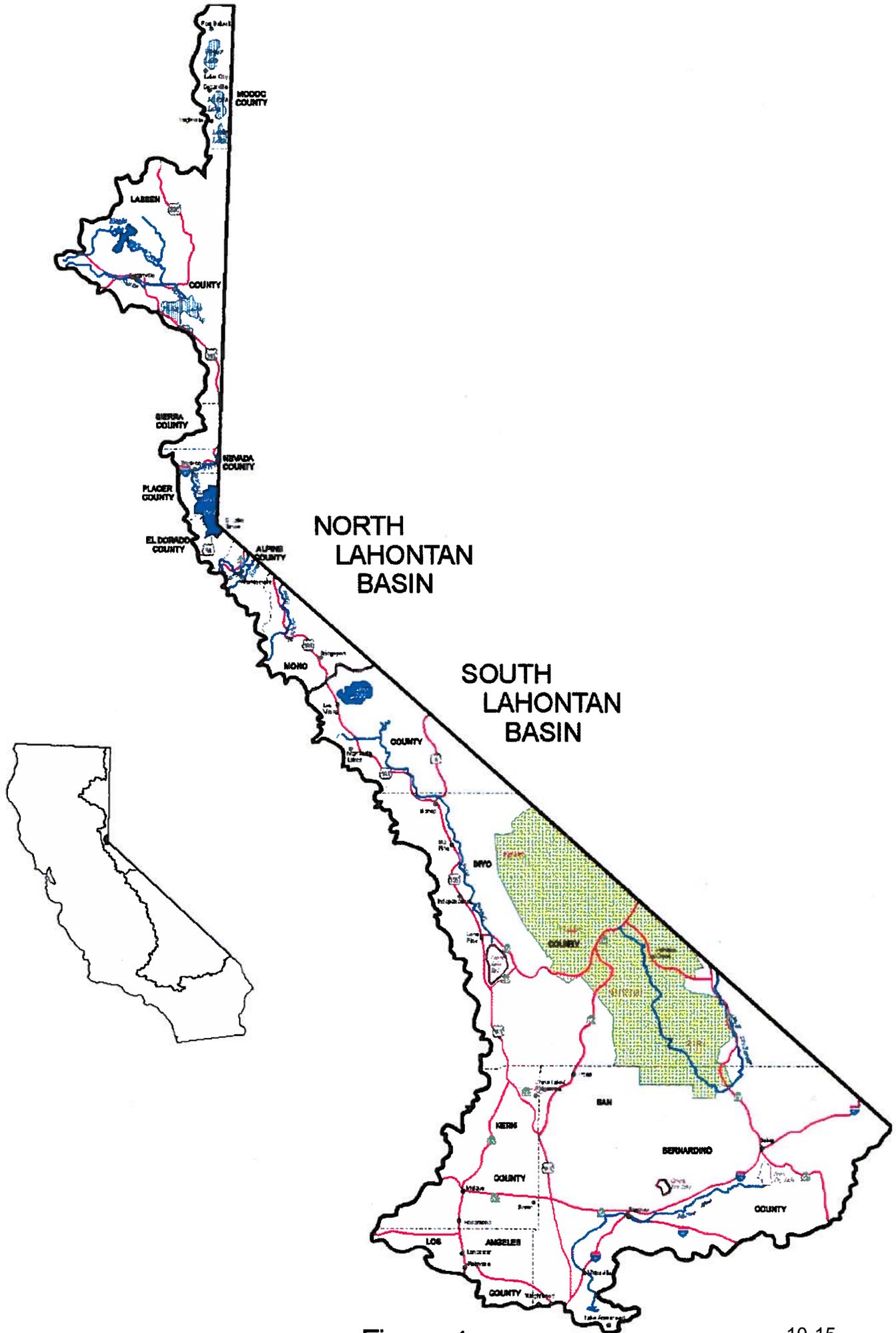


Figure 1

## Table 1 Summary of Basin Plan Amendment Process

(Refer to page 37 in the hyperlink)

WHO...	DOES WHAT?
<b>REGIONAL BOARD</b>	<p>A. IDENTIFY THE NEED for a Plan amendment based on the Triennial Review, public concerns, new or revised laws, regulations or policies, etc. Undertake work to develop solutions - research, field work (e.g. collect chemical, physical, and/or biological monitoring data; data analysis), etc.</p> <p>B. PLAN the Administrative Record for the amendment.</p> <p>C. PREPARE NECESSARY DOCUMENTS  <b>STAFF REPORT</b> on the proposed amendment; reasonable alternatives, mitigation, economic considerations, and anti-degradation as required           <ul style="list-style-type: none"> <li>• If addressing beneficial uses</li> <li>• If addressing water quality objectives</li> <li>• If addressing an implementation plan</li> </ul> <b>THE CEQA CHECKLIST</b>  <b>DRAFT AMENDMENT</b>  <b>DRAFT RESOLUTION</b> </p> <p>D. EXTERNAL SCIENTIFIC PEER REVIEW</p> <p>E. PUBLISH A HEARING NOTICE / NOTICE OF FILING at least 45 days prior to the hearing</p> <p>F. RESPOND to comments – revising the draft amendment and staff report as necessary</p> <p>G. ADOPTION HEARING</p> <p>H. REGIONAL BOARD TRANSMIT two copies of the complete administrative record to the State Board; and PARTICIPATE in SWRCB Workshop and Board Meeting</p>
<b>STATE BOARD</b>	<p>I. APPROVE AMENDMENT at a public meeting (or return it to the Regional Board for further consideration)</p>
<b>REGIONAL BOARD</b>	<p>J. TRANSMIT approved amendment to Office of Administrative Law (OAL) for review and approval of the regulatory provisions</p> <p>K. TRANSMIT the OAL approved amendment to US EPA, if needed, for review and approval of surface waters standards and their implementing provisions</p> <p>L. (1) FILE CEQA NOTICE OF DECISION with the Secretary of Resources after final approval by OAL or US EPA. (2) Either pay Department of Fish &amp; Game filing fee or submit Certificate of Fee Exemption.</p> <p>M. PRINT and DISTRIBUTE Amendment</p>

**Table 2 - AUGUST 2015 STATUS of 2012 TRIENNIAL REVIEW PRIORITY PROJECTS**

<b>Projects with Available Resources</b>	<b>Description and Estimated Completion Date</b>	<b>Status in August 2015</b>
<p>#1 Prohibition amendments (Basin Plan cleanup)</p>	<p>This project will amend Basin Plan Chapters 4 and 5 to make editorial revisions to remove inconsistencies regarding waste discharge prohibitions and exemption criteria affecting the entire Lahontan Region, add or clarify exemption criteria, and would include some unrelated changes to other parts of the plan.</p> <p>Other proposed changes to the Basin Plan include incorporating State Board policies such as authorizing use of compliance schedules and mixing zones in permits, and the 2012 State Board policy on onsite wastewater treatment systems.</p>	<ul style="list-style-type: none"> <li>• Lahontan Water Board approval on April 9, 2014</li> <li>• State Board approval on July 2, 2014</li> <li>• Office of Administrative Law approval on October 1, 2014</li> </ul> <p>Certain amendments that are considered “standards” under the Clean Water Act still need approval by USEPA.</p>
<p>#2 Revise water quality objectives for bacteria</p>	<p>Based on the results of ongoing field sampling in the Lahontan Region, revisions to federal criteria for recreational waters, and a proposed State Water Board policy (anticipated in 2014), revisions will be proposed to the current regionwide objectives for “Bacteria, Coliform” specific to our region to incorporate new information including the use of E. coli as an indicator. Water Board contractors are collecting, and Water Board staff are analyzing, data to determine whether bacteria site specific objectives for certain waterbodies are warranted. Staff is evaluating the State Board and USEPA’s E. Coli and enterococci standard setting process. Staff is evaluating options for modernizing bacteria standards.</p>	<ul style="list-style-type: none"> <li>• Field sampling for bacteria analyses are complete (for now)</li> <li>• Producing maps with features pertinent to water quality objective revision decisions</li> <li>• Preparing for public comment meetings and coordination with State Board</li> <li>• Analyses of Microbial Source Tracking samples to begin soon</li> </ul>

<b>Projects with Available Resources</b>	<b>Description</b>	<b>Status in August 2015</b>
#3 Remove the MUN beneficial use designation from select groundwater basins at China Lake Naval Air Weapons Center (NAWS)	Water Board staff has reviewed technical information provided by the U.S. Navy and recommends amending the Basin Plan to remove the MUN use designation for one groundwater basin and the shallow hydrologic zone of another groundwater basin beneath the China Lake NAWS.	This item was adopted at the February 2015 Board meeting in Apple Valley.
#4 Incorporate State Water Board onsite wastewater treatment system (OWTS) policy into the Basin Plan and revise existing language and associated changes if needed.	<p>The State Water Board adopted a policy including statewide control measures for onsite wastewater treatment systems (septic systems) on June 19, 2012. The policy directs Regional Water Boards to incorporate it into their Basin Plans within 12 months of its effective date.</p> <p>Revisions to Chapters 4, 6, and the appendices of the Lahontan Basin Plan may also be necessary for compatibility. Staff will not recommend provisions outside the OWTS Policy for systems covered by the Policy, except our prohibitions that are currently in place.</p>	The Policy was adopted at the Water Board's April 2014 as part of the Basin Plan cleanup project (Project #1, above.)
#5 Program Manager	The Basin Planning Program Manager participates in State/Regional Water Board Roundtable activities, and workplan development, provides information to the public, etc.	The Program Manager's duties are ongoing.
#6 2015 Triennial Review	Prepare the 2015 Triennial Review staff report and priority list. Host scoping meetings and hearings, as necessary, for Water Board consideration.	Scoping and public comment process has begun.

<b>Projects with Available Resources</b>	<b>Description</b>	<b>Status in August 2015</b>
#7 Miscellaneous work that will not directly result in Basin Plan amendments	Staff resources are needed for work such as: coordination with other states, other agencies, and Native American tribes regarding water quality standards; development and management of contracts related to planning; staff training, coordination with stakeholders involved with aquatic invasive species, etc.	Miscellaneous planning related work is ongoing.
#8 Review new scientific information to consider changes to the water quality objectives for nearshore areas of Lake Tahoe.	Evaluate research findings in 2013 and propose next steps to set nearshore assessment indicators as a first step to developing new nearshore water quality standards. Resource needs listed here only include staff evaluation of research findings, interagency coordination, public meetings, stakeholder outreach, and development of a workplan.	In June 2014, staff finalized a plan for implementing a monitoring plan and performing a hotspot causal assessment.

<b>Projects with Available Resources</b>	<b>Description</b>	<b>Status in August 2015</b>
#9 Incorporate Antelope Valley Salt and Nutrient Management Plan into the Basin Plan	The State Water Board's Recycled Water Policy directs Regional Water Boards to incorporate Salt and Nutrient Management Plans (SNMPs) completed by stakeholder groups into the Basin Plan.	The Antelope Valley SNMP was accepted by the Lahontan Water Board at their November 2014 Board meeting. No Basin Plan amendment is required.
#10 Incorporate Mojave Basin Salt and Nutrient Management Plan into the Basin Plan	The State Water Board's Recycled Water Policy directs Regional Water Boards to incorporate SNMPs completed by stakeholder groups into the Basin Plans. Consider revising water quality objectives for Mojave groundwater and river to account for expected changes in salt and nutrients.	Staff will present an update on the Salt & Nutrient Management Plan for the Mojave Basin at the November 2015 Board meeting.
#11 Update Chapter 5 of the Basin Plan to reflect pending revisions to the Tahoe Regional Planning Agency's (TRPA's) regional land use and water quality plans.	Chapter 5 of the Lahontan Basin Plan incorporates the regulatory provisions of TRPA's 1988 Water Quality Management Plan for the Lake Tahoe Region ("208 Plan").  TRPA adopted revisions to its regional land use plan on December 12, 2012, and is beginning revisions to the 208 Plan. Staff resources are needed to coordinate with TRPA to ensure consistency with the Lake Tahoe TMDL. Changes to Basin Plan Chapter 5 may be necessary to reflect the TRPA plan revisions as finally adopted.	The updates were adopted at the Water Board's April 2014 as part of the Basin Plan cleanup project (Project #1, above.)

**[Projects #12 through #25, listed below, require additional resources to complete]**

<b>Projects Requiring Additional Resources</b>	<b>Description</b>	<b>Status in August 2015</b>
#12 Hydromodification  (Riparian Protection Policy)	Revise Basin Plan to include specific implementation measures to protect all beneficial uses or ground and surface waters from the effects of development and hydromodification. Specific emphasis is needed on protecting desert surface waters, including measures to control or prevent excessive erosion of soft soils and subsequent down stream sediment deposition, adversely impacting Aquatic and Wildlife Habitats.	No staff work performed specific to a Basin Plan amendment.
#13 Biological indicators	Revise existing narrative water quality objective for protection of aquatic communities (nondegradation of aquatic communities objective).	No staff work performed specific to a Basin Plan amendment.
#14 Squaw Valley groundwater withdrawal	Evaluate the effects of potential increased groundwater withdrawal in Squaw Valley on the water quality of Squaw Creek and its tributaries. In particular, examine the interplay of water supply and water quality influencing biological conditions and a consideration of flow requirements for Squaw Creek.	A consultant for Squaw Valley Public Services District submitted a Squaw Creek/Aquifer interaction study in November 2014. The Executive summary states, "The study added to understanding the Valley's hydrology and provided guidance on how to avoid negative impacts to Squaw Creek."  Staff is evaluating the study.
#15 Revised Hot Creek water quality objectives	Develop revised objectives for Hot Creek (Owens River HU) based on changes in water quality related to increased constituent levels emanating from the natural groundwater flows entering the creek.	No staff work performed specific to a Basin Plan amendment.

<b>Projects Requiring Additional Resources</b>	<b>Description</b>	<b>Status in August 2015</b>
#16 Adopt or revise site-specific water quality objectives for Fish Springs in the Owens Valley to facilitate NPDES permitting for a state fish hatchery.	The Department of Fish and Wildlife operates Fish Springs hatchery in the Owens Valley where source water is ground water and the discharge from the hatchery forms Fish Springs Creek. The Basin Plan currently has an objective for Fish Springs Creek above the hatchery; however, water no longer exists at that location. Water Board proposes removing this objective from the Basin Plan and setting an objective for Fish Springs creek below the hatchery. This effort may involve gathering additional water quality information from LADWP.	No staff work performed specific to a Basin Plan amendment.
#17 Susan River site specific objectives	Develop revised objectives for section of the Susan River and its tributaries downstream of Susanville’s Community Services District (District). Consider lowering water quality while ensuring continued protection of beneficial uses. Staff will need to involve the District, current downstream agricultural users, and the Department of Fish and Wildlife in evaluating alternatives including: increased treatment, increased land disposal capacity, and establishing or ensuring minimum flows in Susan River and its tributaries.)	No staff work performed specific to a Basin Plan amendment.
#18 Revise Chapter 3 language on determining compliance with water quality objectives.	The proposed revisions would change water quality objectives expressed as “means of monthly means” to annual means and define minimum sample numbers and sampling frequencies for determining compliance with objectives. This could avoid the need for new Clean Water Act Section 303(d) listings based on very small sample numbers, and facilitate delisting.	No staff work performed specific to a Basin Plan amendment.
#19 Dairies Strategy	Revise the Basin Plan, Section 4.10, to include an updated Dairy Regulatory Strategy to address groundwater pollution from dairies. (It may be possible to implement an appropriate strategy without a Basin Plan amendment.)	No staff work performed specific to a Basin Plan amendment. Staff continues to implement the 2010 Dairies Strategy.

<b>Projects Requiring Additional Resources</b>	<b>Description</b>	<b>Status in August 2015</b>
#20 BIOLOGICAL Beneficial Use for Mojave River	Add the Biological Use (BIOL) for specific reaches of the Mojave River with remaining viable habitat, specifically from Bear Valley Road to Helendale.	No staff work to date specific to a Basin Plan amendment.
#21  Clarify Table 2-1, for Hydrologic Unit 628 (Mojave River)	Correct duplicative features of list of beneficial uses between the major and sub-watershed of the Mojave River Hydrologic Unit.	The Policy was adopted at the Water Board's April 2014 as part of the Basin Plan cleanup project (Project #1, above.)
#22 Eagle Lake "building moratorium"	Amend the Basin Plan to lessen restrictions on building density for septic systems. This project may be addressed by incorporating State Board's new Onsite Wastewater Treatment Systems Policy.	No staff work to date specific to a Basin Plan amendment.
#23 Biotic Ligand Model for copper	Incorporate the USEPA national criteria for copper into water quality standards program using the Biotic Ligand Model.	No staff work to date specific to a Basin Plan amendment.
#24 Revise PCPs water quality objectives	The USEPA recommends a revision of water quality objectives for pentachlorophenol (PCPs), where appropriate. The USEPA believes existing objectives are not sufficiently protective of early life stages of salmonids.	No staff work to date specific to a Basin Plan amendment.

<b>Projects Requiring Additional Resources</b>	<b>Description</b>	<b>Status in August 2015</b>
#25 Remove two beneficial uses from Piute Ponds wetlands	This project would involve removal of Groundwater Recharge (GWR) and Agricultural Supply (AGR) beneficial uses from the Piute (also known as Paiute) Ponds and wetlands in the Amargosa Creek watershed eastern Los Angeles County. The ponds and wetlands are maintained with effluent from the Los Angeles County Sanitation District No. 14 (Lancaster) wastewater treatment facilities.	No staff work to date specific to a Basin Plan amendment. Staff is considering whether to recommend removal of the two beneficial uses.

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
Revise water quality objectives for bacteria	<p>The current objective of 20 colony forming units of fecal coliform per 100 ml in the Lahontan Basin Plan applies to all surface waters in the region and is the most stringent objective in the state of California. Based on the results of ongoing field sampling in the Lahontan Region, revisions to federal criteria for recreational waters, and a proposed State Water Board policy to incorporate the use of <i>E. coli</i> as an indicator (anticipated in late 2016), revisions to the Lahontan Basin Plan may be proposed to establish site-specific objectives.</p> <p>Water Board staff and contractors are collecting, and analyzing data to evaluate the current condition of water body reaches in our region and determine what applicable objective should be applied based on beneficial uses. Staff is evaluating the State Board proposed standard and USEPA's guidance. Staff will consider the effects of climate change on land uses and water quality. Staff is coordinating with State Board in the development of their statewide applicable objective to ensure the Lahontan region is accurately represented.</p>	1.0	Continued from 2012 Triennial Review Topic List

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
<p>Review new scientific information to evaluate the need for changes to the water quality objectives for nearshore areas of Lake Tahoe.</p>	<p>Evaluate research findings, including the effects of climate change, and propose next steps to set nearshore assessment indicators as a first step to evaluating the need for new nearshore water quality standards.</p> <p>Resource needs listed here only include staff evaluation of research findings, interagency coordination, public meetings, stakeholder outreach, and development of a workplan.</p>	<p>0.50</p>	<p>Continued from 2012 Triennial Review Topic List</p>

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
Protecting and Enhancing Watershed Resiliency  (Riparian Protection Policy)	<p>Revise Basin Plan to include specific implementation measures to protect all beneficial uses of ground and surface waters from the effects of development and hydromodification. Specific emphasis is needed on protecting desert surface waters, including measures to control or prevent excessive erosion of soft soils and subsequent down stream sediment deposition that adversely impacts Aquatic and Wildlife Habitats. Staff will consider the effects of climate change that may produce more frequent and more severe flashy events.</p> <p>Other enhancements could include improving meadows and floodplains to increase groundwater storage and improve flood attenuation.</p>	1.0	Continued from 2012 Triennial Review Topic List

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
Biological indicators	<p>This topic was originally described as “Revise existing narrative water quality objective for protection of aquatic communities (nondegradation of aquatic communities objective).”</p> <p>The current topic description is “Develop narrative and/or numeric biological objectives (i.e., biocriteria) to protect the biological integrity of the Region’s surface waters. This may include development of new objectives, applying a California Stream Condition Inventory score (CSCI), and/or revising and/or expanding the applicability of the Basin Plan’s current narrative objectives for “Nondegradation of Aquatic Communities and Populations” (which currently apply only to wetlands).</p>	0.90	Continued from 2012 Triennial Review Topic List

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
Squaw Valley groundwater withdrawal	Evaluate the effects of potential increased groundwater withdrawal in Squaw Valley on the water quality of Squaw Creek and its tributaries. In particular, examine the interplay of water supply and water quality influencing biological conditions. This topic may also involve a consideration of flow requirements for Squaw Creek possibly in the form of flow objectives, with regulatory effect, to protect certain beneficial uses.	0.50	Continued from 2012 Triennial Review Topic List

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
Revised Hot Creek water quality objectives	Develop revised objectives for Hot Creek (Owens River HU) based on changes in water quality related to increased constituent levels emanating from the natural groundwater flows entering the creek.	1.0	Continued from 2012 Triennial Review Topic List

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
<p>Adopt or revise site-specific water quality objectives for Fish Springs in the Owens Valley to facilitate NPDES permitting for a state fish hatchery.</p>	<p>The Department of Fish and Wildlife operates Fish Springs hatchery in the Owens Valley where source water is groundwater and the discharge from the hatchery forms Fish Springs Creek. The Basin Plan currently has an objective for Fish Springs Creek above the hatchery; however, water no longer exists at that location. Water Board proposes removing this objective from the Basin Plan and setting an objective for Fish Springs creek below the hatchery. This effort may involve gathering additional water quality information</p>	<p>1.0</p>	<p>Continued from 2012 Triennial Review Topic List</p>

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
Susan River site specific objectives	Develop revised objectives for section of the Susan River and its tributaries downstream of Susanville’s Community Services District (District). Consider lowering water quality while ensuring continued protection of beneficial uses. Staff will need to involve the District, current downstream agricultural users, and the Department of Fish and Wildlife in evaluating alternatives including: increased treatment, increased land disposal capacity, and establishing or ensuring minimum flows in Susan River and its tributaries in light of possible effects from climate change.)	2.0	Continued from 2012 Triennial Review Topic List

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
Revise Chapter 3 language on determining compliance with water quality objectives.  (Means of Monthly Means)	The proposed revisions would change water quality objectives expressed as “means of monthly means” to annual means and define minimum sample numbers and sampling frequencies for determining compliance with objectives. This could avoid the need for new Clean Water Act Section 303(d) listings based on very small sample numbers, and facilitate delisting.	1.0	Continued from 2012 Triennial Review Topic List

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
<p>BIOLOGICAL Beneficial Use for Mojave River</p>	<p>Add the Biological Use (BIOL) for specific reaches of the Mojave River with remaining viable habitat, specifically from Bear Valley Road to Helendale.</p> <p>BIOL beneficial use will increase protection of the most important source of water and wildlife habitat in the high desert area.</p> <p>BIOL beneficial use in reaches of the Mojave River that maintain perennial flow will increase protection of unique biology (but may limit some recreational activities). In addition, Water Board staff will consider groundwater management and climate change to maintain or restore base flow to the River.</p>	<p>0.30</p>	<p>Continued from 2012 Triennial Review Topic List</p>

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
Eagle Lake “building moratorium”	Amend the Basin Plan to lessen restrictions on building density for septic systems. This topic may be addressed by incorporating State Board’s new Onsite Wastewater Treatment Systems Policy.	0.50	Continued from 2012 Triennial Review Topic List

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
Biotic Ligand Model for copper	Incorporate the USEPA national criteria for copper into water quality standards program using the Biotic Ligand Model.	0.50	Continued from 2012 Triennial Review Topic List

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
Revise PCPs water quality objectives	The USEPA recommends a revision of water quality objectives for pentachlorophenol (PCPs), where appropriate. The USEPA believes existing objectives are not sufficiently protective of early life stages of salmonids.	1.0	Continued from 2012 Triennial Review Topic List

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
Remove two beneficial uses from Piute Ponds wetlands	This topic would involve removal of Groundwater Recharge (GWR) and Agricultural Supply (AGR) beneficial uses from the Piute (also known as Paiute) Ponds and wetlands in the Amargosa Creek watershed eastern Los Angeles County. The ponds and wetlands are maintained with effluent from the Los Angeles County Sanitation District No. 14 (Lancaster) wastewater treatment facilities.	1.0	Continued from 2012 Triennial Review Topic List

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
Program Manager	The Basin Planning Program Manager participates in State/Regional Water Board Roundtable activities, and workplan development, provides information to the public, etc.	0.30	The Program Manager's duties are ongoing.

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
2018 Triennial Review	Prepare the 2018 Triennial Review staff report and priority list. Host scoping meetings and hearings, as necessary, for Water Board consideration.	0.20	To complete in November 2018

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
Miscellaneous work that will not directly result in Basin Plan amendments	Staff resources are needed for work such as: coordination with other states, other agencies, and Native American tribes regarding water quality standards; development and management of contracts related to planning; staff training, coordination with stakeholders involved with aquatic invasive species, etc.	0.6	Miscellaneous planning related work is ongoing.

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
<p>Clarify Lahontan Water Board policy on package plants</p>	<p>The current Basin Plan indicates all package plants will be regulated under Waste Discharge Requirements (WDRs). Los Angeles County (and potentially other counties and local municipalities) believes small aerated package plants are considered “alternative” systems and are authorized under their local authority and do not require additional authorization from the Water Board.</p> <p>Clarification on the applicability and specific authorization is necessary and may result in a basin plan amendment, clarification memo, or through Water Board approvals of Local Area Management Plans</p>	<p>0.10</p>	<p>Newly proposed topic</p>

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
<p>Site Specific water quality objectives for specific groundwater basins</p>	<p>Interested parties, especially authors of Salt &amp; Nutrient Management Plans required by State Board’s Recycled Water Policy, are assessing the assimilative capacity in groundwater basins or Total Dissolved Solids (TDS) and nutrient loading. The Taste and Order Threshold for drinking water or agricultural uses, is the Secondary Maximum Contaminant Level for TDS and is the applicable Water Quality Objective (WQO) to all groundwater in the Lahontan region with those designated beneficial uses. If these WQOs are exceeded, or projected to be exceeded, it may be appropriate to set site specific WQOs for that groundwater basin or the sub-basin. Additionally, some stakeholders are interested in preserving higher quality groundwater and support development of more protective groundwater sub-basin objectives to limit discharges of TDS and nitrogen. (Perhaps using Region 8’s “Groundwater Management Zones” with “maximum benefit objectives” as a model for Region 6.)</p> <p>For this project, staff would evaluate groundwater quality, assimilative capacity, effects of climate change, and the ability to maintain higher quality waters for specific groundwater sub-basins with available data. Staff will evaluate the data and recommend whether it is appropriate to set specific WQOs. The Resource Needs estimate does not include producing a basin plan amendment.</p>	<p>0.35</p>	<p>Newly proposed topic</p>

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
Editorial revisions and "Basin Plan fixes"	Miscellaneous corrections and improvements, such as: <ul style="list-style-type: none"> <li>• Correcting the incorrect square mile number for the size of the region</li> <li>• Features that are in the wrong watershed</li> <li>• Consistent use of terms</li> <li>• Correct references to new policies and plans</li> </ul> None of these possible changes would be substantive.	0.30	Newly proposed topic

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
<p>Site specific objectives for a reach of the Mojave River</p>	<p>Establish Site Specific Objectives for groundwater in the Mojave River Flood Plan Aquifer and surface water in the perennial reach of the Mojave River downstream of Victor Valley Wastewater Reclamation Authority (VWRA) to Silver Lakes (Helendale).</p> <p>Compounds of interest are salt, nutrients and general minerals. Surface water objectives are of primary interest to develop appropriate effluent limitations for the VWRA's NPDES permit. Currently, surface water quality objectives for the Mojave Hydrologic unit set at Barstow for Total Dissolved Solids (TDS) and nitrate would apply at VWRA by the tributary rule. However, because the Mojave River is ephemeral in the section from Helendale to Barstow, the river water quality cannot be measured on a perennial basis (especially under dryer climatic conditions) and the surface water quality objectives may not be relevant or appropriate for developing applicable objectives in this area.</p>	<p>0.40</p>	<p>Newly proposed topic</p>

**Table 3 - DRAFT 2015 Lahontan Triennial Review Proposed Topics (September 1, 2015)**

<b>Topic</b>	<b>Description</b>	<b>Resource Needs For Three-year Period In Person Years (PYs)</b>	<b>Status</b>
<p>Region-wide approach to TDS water quality objectives for surface waters</p>	<p>Site specific TDS objectives for surface water were developed based on limited samples and protect/maintain high quality water but are typically more stringent than needed to protect beneficial uses. Development of the original TDS objectives did not consider the effects of a changing climate on water quality objectives (WQOs).</p> <p>Two possible options are proposed:</p> <p>(A) Adopt a regionwide TDS WQO that would supersede the existing site specific objectives.</p> <p>(B) Adopt new site specific objectives for TDS that are based on protection of beneficial uses, and adopt a more stringent value, if applicable that is based on new data, for maintaining high quality water.</p>	<p>0.50</p>	<p>Newly proposed topic</p>

# **ENCLOSURE 3**

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**SCOPING MEETING**  
**2015 TRIENNIAL REVIEW**  
ITEM #10

**BARSTOW**  
**SEPTEMBER 17, 2015**

Lahontan Regional Water Quality Control  
Board

Presented by Rich Booth  
TMDL/Basin Planning Unit Supervisor



**Scoping Meeting – 2015 Triennial Review**

- What is a Triennial Review and why we need one?
- How did each of the 22 proposed projects come to be on the proposed topics list
- The goal is to eventually prioritize the projects (proposed for the November 2015 Board meeting)
- No Board action today, but comments are welcome



2

## Scoping Meeting – 2015 Triennial Review

- There were 25 projects/topics on the previous 2012 Triennial Review list
  - Completed – 5
  - Dropped (not resulting in Basin Plan amendment) – 3
  - Continuing actively – 2 (Bac Water Quality Objectives and Lake Tahoe Nearshore)
  - Program management (ongoing) – 3
  - Continuing, but inactive last three years – 12
  
- There are five new topics proposed (so far)



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## Scoping Meeting – 2015 Triennial Review From 2012 Triennial Review Topic List (14 total)

Page # in Table 3 staff report	Proposed Topic	Maximum Resource Needs person-years (PYs) over three years	Background
1	Revise Water Quality Objectives for bacteria	1.0	Board's 2012 Triennial Review list (public request and state and federal policy update)
2	Assess Lake Tahoe nearshore water quality indicators	0.5	Board's 2012 Triennial Review list (Legislative request and other Tahoe stakeholders)
3	Hydro-modification/Riparian Protection Policy	1.0	Board's 2012 Triennial Review list (State Board policy)
4	Biological indicators	0.9	Board's 2012 Triennial Review list (State Board policy)
5	Squaw Valley groundwater withdrawal	0.5	Board's 2012 Triennial Review list (public request)

4

# Scoping Meeting – 2015 Triennial Review

## Bridgeport Valley



5

# Scoping Meeting – 2015 Triennial Review



## Riparian Area

6

### Scoping Meeting – 2015 Triennial Review From 2012 Triennial Review Topic List (14 total)

Page # in Table 3 staff report	Proposed Topic	Maximum Resource Needs person-years (PYs) over three years	Background
6	Revise Hot Creek water quality objectives	1.0	Board's 2012 Triennial Review list (to facilitate permitting)
7	Adopt site specific water quality objectives for Fish Springs (Owens Valley)	1.0	Board's 2012 Triennial Review list (to facilitate permitting)
8	Site specific objectives for the Susan River	2.0	Board's 2012 Triennial Review list (to facilitate permitting)
9	Revise Chapter 3 for water quality objective compliance (means of monthly means)	1.0	Board's 2012 Triennial Review list (Allow more representative evaluation of "303(d)" listing impairments)

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### Scoping Meeting – 2015 Triennial Review From 2012 Triennial Review Topic List (14 total)

Page # in Table 3 staff report	Proposed Topic	Maximum Resource Needs person-years (PYs) over three years	Background
10	BIOLOGICAL beneficial use for Mojave River	0.1	Board's 2012 Triennial Review list Basin Plan update (merge with the biological indicators effort?)
11	Eagle Lake "building moratorium"	0.5	Board's 2012 Triennial Review list (public request)
12	Biotic Ligand Model for copper	0.5	Board's 2012 Triennial Review list (industry request)
13	Revise PCPs Water Quality Objectives	1.0	Board's 2012 Triennial Review list (USEPA request)
14	Remove two beneficial uses from Piute Ponds	1.0	Board's 2012 Triennial Review list (agency request)

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### Scoping Meeting – 2015 Triennial Review Ongoing Program Duties (3 total)

Page # in Table 3 staff report	Proposed Topic	Maximum Resource Needs person-years (PYs) over three years	Background
15	Basin Planning Program Manager (currently - Mary Fiore-Wagner)	0.3	The Program Manager's duties are ongoing
16	2018 Triennial Review	0.2	To complete in November 2018
17	Miscellaneous work that will not directly result in Basin Plan amendments	0.6	Miscellaneous planning related work is ongoing

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## Scoping Meeting - 2015 Triennial Review Newly Proposed Topics(5 total)

Page # in Table 3 staff report	Proposed Topic	Maximum Resource Needs person-years (PYs) over three years	Background
18	Package plants	0.1	Clarification needed on the applicability and authorization of package plants
19	Site Specific Objectives for specific groundwater basins	0.35	It may be necessary to change Water Quality Objectives for certain basins for TDS and nutrients loading
20	Editorial revisions and "Basin Plan fixes"	0.3	Miscellaneous corrections (e.g., incorrect square miles) and terminology consistency
21	Site Specific Objectives for specific reaches of the Mojave River	0.4	Salt, nutrients, and general minerals in Mojave River in ephemeral versus perennial reaches
22	Region-wide approach to Total Dissolved Solids (TDS) Water Quality Objectives for surface waters	0.5	Site specific TDS objectives are not appropriate in many waterbodies

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## Scoping Meeting - 2015 Triennial Review Package Plant



Water Boards

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