

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

**MEETING OF MARCH 11-12, 2015
South Lake Tahoe**

ITEM: 6

SUBJECT: **DISCUSSION OF LAHONTAN WATER BOARD
PRIORITIES AND ACCOMPLISHMENTS**

DISCUSSION: Water Board Executive Officer and Assistant Executive Officer will highlight Water Board accomplishments from 2014 and will present key efforts for 2015, including State Water Board policy initiatives. An organizational and fiscal overview will be shared. Beginning last year and continuing this year and next, Water Board staff will be presenting more in depth program reports and specific issue workshops (listed in Enclosure 5). In addition to sharing organizational improvements, guiding principles (Enclosure 3) for the Lahontan Water Board will be discussed.

Each year in spring the Water Board staff prepares individual and programmatic workplans that outline tasks for the coming fiscal year. For the federally funded programs such as Nonpoint Source, Total Maximum Daily Load (TMDL) and the National Pollutant Discharge Elimination System (NPDES) Permitting, the U.S. Environmental Protection Agency requests the Water Boards submit annual workplans for the following fiscal year by March of each year. The State Board requests the regional boards provide draft performance targets by early May. Therefore, the timing of this agenda item in March provides an opportunity for staff to solicit input from the Water Board in preparation of its workplans and targets for next fiscal year.

This year, key challenges continue to be responding to drought conditions, such as increased requests for dredging permits, addressing increased groundwater contaminants in supply wells, and applying limited resources to address requests from dischargers to act on permits, and cleanup plans. At the same time, the Lahontan Water Board wants to adapt to changing climate by updating its plans, policies and permits to address extreme conditions such as drought and increased precipitation (e.g. flood events).

The purpose of this informational item is to review, discuss and provide direction to staff, on the following areas:

- Guiding Principles
- Key efforts for the current and upcoming fiscal years, including Water Board workshops and program reports.
- Priorities within the 2015 statewide water quality policies that directly affect or involve the Lahontan Water Board and region.

The Program Fact Sheets and our Key Efforts inform the public and the Board on goals, accomplishments and priorities. The Water Board members may provide direction to staff for future goal and priority setting.

The State Board is now in its sixth year of producing a publically available annual Performance Report for the state and regional boards. The Water Boards are the only state agency currently producing such a report. This report provides a mechanism to measure and evaluate both what we do and how the environment is responding to our actions, and is part of our overall effort toward developing as performance-based organizations. Currently, the State Board's performance report is a work in progress. They have identified performance measures to track for some programs, set targets for others and are working on developing measures that evaluate water quality outcomes. The current targets tend to track and report core regulatory activities that are easily tracked, such as inspections and permit renewals. Therefore, it is not a comprehensive report of all that the regional boards set out to accomplish each year. However, since the performance targets are reported to the public, Water Board staff will share the results from the previous fiscal year and targets for this fiscal year, along with the progress to date.

**RECOMMEND-
ATION:**

This is a discussion item only. No Water Board action is required for this item; however the Board may provide direction.

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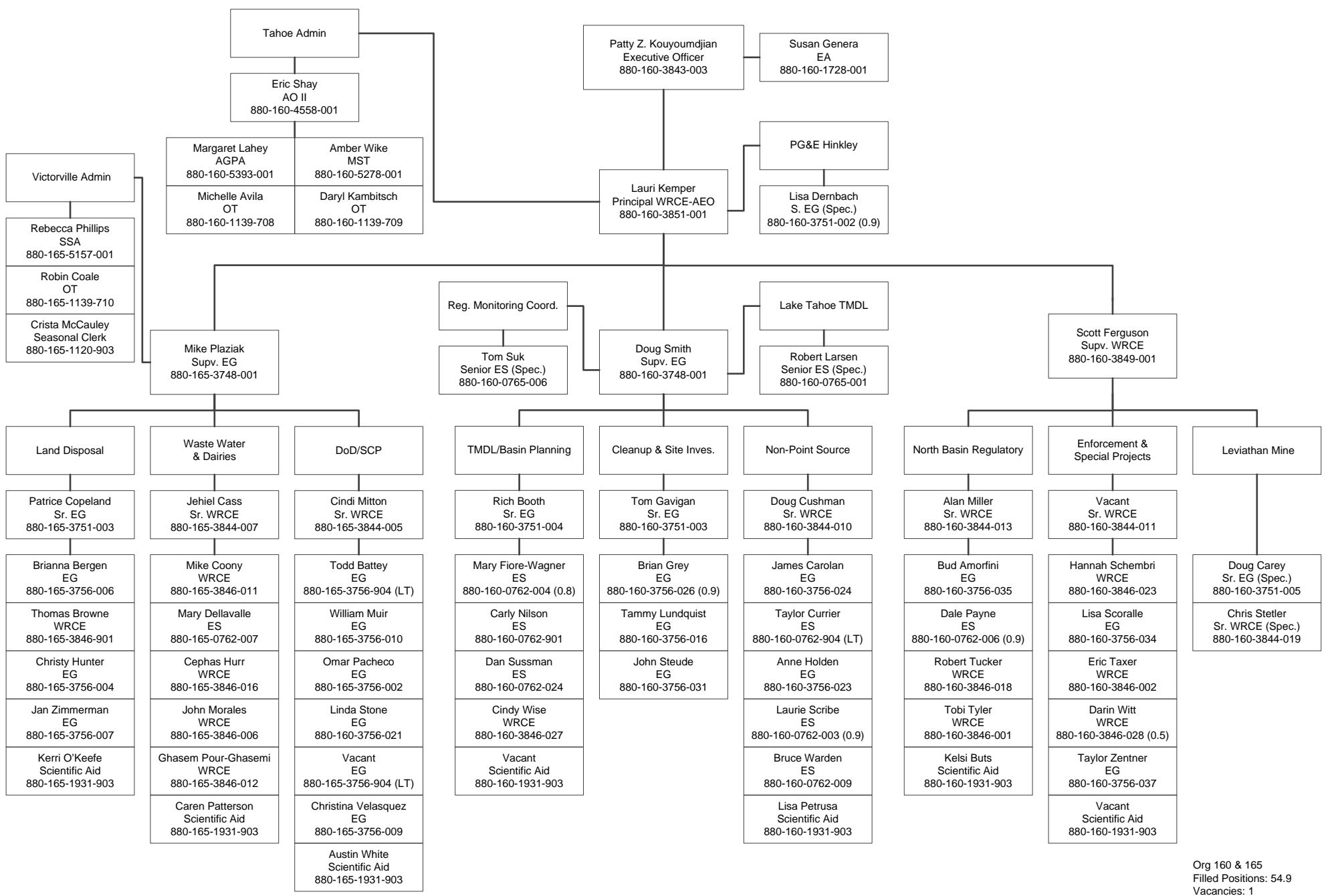
Enclosures	Description	Bates Number
1	Lahontan Organizational Chart	6-6
2	Lahontan Program Overview (Budget Charts)	6-10
3	Lahontan Guiding Principles	6-14
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9	State Water Board's FY 2014-15 Performance Targets (completed to date	6-74

ENCLOSURE 1

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Lahontan Regional Water Quality Control Board
 Chair: Kimberly Cox
 Members: Keith Dyas, Amy Horne, Don Jardine, Peter C. Pumphrey, Eric Sandel

Unofficial R6 Org Chart
 Revised 3/2/2015



Org 160 & 165
 Filled Positions: 54.9
 Vacancies: 1
 Total Authorized PYs: 55.9
 Temp Hrs: 13 (3 vac.)

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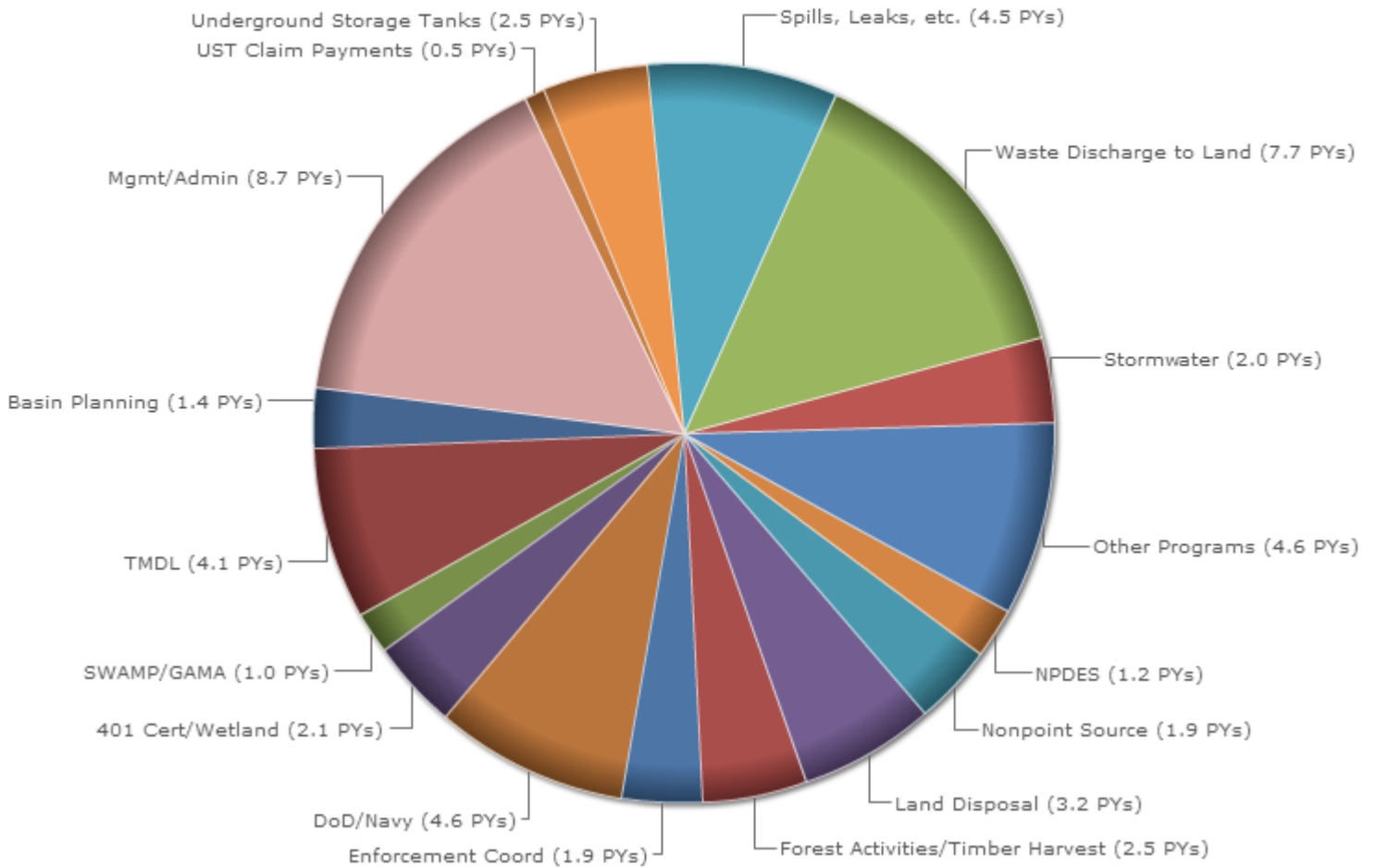
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Budget For FY 13-14 (Lahontan)



Staff Allocated By Activity



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A banner image showing a scenic view of a lake, mountains, and a person walking in a field. The text "Lahontan Water Board" is overlaid in the center.

Lahontan Water Board

Guiding Principles

1. Base decisions on sound science.
2. Build partnerships with stakeholders. Communicate and collaborate. Include affected persons in decision making.
3. Provide technical assistance and education to regulated community and stakeholders, especially to disadvantaged communities.
4. Address the highest priority issues, such as water quality impacts to human health.
5. Build capacity and empower Water Board staff in decision making.
6. Apply appropriate regulation to achieve water quality protection, considering costs of compliance.
7. Provide high quality customer service.

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Lahontan Goals

- Protect Human Health
- Protect/Improve Aquatic Life and Surface Water Quality
- Support Disadvantaged Communities
- Respond to and Prepare for Climate Change

2015 KEY EFFORTS

Nitrate and Salts in groundwater

- Ensure compliance with Drinking Water Replacement Water Orders (dairies and Barstow wastewater treatment plant);
- Require source control at dairies
- Require groundwater remediation at LACSD No. 20 and Barstow
- Review Mojave and Indian Wells Salt and Nutrient Management Plans
- Work with local government agencies to complete adequate Local Area Management Plans (LAMPs) for regulating onsite wastewater systems
- Revise wastewater treatment plant permits to require infrastructure improvements and reduced nitrogen and salt loading to groundwater
- Develop and implement strategy for irrigated lands

Chromium in groundwater

- Oversee Pacific Gas and Electric (PG&E) Hinkley Compressor Station cleanup, issue new Order and ensure background study completion
- Investigate Ducommon chemical manufacturing
- Investigate TXI cement plant



Stock photo.

Perchlorate in ground waters

- Request funds for cleanup of Barstow perchlorate
- Support Division of Drinking Water assistance grant for perchlorate impacted area

Petroleum in groundwater

- Close cleanup sites that are a low-threat to public health and the environment
- Identify recalcitrant sites and require priority sites to clean up groundwater

Other pollution problems in groundwater

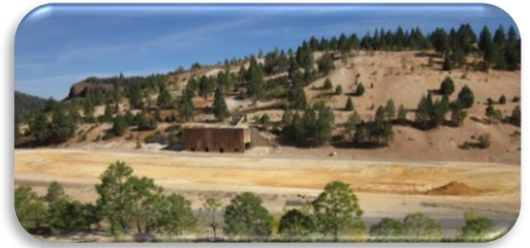
- Support Hinkley community to address arsenic, nitrate, and supply issues
- Require increased groundwater protection at American Organics Composting
- Require groundwater investigation, cleanup, and replacement water at PCE impacted sites
- Identify priority groundwater pollution cases and require investigation, plume control, cleanup
- Apply appropriate remedies (active, monitored natural attenuation, or combination)

Bacteria in surface waters

- Participate in statewide grazing regulatory action program
- Continue to implement Proposition 84 Grazing Grant
- Update the Region's bacteria standards in collaboration with State Board's statewide bacteria objectives project
- Work with partners in Bishop Creek watershed to address sources of bacteria pollution

Acidic Drainage at Leviathan Mine

- Continue Water Board efforts to prevent discharge of untreated acid mine drainage into Leviathan Creek.
- Provide input to United States Environmental Protection Agency (USEPA) on alternatives for a final remedy



Mercury in surface waters

- Analyze fish tissue from Susan River to verify water quality impairment
- Participate in statewide policy for reservoirs mercury control program

Protect Aquatic Life and Surface Water Quality

- Track implementation of Lake Tahoe, Truckee, Squaw Creek, Indian Creek Reservoir, Heavenly Valley Creek, and Blackwood Creek Total Maximum Daily Load requirements
- Develop partnership agreements to implement supplemental environmental projects program
- Require avoidance and mitigation for construction projects to protect wetlands and riparian areas
- Develop publicly available guidance for using regulatory and monitoring tools to protect and restore water quality (i.e., NPDES/ waste discharge requirements for construction and industrial; 401 Certification/WDR for dredge and fill; bioassessment/rapid assessment program)

Environmental Justice

- Participate in Integrated Regional Water Management projects involving disadvantaged communities (e.g. identify drinking water and community sewer needs)
- Work with USEPA to ensure Leviathan Mine final remedy that is protective of Washoe Tribe cultural resources and tribal community health
- Conduct Disadvantaged Community Risk Assessment – investigate domestic well quality
- Incorporate environmental justice when developing waste discharge requirements and permits
- Conduct education and outreach related to new funding programs associated with Water Bond

Climate Change

- Compile workshop input into report and present recommendations for adaptation
- Conduct nearshore monitoring in Lake Tahoe to assess whether water quality changes are related to climate change
- Encourage recycled water projects
- Encourage low impact development (LID) and incorporate LID principles into permits
- Encourage salt and nutrient management plans to consider/incorporate aquifer storage recovery
- Infrastructure improvements, sewer conveyance, and pump stations
- Incorporate climate change adaptations into regulatory decisions (i.e., protect floodplains, wetlands and stream environment zones/riparian)



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Lahontan Water Board Workshops and Program Updates 2014- future

2014 (Completed)

Workshop	Purpose	Status
<p>March 2014</p> <p>Salt And Nutrient Management Plans (SNMPs)</p>	<p>Staff provided overview of State Board's Recycled Water Policy and the requirements for completing Salt and Nutrient Management Plans (SNMPs). The purpose of the SNMP is to evaluate the potential for salt and nutrient increases from all current and future sources (and land uses) and to develop a management plan to protect groundwater for beneficial uses. Once developed, a SNMP could serve as a roadmap to manage salt and nutrient loading within a basin. Our partners, usually agencies participating in the Integrated Regional Watershed Management Groups are leading the efforts to complete these plans.</p>	<p>Antelope Valley Plan approved by Board: November 2014</p> <p>Mojave and Indian Wells – Sept 2015</p> <p>Inyo-Mono, Lahontan Basins, and Tahoe-Sierra in 2016.</p>
<p>June 2014</p> <p>Environmental Justice</p>	<p>The State's Environmental Justice Policy requires consideration of how each aspect of the Water Board's work and actions may be known and understood by the diverse population of the Region, that our actions are honorable and fair, and that we provide all affected persons opportunities to participate in the planning and decision making processes of the Board. At the Board's June workshop, State Board, Regional Board staff and local partners (Mojave Water Agency and CalTrout) gave presentations on outreach and technical assistance they are providing to disadvantaged communities in the region. Water Board received input and prepared a report with recommendations.</p>	<p>Water Board approved Report in February 2015 and it was transmitted to State Board.</p>
<p>September 2014</p> <p>Monitored Natural Attenuation</p>	<p>Water Board staff presented Monitored Natural Attenuation as a method being proposed at various cleanup sites in lieu of active groundwater remediation. Staff presented potential criteria and conditions before accepting this method at cleanup sites. Staff must evaluate the adequacy of any proposal to determine whether MNA is an acceptable method in a given case and whether acceptable cleanup levels can be reached.</p>	<p>Staff finalizing report to present to Board in July 2015.</p>
<p>November 2014</p> <p>Bacteria Water Quality</p>	<p>Staff presented preliminary bacteria data from around the Lahontan Region. Data supports retaining the region's more stringent standard.</p>	<p>Staff shared data and concerns with State Board staff during its Scoping⁶⁻²²</p>

Objectives Project	There may be a few limited areas where the State Board's proposed standard may be acceptable.	Period in Jan/Feb 2015.
November 2014 and July 2015 Climate Change Workshops	Lahontan Water Board held two workshops to educate the public on potential impacts from Climate Change in our region and to gather input on actions the Water Board should consider to prepare and adapt to Climate Change.	Staff will draft report including compilation of input received at workshop and recommendations. Draft to be shared May 2015.

2015 (Planned)

Workshop	Purpose	Status
March and July TMDL Implementation and Future Plans to Address Impaired Water Bodies	Water Board staff will present accomplishments from implementing several adopted TMDLs. Water Board staff will also share future next steps to achieve adopted TMDLs. In July, Water Board staff will present its plan to address its list of impaired water bodies.	TMDL Fact Sheets and Lake Tahoe Performance Report and online tools available on Water Board website.
May Underground Storage Tank (UST) Program Update	Water Board staff will present status of closing low threat tank cases and describe remaining high priority cases will be addressed.	GEOTRACKER, the publically available website has all updated underground tank case information. UST Fund was renewed in 2014. Other groundwater funding may also be available for cleanup and investigation.
June Mono Basin Update	Mono Lake Committee has offered to provide an update on Mono Basin issues. Los Angeles Department of Water and Power will also be invited to address the Board.	Planning underway.
July Wetlands Project	State and Regional Water Boards are participating in an effort to promote, encourage and construct more wetland restoration projects statewide. Staff and participating board members will update the board and public and attend a tour.	Meetings are underway with statewide committee.
September Desert Renewable Energy Conservation Plan and Update on Alternative Energy Projects in Region	California Energy Commission (CEC), Department of Fish and Wildlife and other state and federal agencies participated to complete a comprehensive plan to address mitigation requirements associated with future renewable energy projects. The CEC is invited to present its plan at the Board meeting. Water Board staff will present an update of alternative energy project development in the region.	
October	Water Board staff will update the Board on the	Restoration projects

Enforcement Subcommittee Follow-up Status Update	pilot program with Truckee River Watershed Council to implement the Supplemental Environmental Project program under an agreement with the Water Board. Staff will also share other updates associated with the Enforcement Program.	underway. New hearing procedures and improved quarterly violation summaries are being employed.
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Potential Future Workshops

Workshop	Purpose	Status
Flow Requirements and WQ	Understand the regional board's role in establishing minimum flow requirements in surface waters to protect beneficial uses, such as aquatic life, and to protect and maintain water quality.	State Board may develop guidance on this topic.
Implementation of SNMPs	Review efforts or projects that are implementing recommendations developed as part of a salt and nutrient management plan. Explore potential Board actions to implement recommendations in a salt and nutrient management plan.	No work on this topic since plans are still being completed.
Storm Water issues within Waters of the State	Develop additional general permits under the California Water Code to address discharges of stormwater from industrial and construction activities in areas of the Lahontan Region that do not contain waters of the United States.	Staff currently addresses priority projects on a case by case basis using existing limited general permits or developing individual permits.
Wetlands/Riparian Protection Plans	Consider regional board efforts to strengthen existing policies to protect wetland and riparian areas.	State Board involved in a multi-year effort.
Leviathan Mine	Understand details of settlement agreement with ARCO. Review Remedial Investigation results and provide input on feasibility study including alternatives for long term remediation.	Settlement agreement anticipated to be signed in spring 2015.
Onsite waste water systems –Local Area Management Plan approvals	Under new statewide policy, local governments are required to develop local area management plans that require Lahontan Board approval.	Review of these plans are anticipated in late 2015 and 2016. Board approvals to be scheduled in 2016-17.
Irrigated Lands	Consider regulatory tools to address discharges from irrigated lands in the Lahontan Region.	Staff is reviewing permits and waivers used in other regions and will develop recommendations in 2015

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Lahontan Water Board Program Fact Sheet FY 2014 -15

Basin Planning

Overview

The Lahontan Water Quality Control Plan (Basin Plan) is the fundamental water quality protection plan for the Region. The Basin Plan contains the beneficial uses and water quality objectives to protect those beneficial uses. The Basin Plan also outlines plans to achieve water quality objectives.

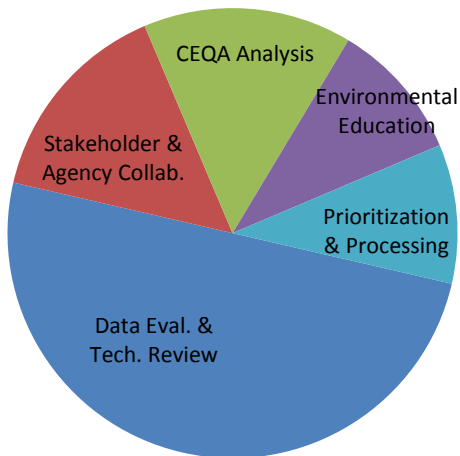
Funding for the Basin Planning program is from the Waste Discharge Permit Fee account, which has allocated 5.8 PY to complete both Basin Planning and TMDL program work. Based on the work planned for this fiscal year, about 2 PY is estimated to be needed for Basin Planning work and the remainder will be used for TMDL program work.

Goals

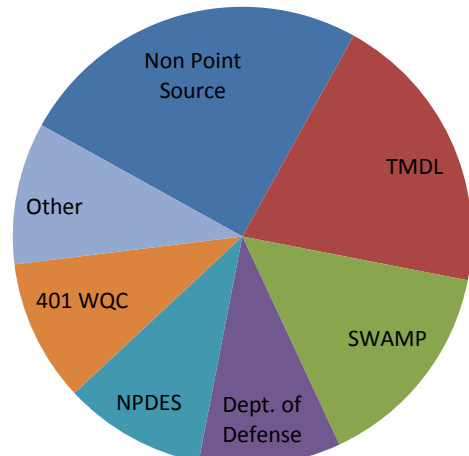
The goal of the Basin Planning staff is to maintain the Basin Plan as an effective protection plan. Staff periodically reviews the Basin Plan and its water quality standards, and proposes amendments for Board adoption that maintain its effectiveness.

Additional goals that support the overall Program include outreach and water quality education, and active support in statewide programs on planning issues that affect the Lahontan Region.

Staff Activities



Participating Programs



Accomplishments

Priority Planning Projects

- Secured a contract using funds from the newly created Lake Tahoe Science and Lake Improvement Account towards nearshore biological monitoring efforts and monitoring of pollutant inputs to the nearshore.
- Secured \$200,000 in State Water Board discretionary grant funds for evaluating nearshore hotspot. Contracted with USGS to determine the cause of increased periphyton growth in the northwest portion of Lake Tahoe. The investigation is scheduled to commence in summer 2015.
- Adopted the China Lake Basin Plan Amendment, which removed the MUN beneficial use from groundwaters beneath the Naval Air Weapons Station allowing the Navy to complete its groundwater remediation plans.
- Completed preliminary evaluation of bacteria data toward revision of Water Quality Objectives in coordination with State Board.
- Continued work to assess and correct bacteria water quality impairments including grazing management practices grants, laboratory support, bacteria monitoring, data evaluation
- Funded successful small scale barrier deployment in Emerald Bay to control invasive Asian clam infestation.

Outreach and Public Education

- South Tahoe Environmental Education Coalition, Wonders of Water, Trees are Terrific, Outdoor Explore, Tahoe Basin Watershed Education Summit - basinwide planning for environmental education activities that reach over 1500 students in the Lake Tahoe Unified School District.
- Environmental Outreach Community events – Earth Day, Snapshot Day, South Lake Tahoe Boys & Girls Stream Team, World Waterday Panel, Rangeland Summit, Lassen County Farm Day.

Performance targets for FY 13/14

<u>Target Description</u>	<u>Targets</u>	<u>Targets Met</u>
# of Use Attainability Analysis Adopted	0	0
# of Water Quality Objectives Adopted	2	1*

*Single action to adopt two WQOs-BPA to update and clarify the Basin Plan and incorporation of OTWS Policy in April 2014. China Lake BPA postponed to FY 14/15.

Performance targets for FY 14/15 – Progress to date

<u>Target Description</u>	<u>Targets</u>
# of Use Attainability Analyses Adopted	0
# of Water Quality Objectives adopted	2**

** Lahontan Water Board to consider adoption of China Lake Basin Plan Amendment in Feb. 2015; Consideration of Site-Specific Objectives for Hot Creek Fish Hatchery postponed to FY 15-16



Lahontan Water Board Program Fact Sheet FY 2014-2015

Department of Defense (DoD) Sites Cleanup Program

Overview

The goal of the DoD program is to address the cleanup of pollutants at military facilities. The program is accomplished in partnership with the Defense Department through the use of the Defense and State Memorandum of Agreement (DSMOA). This agreement between the State and the DoD describes anticipated work, billing and cost recovery by the state for the work, and tracking of progress.

Water Board accomplishes work at the sites by:

- Reviewing and commenting on technical reports covering site characterization and remedial actions;
- Participating in public outreach and education through public meetings such as the community Restoration Advisory Boards;
- Focusing on achieving site cleanup in compliance with Water Quality requirements; and
- Tracking of cleanup progress and oversight costs through the GeoTracker and Daily Log data systems.

We review DoD work for the purpose of:

- Identifying Water Board requirements for each site/proposed action (called Applicable or Relevant and Appropriate Requirements – ARARs);
- Ensuring site investigations and cleanup decisions comply with State laws, regulations and policies;
- Concurring with DoD decision documents if action complies with State requirements; and
- Completing CEQA if State lead agency.

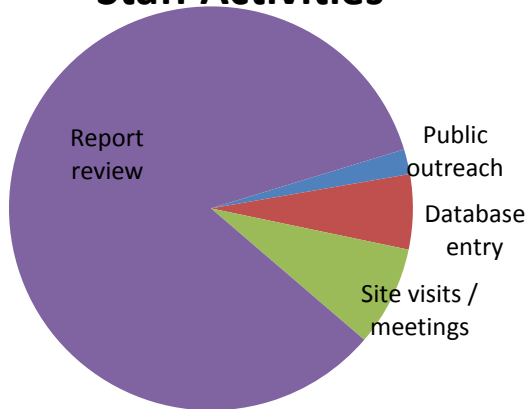
Information is shared with the public primarily by updates to the program website maintained by State Board, data entered into GeoTracker, and through public meetings held by the facilities.

Goals

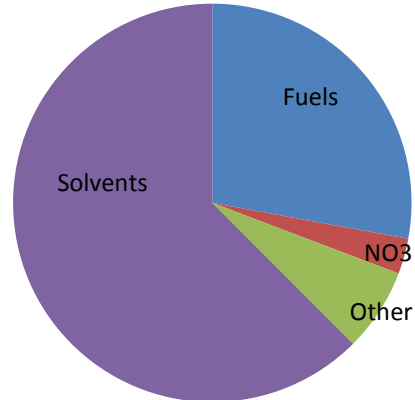
Each military facility implements an Installation Restoration Program for the purposes of cleaning up past discharges to protect health and the environment. Program priorities are human health protection by controlling exposure to contaminant sources, controlling plume movement and cleanup of the environment. The DoD produces site investigation and cleanup feasibility reports, ultimately leading to decision documents for each site. Water Board staff review the documents and provide comments to the DoD with the goal of ensuring state requirements are met during cleanup by the military. Because cleanup at many DoD sites may take several years, yearly targets are not established in for DoD sites, however site closure and other measures are tracked for progress and are discussed in *Accomplishments*, below. Document reviews should be done timely such that the overall cleanup schedule set by the DoD is met. Site data is entered by staff into GeoTracker, the state's cleanup sites database. GeoTracker is available for the public to view site information.

There are 575 active sites in the DoD program. These sites include primarily solvent and petroleum contamination. Contamination from pesticides, metals, fuels, nitrate and pyrotechnic chemicals are also found. Sites are located at the following facilities: • George Air Force Base (GAFB), Victorville • Edwards Air Force Base (EAFB), Lancaster • China Lake Naval Air Weapons Station (CLNAWS), Ridgecrest • Air Force Plant No. 42 (AFP 42), Palmdale • Fort Irwin National Training Center (Ft. Irwin NTC), Barstow • Marine Corps Logistics Base - Yermo and Nebo Annexes (MCLB), Barstow • Sierra Army Depot (SIAD), Susanville • Bridgeport Marine Corps Mountain Warfare Training Center (Bridgeport MWTC), Bridgeport. There are approximately 6.3 PYs assigned to DoD work this FY.

Staff Activities



Contaminants



Accomplishments

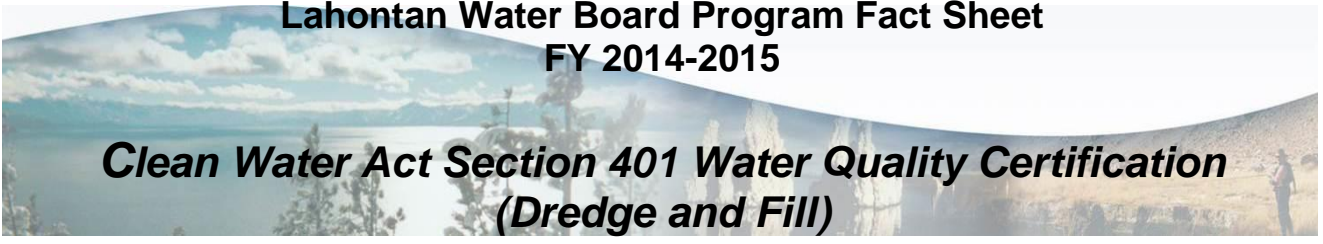
- Completed a Record of Decision (ROD) for cleanup of 18 sites at MCLB completed and being implemented. Currently negotiating a ROD for GAFB OU-5 expected to be completed this FY.
- Worked with Navy staff at China Lake to evaluate data for de-designation of the municipal and domestic groundwater beneficial use designated in the Basin Plan for groundwater basins naturally high in total dissolved solids that will aid in setting more appropriate cleanup levels.
- Ongoing work with DoD staff and local agency staff regarding land use restrictions that are needed as part of remedy implementation.

Challenges

- Land Use Controls (LUCs) established when property was transferred to the City from the former GAFB have not been consistently complied with and may not be providing protection of the public. LUCs are put in place to minimize public or worker exposure to high risk areas or activities. Staff has requested the Air Force address violations observed at former GAFB. Additional work with DoD staff and local agency staff regarding land use restrictions is needed as part of remedy implementation.
- Cleanup work at the DoD facilities is now focused on sites hardest to cleanup. Groundwater and soil contaminant plumes are large and site geology is complex, leading to difficult and expensive long term cleanups.
- Formal Dispute Resolution is in progress at EAFB to elevate issues regarding appropriate standards to use for risk calculation, where there is disagreement between the DoD and the oversight agencies.

Performance measures for the year – Progress to date

Number of sites closed: 5 (2 more closures anticipated this FY)



Lahontan Water Board Program Fact Sheet FY 2014-2015

Clean Water Act Section 401 Water Quality Certification (Dredge and Fill)

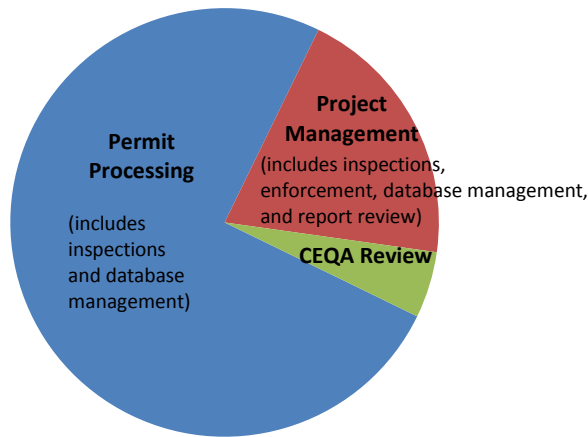
Overview

This Program regulates discharges of fill and dredged material to all waters of the state, including waters of the U.S. under Clean Water Act (CWA) section 401 and the Porter-Cologne Water Quality Control Act. Additional protections are provided for wetlands, special aquatic sites and headwaters because these waterbodies have high resource value, are vulnerable to filling, and are not protected by other programs. The Program is involved with protection of special-status species and regulation of hydromodification impacts. The Program encourages watershed-level analysis and protection, because some functions of wetlands, riparian areas, and headwater streams—including pollutant removal, flood water retention, and habitat connectivity—are expressed at the watershed or landscape level. The core of the Program's protection strategies is demonstration of impact avoidance first, followed by minimization, and then mitigation to compensate for impacts and ensure no net loss of water resources. The 401 program was allotted an addition position beginning in July 2014, so the Program is now operating with 1.8 PYs.

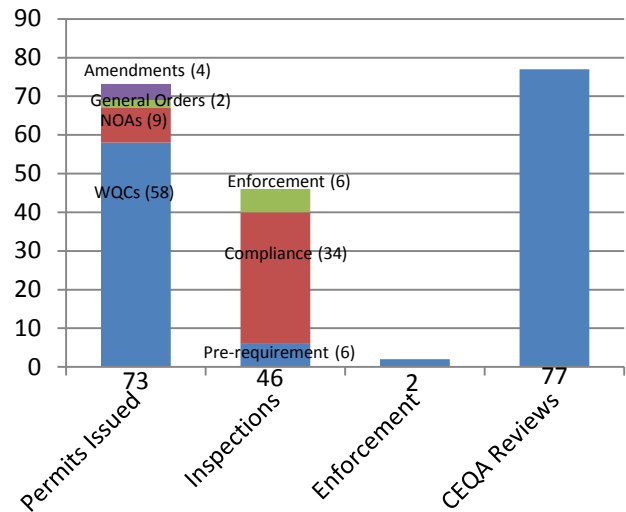
Goals

- Require applicants propose the least environmentally damaging practicable alternative for their project, avoid and minimize impacts, and provide mitigation for unavoidable impacts, such that no net loss in function and values of specific waterbody types is achieved.
- Provide timely response to applications (30 days from receipt of application) ensuring that compliance with "Contents of a Complete Application" is achieved.
- Inspect application sites, if necessary, prior to requiring additional information.
- Respond timely to questions from the public, consultants or applicants with consistent, reliable service.
- Provide conditions in the certification that are enforceable and tracking-efficient for CIWQS.
- Provide comments on environmental documents such that requirements of the dredge and fill program (i.e., avoidance, minimization, mitigation), and jurisdictional issues are clearly explained and taken into consideration during the analysis of impacts.
- Ensure Orders are in compliance with California Environmental Quality Act (CEQA).
- Inspect for compliance with Order and enforce for non-compliance.
- Maintain CIWQS database for reports required and received. Provide staff assistance in maintaining consistent entries in CIWQS with respect to fill and dredge information.
- Provide public notice on applications currently under review.
- Continue to engage in bimonthly Dredge and Fill Program Roundtables with SB and all regions.
- Participate in developing performance measures, metrics, and targets for the Program.
- Respond to questions from other regions, the State Board and legal counsel.
- Continue to assist and engage in discussions with State Board and USEPA on the statewide Wetland and Riparian Area Protection Policy (WRAPP) until finalized.
- Participate in pilot project on the Upper Truckee River for the WRAPP's Phase II, development of state-wide water quality standards for wetlands and other waters.
- Keep informed on the Wetland and Riparian Area Monitoring Program (WRAMP).

Staff Time



Actions



Accomplishments - 2014

- Issued 73 dredge and/or fill permits, denials or amendments (includes 9 NOAs for impacts to State waters, 4 amendments, and 2 General Orders coverage). Currently, there are 194 active dredge and fill permits in CIWQS.
- Performed 46 inspections (6 enforcement, 34 compliance, and 6 pre-requirement).
- Completed 2 informal enforcement actions for unauthorized dredge/fill discharges and non-compliance with permit conditions. Staff is currently overseeing the resolution of these issues.
- Began working with TRPA, USEPA and San Francisco Estuary Institute on new USEPA Wetland Grant to provide workshops on the use of EcoAtlas (one-year grant).
- Continued coordination with CDFW, particularly with alternative energy projects and enforcement actions.
- Reviewed and commented on 77 environmental documents and certified one Mitigated Negative Declaration.

Performance targets for this year – Progress to date

- State Board is still working on establishing performance targets for this program. State Board, in collaboration with the regional boards, is currently working on the development of a set of statewide performance targets for the Program.

Performance targets for next year

Not yet established.

Lahontan Water Board Program Fact Sheet FY 2014-15

Enforcement

Overview

The Enforcement Program's primary responsibilities are:

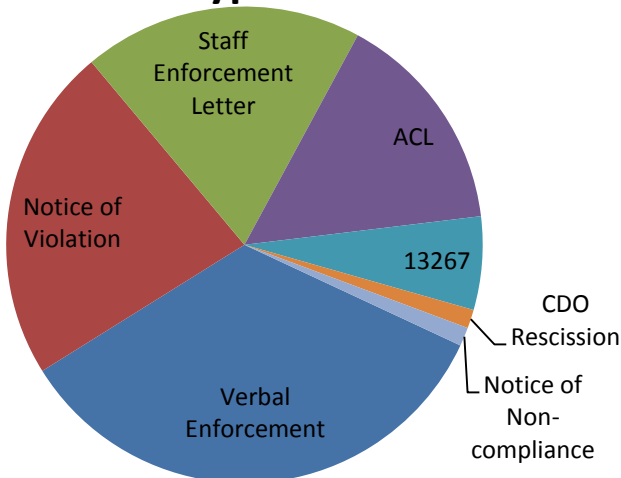
- Evaluating and prioritizing violations of water quality protection laws, regulations, and permits.
- Effectively initiating and following through on enforcement actions/strategies intended to reestablish compliance, to address environmental damage, and to deter future violations.
- To coordinate with other Regional Water Boards and the State Water Board in pursuing multi-region or state-wide enforcement actions; and to improve enforcement consistency and effectiveness.

These actions are conducted under federal and state law, and the State Water Board's Water Quality Enforcement Policy, with one allocated position and with resources from other programs.

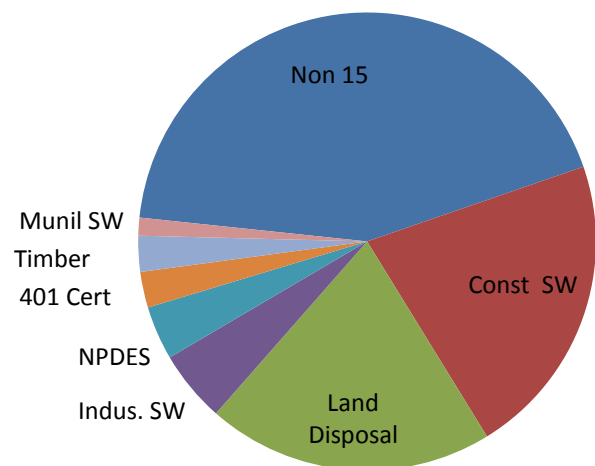
Goals

- Enforce against violations that have adversely affected groundwater quality. Emphasis is placed on providing safe drinking when necessary, eliminating the pollutant source, and then cleanup. Examples include dairies, wastewater treatment facilities that infiltrate treated effluent.
- Continue an effort initiated in FY 2013/2014 to enforce the annual reporting requirements for the NPDES Industrial and Construction Storm Water Programs. The annual reports provide information on a Discharger's BMPs, discharge quality, and corrective actions on an annual basis. Improving submittal rates and following through on non-compliant sites should result in significant storm water quality improvements.
- Enforce against violations where the violations are creating adverse impacts to surface water quality and beneficial uses. Examples include unauthorized discharges of sewage, hazardous waste, and dredged and/or fill materials to creeks, springs, rivers, lakes, and wetlands.
- Implement action items identified through the Water Board's Enforcement Subcommittee that are intended to improve program efficiency and effectiveness.

Types



Programs



Accomplishments

Spalding Tract Onsite Wastewater Systems: Water Board staff continues to implement a comprehensive enforcement strategy to bring all Spalding Tract property owners into compliance with Basin Plan prohibitions against the discharge of waste containing nutrients to groundwater and surface water within the Eagle Lake basin. The Water Board adopted one Administrative Civil Liability Order and one Cease and Desist Order. The Water Board also rescinded 12 Cease and Desist Orders for property owners that had come into compliance. Staff expects that by the end of June 2015, all but two out of over 600 property owners will be in compliance with the Basin Plan. Staff will be taking additional steps to bring these remaining property owners into compliance by the end of 2015.

Arimol-Serenity Lodge: Water Board staff continues to work towards surface water restoration and mitigation, in accordance with Cleanup and Abatement Order requirements. Arimol did implement creek and willow wetland restoration activities during the summer/fall 2014. Some additional impacts analysis will be completed in February 2015, and staff expects that Arimol, with input from staff and other agency staff, will develop and implement a mitigation plan for temporal and permanent surface water impacts during the spring/summer of 2015.

Dairies: Water Board staff continues to work with the property owners of the former N&M Dairy to implement the terms of the Settlement Agreement and Cleanup and Abatement Order that were adopted December 12, 2013. The property owners have been granted additional time to develop an approximately 300-acre conservation easement that includes the Mojave River channel and floodplain. Water Board staff also continues to work with other dairies to address groundwater nitrate/TDS pollution due to past and ongoing dairy waste discharge practices. Staff is pursuing Cleanup and Abatement Orders requiring replacement water be provided to residents whose drinking water wells have been polluted by a number of dairies. Cleanup and Abatement Orders are also being developed to address the dairy waste discharge practices that have caused groundwater nitrate/TDS pollution.

Supplemental Environmental Project Program: The Water Board initiated its pilot SEP Program by providing the Truckee River Watershed Council with over \$700,000 to fund all or portions of three restoration projects in the Truckee River watershed. Staff is preparing to initiate the next phase of the Water Board's SEP program, which involves reaching out to and developing partnerships with several watershed groups that will identify potential SEP projects, and implement such projects upon receiving funding from administrative civil liabilities imposed by the Water Board. The outreach and partnership development activities will begin March 2015 and staff is hopeful that several partnerships will be in place summer/fall 2015.

Performance targets for this year – Progress to date

- **Mandatory Minimum Penalties – Performance target is to address 100 percent of MMP violations within 18 months discovery.**

Water Board staff is working to resolve violations subject to MMPs at four facilities. Susanville WWTP, VVWRA WWTP, Hot Creek Hatchery, and Fish Springs Hatchery. Staff anticipates resolving all MMP violations at each of these facilities by the end of June 2015.

- **Priority 1 Violations – Performance target is to take formal enforcement action against 100 percent of Priority 1 Violations within 18 months of discovery.**

All Priority 1 violations identified in the past 18 months have been or continue to be addressed by formal enforcement actions.

- There are a number of older Priority 1 violations (prior to the creation of this performance target) that have been addressed through informal enforcement action. No formal enforcement action will be taken in response to these older Priority 1 violations previously addressed with informal enforcement.

Performance targets for next year

- **Same Performance Targets as above.**

Lahontan Water Board Program Fact Sheet FY 2014-2015

Land Disposal

Overview

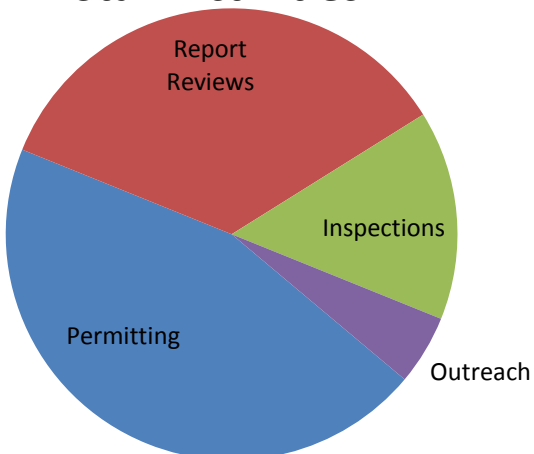
The purpose of the Land Disposal Program is to regulate facilities which discharge waste to land that may negatively impact water quality in an effort to ensure they are operated in a manner which protects water quality, in accordance with California Code of Regulations (CCR), title 27 and the California Water Code. The program covers landfills, mines, composting operations, cement plants, land treatment units, and other facilities governed by CCR, title 27. Currently, about three positions within the Lahontan Region are dedicated to this program.

Goals

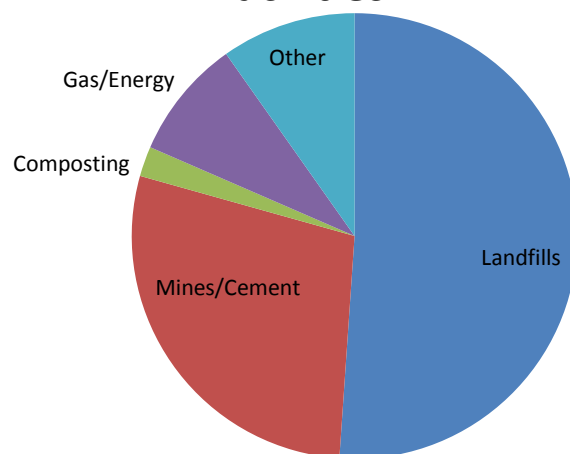
Program goals include:

- Collaborate with State Water Resources Control Board, Cal Recycle, and representatives in the industry to develop appropriate general waste discharge requirements for composting facilities.
- Collaborate and coordinate with Cal Recycle for the continued regulatory oversight of landfill facilities to ensure protection of groundwater and the environment.
- Review monitoring reports and other technical documents for landfills and other land disposal facilities to ensure water quality is protected.
- Ensure financial assurance documents and instruments are current and sufficient to account for current costs of closure, post closure, and corrective actions, as applicable, for all land disposal facilities.
- Respond to discharger requests for new and revised waste discharge requirements related to new or modified operations at landfills and other land disposal facilities.
- Respond to discharger requests to rescind waste discharge requirements for closed mines and other land disposal facilities.
- Inspect all Threat to Water Quality (TTWQ) 1 land disposal facilities annually; inspect all TTWQ 2 and 3 land disposal facilities bi-annually.
- Continue to provide outreach to the regulated communities and the general public.

Staff Activities



Facilities



Accomplishments

- Completed 144% of targeted inspections as of January 13, 2015.
- Reviewed technical and monitoring reports to ensure compliance with existing permits.
- Reviewed financial assurance documentation in an effort to bring facilities into compliance with financial assurance requirements.
- Drafted new waste discharge requirements for Blue Eagle Mine.
- Drafting new waste discharge requirements for Fort Irwin Industrial Water Treatment Plant.
- Revise waste discharge requirements for U.S. Borax Mine in Boron to allow additional discharge capacity and to convert Toxic Pits Cleanup Act-exempt ponds to CCR, title 27 surface impoundments.
- Revising waste discharge requirements for the Lancaster Landfill, Boron Landfill, Mojave-Rosamond Landfill, Ridgecrest Landfill, and Tehachapi Landfill.
- Water Board staff are also continuing public outreach regarding issues such as composting and other land disposal facilities of interest.

Performance targets for FY 13-14

	<u>Target</u>	<u>Achieved</u>
• # of Land Disposal Permits Landfills Updated:	1	1
• # of Land Disposal Permits All Other Updated:	2	0
• # of Land Disposal Landfills Inspected:	21	29
• # of Land Disposal All Other Facilities Inspected:	16	22

Performance targets for FY 14-15

	<u>Target</u>	<u>Progress to date</u>
• # of Land Disposal Permits (Landfills) Updated:	1	0
• # of Land Disposal Permits (Other Facilities) Updated:	1	2
• # of Landfills Inspected:	4	13
• # of Other Land Disposal Facilities Inspected:	12	14



Overview

The State of California owns the Leviathan Mine property, which is on the federal list of the most polluted sites in the nation (National Priorities List). The purpose of the Water Board's Leviathan Mine program:

- Abate discharges of acid mine drainage (AMD) to Leviathan Creek from areas of the Leviathan Mine Superfund Site that the Water Board manages.
- Maintain the Water Board's pollution abatement infrastructure at the Site.
- Comply with USEPA orders regarding the Site.
- Provide review and comment on cleanup activities and Remedial Investigation / Feasibility Study (RI/FS) activities proposed and carried out by Atlantic Richfield (AR) to comply with USEPA orders.
- Develop and implement a final remedy for the Site that is protective of human health and the environment.

The Water Board implements the program with an allocation of five positions.

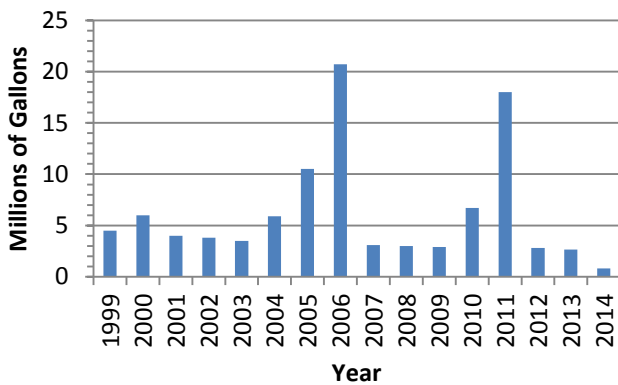
Goals

- Prevent overflow of untreated AMD from storage ponds by treating stored AMD during summer treatment campaigns and, if needed, with spring treatment.
- Achieve USEPA discharge criteria for discharges of treated AMD.
- Ensure RI/FS adequately describes the nature and extent of mine waste deposited at and from the Site, evaluates the risk to human health and the environment from that waste, and evaluates reasonable alternatives for reducing the risk to acceptable levels.
- Design and implement a remedy that restores and protects water quality and the environment to the extent feasible.

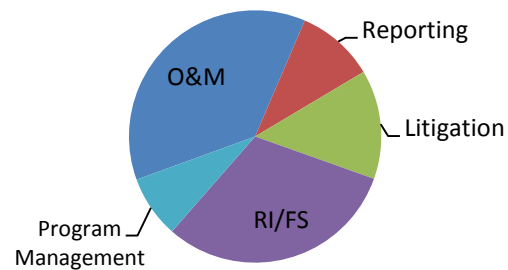
Challenges

- The site is remote, fully accessible only in the summer, and has no permanent power or communications.
- The amount of needed treatment is highly variable, depending on the previous winter's precipitation; amount of needed treatment may vary by a factor of 10.
- Storage pond volume is not sufficient for wet year storage of AMD and accumulated precipitation. To prevent overflow in wet years, spring treatment must be done during time of limited access and freezing conditions.

Treatment Volume



Staff Activities



Accomplishments

- Successfully treated all AMD stored in the ponds, making maximum volume available for storing AMD and precipitation over the winter.
- Treated water to meet EPA's discharge criteria.
- Removed accumulated sediment from storm water control ditches.
- Finalized and implemented a contract for treatment and maintenance for 2014 – 2016 treatment seasons.

Performance targets for this year – Progress to date

- Remove and dispose sludge generated by AMD treatment process during the previous field season – completed summer 2014.
- Treat stored AMD to create storage capacity for subsequent winter and spring months – completed fall 2014.
- Conduct needed site maintenance – storm drain maintenance completed fall 2014.
- Report to EPA on year's activities – scheduled for completion February 2015.
- Prepare Work Plan for 2015 field season – scheduled for completion March 2015.
- Prepare road use plan for US Forest Service – scheduled for completion April 2015.
- Review and comment on RI/FS work plans and reports prepared by AR – ongoing.
- Coordinate with AR on site activities – ongoing.

Performance targets for next year

- Remove and dispose sludge generated by AMD treatment process during the previous field season – scheduled for completion summer 2015.
- Treat stored AMD to create storage capacity for subsequent winter and spring months – scheduled for completion summer/fall 2015.
- Conduct needed site maintenance – scope to be determined.
- Report to EPA on year's activities – scheduled for completion February 2016.
- Prepare Work Plan for 2016 field season – scheduled for completion March 2016.
- Prepare road use plan for US Forest Service – scheduled for completion April 2016.
- Review and comment on RI/FS work plans and reports prepared by AR – ongoing.
- Coordinate with AR on site activities – ongoing.

Lahontan Water Board Program Fact Sheet FY 2014-2015

National Pollutant Discharge Elimination System

Overview

The State of California implements the federal National Pollutant Discharge Elimination System program under authorization by the U.S. EPA, except for the wastewater treatment plant biosolids component. All facilities discharging pollutants (except storm water) from any point source into waters of the United States must obtain a permit. The NPDES storm water program is separately managed. Major permits cover facilities discharging greater than 1 million gallons per day. Minor permits cover smaller volume discharges. General Permits issued by both the State and Regional Boards cover numerous broad categories of similar discharges. Less than two full-time positions are dedicated to this program.

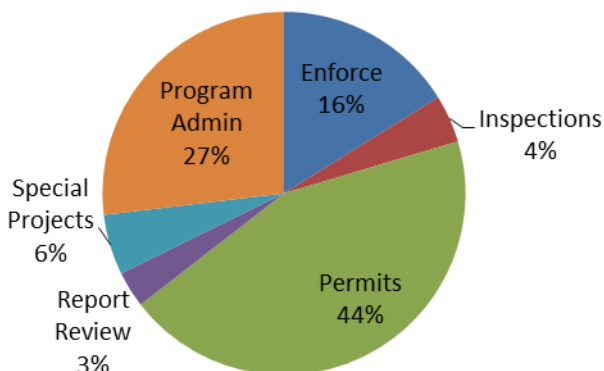
Goals

The program goals are to ensure that:

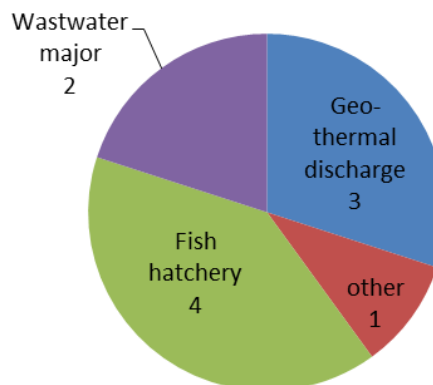
- Surface water quality objectives are met and beneficial uses are not impaired.
- Numerical and narrative effluent limitations contained in permits are satisfied.
- Permits are written for all discharges into waters of the United States and keep a minimum of 90% of all permits current/updated.
- Cost of compliance and review the sampling and analysis that is required and attempt to minimize the number of samples needing to be collected and analyzed, but maintain enough information to determine compliance with permit requirements.

NPDES permits are only valid for five years. A program priority is to continually keep permits current. During FY 2014-15, staff intend to update three minor facility permits. Water Board staff plan to facilitate a working group in the Susan River area to discuss future disposal options and/or need for Basin Plan changes to accommodate Susanville Consolidated Sanitary District discharges into the future.

Staff Activities



Types of Facilities



Last year Performance Targets FY 13-14

For the NPDES program, the Region met all the inspection requirements and updated one Major Wastewater Permit (Victor Valley Wastewater Reclamation Authority Facility). The only category that did not meet its target was for a minor permit update. The staff did update one general NPDES permit, which did not count toward the minor permit update target.

Projects implemented

- Hot Creek Hatchery – Dischargers dredged settling ponds to improve effluent quality.

Performance targets for this fiscal year 2014-2015 – Progress to date

	Target	Progress to Date
Majors Facilities Inspected: 1 of 1	1	1
Minor Facilities Inspected: 3 of 1	1	3
Major Permits Renewed: 0 of 0	0	0
Minor Permits Renewed: 1 of 3	3	1

For the Minor Permits, one permit is out for public comment and scheduled for renewal in March 2015. The third minor draft permit is being developed and is tentatively scheduled for renewal at the Water Board's June 2015 meeting.

Lahontan Water Board Program Fact Sheet FY 2014-2015

Organizational Improvement

Overview

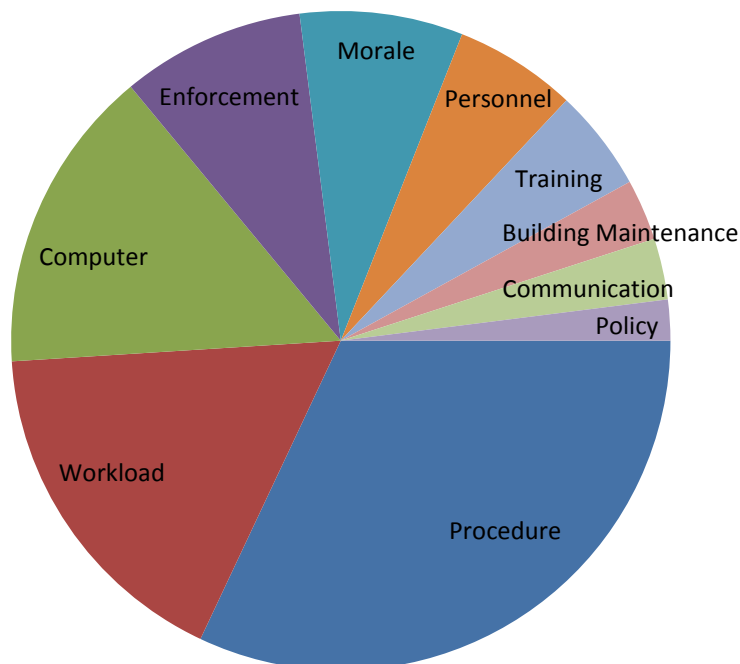
The Purpose of Organization Improvement is to promote continuous internal improvement so we are more efficient in using our resources to enhance and protect water quality.

Background. In the Spring of 2012, the Executive Officer requested staff provide ideas on how our organization could operate more efficiently both internally and externally. Staff provided over 100 ideas that spanned the ten Improvement Categories listed below. Most of the comments focused on improving our internal workings. The ideas were further considered by small working groups at the All Staff Training held in both 2012 and 2013. At the March 2013 Board meeting, staff summarized progress to date including formation of an internal organizational improvement team and an All About Attitude committee, and recognized that much additional work is to be completed in the coming years.

Goals

- Improve our organization as a whole by ensuring our processes are effective and streamlined.
- Recognize and cultivate the nexus between smooth internal processes and external success.
- Create, organize, and address a compendium of staff ideas (comments, concerns, suggestions) and establish a process for receiving new ideas.
- Disseminate the status of addressing concerns and implementing suggestions.
- Build professional capacity by providing ongoing training.
- Foster relationships which are more collaborative both externally and internally.

Improvement Categories



Accomplishments

- Formed Website Improvement Team for Region 6 comprised of staff from both Victorville and South Lake Tahoe offices representing a good cross section of staff including upper management, supervisors, technical and administrative staff.
- Created and implemented an online suggestion box so staff can submit ideas for improvement.
- Developed an internal process for monthly review of the suggestions by the management team and steps to implement viable ideas. The e-suggestion box is accessible for viewing by any staff to check on status of submitted ideas.
- Supported on-going staff training and workshops.
- Organized and developed a searchable database to track staff ideas and progress.
- Developed an electronic procedures manual to house administrative and technical procedures and posted the individual procedures on Intranet site.
- Held supervisory and management training on improving hiring and supervisory skills.

Objectives

- Improve how we communicate both internally and externally through various mediums (oral, written).
- Enhance professional performance by providing (1) focused technical workshops, (2) All Staff Trainings, and (3) training to improve staff development and communication.
- Improve storage and retrieval of records by converting to Electronic Content Management (paperless office) by Summer 2015.
- Revisit our priorities and accomplishments annually and present to Water Board at public meeting.
- Develop an internal structure for identifying needed internal policies or elevating policies that require State Board consideration.
- Organize and prioritize ideas to implement through work groups.
- Provide for all staff and focused management training.
- Establish an annual process for identifying all staff training needs to improve administrative, technical, and supervisory effectiveness.
- Hold regular Organization Improvement Team meetings, Web Improvement Team meetings, and All About Attitude meetings.

Lahontan Water Board Program Fact Sheet FY 2014-15

Site Cleanup Program (SCP)

Overview

The Site Cleanup Program (SCP) focuses on releases of pollutants to soils and groundwater, but in some cases also to surface waters and sediments. SCP sites include those with pollution from recent or historical surface spills and subsurface releases (e.g., pipelines, sumps), along with other unauthorized discharges that pollute or threaten to pollute surface waters or groundwater. Typical cleanup sites include soil and groundwater cleanups at large industrial facilities such as sawmills, power plants, and chemical milling plants, along with smaller facilities like dry cleaners and aboveground storage tanks. The types of pollutants encountered at SCP sites are diverse and include fertilizers, fuels, heavy metals, nutrients, salts such as perchlorate, and solvents.

A total of 25 SCP cases, such as PG&E Hexavalent Chromium, Hinkley, are in the cost recovery program wherein the responsible party (RP) covers staff costs for providing oversight. SCP cases *not* in cost-recovery are funded through the state General Fund, which has allocated 0.76 PY this fiscal year.

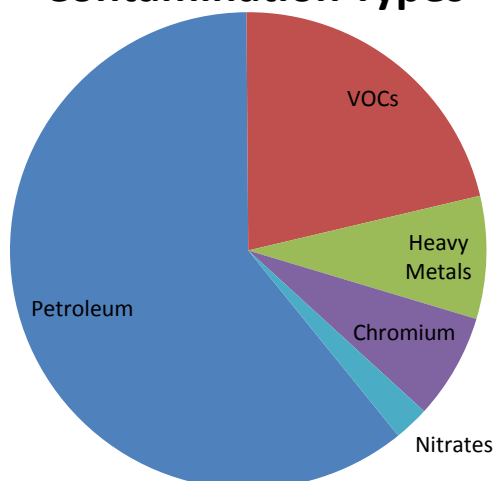
Goals

The primary goal of the SCP is to direct and provide oversight of site investigation and cleanup activities that will result in restoration and/or protection of water quality, human health, and the environment.

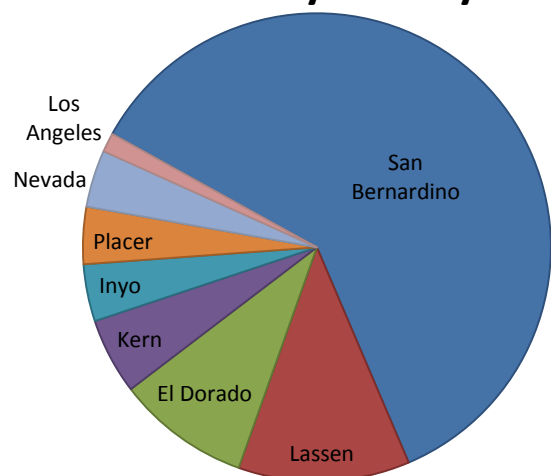
Continuing the management of the PG&E Hexavalent Chromium, Hinkley, groundwater cleanup is the highest SCP priority. Management of this site requires the equivalent hours for approximately three full-time staff.

General funded SCP case work is distributed based upon threat to water quality, the environment, and human health. There are insufficient hours for staff to work on all SCP sites each year. A continuing goal of the SCP program is to enroll dischargers in the cost recovery program to provide a funding mechanism to work on these cases.

Contamination Types



Cases by County



Accomplishments January 2014 to June 2015

PGE Hexavalent Chromium Plume, Hinkley

The Water Board adopted new WDRs to expand the use of agricultural treatment units (alfalfa fields) to remediate hexavalent chromium in extracted groundwater. Groundwater investigation and remediation continues, with new fields operating by spring 2015. Division of Drinking Water adopted new MCL of 10 micrograms per liter for hexavalent chromium. This new MCL prevents the Water Board from enforcing its order requiring replacement water for domestic wells that meet the drinking water standard. PG&E ceased its replacement water program fall 2014. Staff is drafting a new Cleanup and Abatement Order with specific interim cleanup targets. Public meetings and comment period will occur from January through summer, with a Water Board hearing scheduled for September 2015.

Lebec Cement Facility

The responsible parties, National Cement Company, Lafarge North America Inc., and the Tejon Ranch Company (land owners) demonstrated corrective action has been completed for a petroleum-contaminated site at the Lebec Facility. Staff continues to work with the RPs to clean up other sites at the Facility.

Mountain Pass Mine and Mill

MolyCorp Minerals LLC submitted two reports: Site Soil Investigation and Groundwater Feasibility Study for the Mine site and offsite areas. Additional data is needed to design a final cleanup plan for past discharges of salts, nitrates, radionuclides, and metals to soils and groundwater. Cleanup and Abatement Order No. 6-98-19 was replaced with an updated Order that requires MolyCorp to clean up and abate these releases.

Nitrate Plume, Barstow

The City of Barstow (City) has entered the cost recovery program to address a groundwater nitrate plume from its wastewater treatment plant. The City's nitrate plume is co-mingled with an existing upgradient perchlorate plume. Staff has met with the City to review a Feasibility Study addressing both problems.

Perchlorate Plume, Barstow

The Mojave Water Agency, on behalf of the community, applied to the Division of Drinking Water to form an entity that can receive grant money to fund a long-term solution to address the perchlorate issue. That grant was awarded in November 2014. Private domestic wells and City of Barstow wells are sampled to track the movement of this plume.

Oro Grande Cement Facility Hexavalent Chromium Release, Oro Grande

Riverside Cement Company has completed the second phase of an evaluation monitoring program for the release of hexavalent chromium to groundwater at the facility, including a bench-scale treatment study and proposed groundwater contingency measures study for offsite migration of hexavalent chromium in groundwater.

Palmdale Water Reclamation Plant, Palmdale

Staff accepted the Los Angeles County Sanitation District's feasibility and cost of nitrate plume cleanup plan and required additional work to address staff comments on the proposal.

Tahoe Meadows, South Lake Tahoe

Prior investigations did not identify a likely RP for groundwater contamination (VOCs) detected in certain Tahoe Meadows domestic wells. Therefore, Staff is assisting affected homeowners to obtain funds from the Division of Drinking Water for connection to the South Tahoe Public Utility District (District) municipal supply system. Staff continues to collect samples from select domestic wells on a semi-annual basis and provides the results to homeowners and other interested parties.

Sierra Pacific Industries (SPI), Susanville

In November 2014, SPI submitted a comprehensive corrective action plan for the Former Susanville Sawmill and Cogeneration Facility proposing final remedies for areas of concern at the site. SPI also submitted a public participation plan to support the Water Board's requirement for corrective action notification. SPI field work included closure of four former surface impoundments, investigation of shallow soil contamination, and continued operation of the land farm; report summarizing the 2014 field work submitted December 2014. Future actions will likely involve verification groundwater monitoring, a deed restriction evaluation, and additional limited removal actions.

Performance targets for fiscal year 2013/2014

	<u>Target</u>	<u>Completed</u>
• Number of Cases Closed	2	1
• Number of Cases into Active Remediation	1	1

Performance targets for fiscal year 2014/2015 – Progress to date

	<u>Target</u>	<u>Completed</u>
• Number of Cases Closed	9	5
• Number of Cases into Active Remediation	0	0



Lahontan Water Board Program Fact Sheet FY 2014–2015

Storm Water

Overview

The Storm Water Program permits discharges of pollutants in storm water runoff to waters of the United States under the National Pollutant Discharge Elimination System in two main program areas: Phase I and II Municipal Separate Storm Sewer Systems (MS4s) and Industrial; construction is a major Industrial category. A general permit approach is used to reduce pollutants from reaching surface waters by requiring specified control measures for:

- Discharges of pollutants in storm water and non-storm water, including sediment
- Preventing exposure of pollutant sources to storm water
- Preventing alterations to hydrology affecting sediment loads in local waters
- Erosion and pollutant discharges from construction and roadways/operations

Phase I MS4s: Four in the Lake Tahoe basin, including Caltrans-Lake Tahoe.

Phase II (Small) MS4s: Non-Tahoe Caltrans, two in the Truckee River basin, and seven in the Mojave River basin.

Industrial and Construction: Approximately 245 and 360, respectively (the latter varies annually).

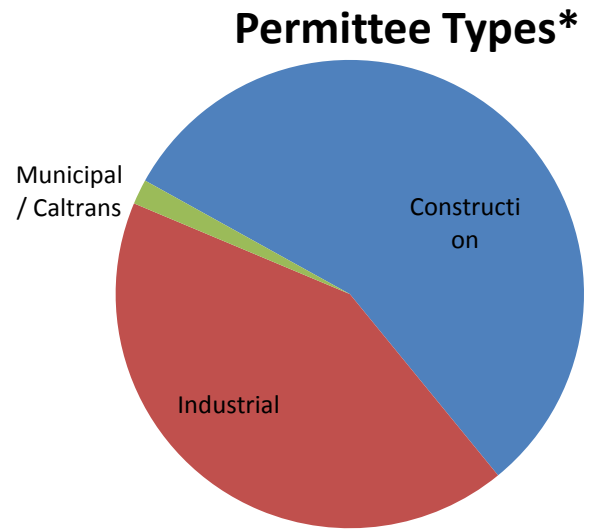
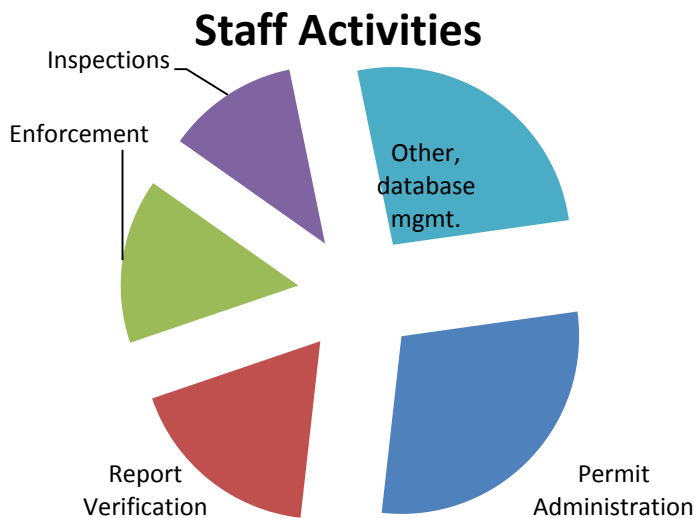
Approximately four positions are allocated, including one for Lake Tahoe MS4 permitting and Total Maximum Daily Load (TMDL) oversight.

Goals

- Collaborate with State Water Board on permit development, and implement requirements in Water Board general permits.
- Maintain effective programs across the Region (both offices)

Staff implements goals by:

- Commenting on environmental documents, advising on permit requirements and storm water pollution prevention through Low Impact Development and similar methods.
- Conducting inspections, reviewing monitoring reports, taking enforcement, and public outreach as extremely-limited staff resources allow.
- Inspect or otherwise verify post-construction controls prior to permit termination.
- Work with municipalities implementing MS4 permits and monitoring requirements.
- Write permits or assist State Water Board staff in permit development
- Manage general permit enrollment and permit termination (with on-line database).
- Collaborate with State Water Board staff on program improvement, and setting and tracking annual Performance Targets.



*Reflects numbers of permits, not work efforts

Accomplishments FY 2014-2015

- Staff provides the public information on our current understanding of federal and state requirements for storm water in the Lahontan Region, which contains many surface waters not considered federal Waters of the United States.
- Staff plans to work to develop general waste discharge requirements for regulating storm water discharges to surface waters of the State that are not Waters of the United States.
- Staff is preparing to implement the reissued Statewide General Industrial Permit (effective date July 1, 2015); the first Permit update since 1997 includes many new requirements.
- Staff participated in developing a Storm Water Strategic Initiative, a collaborative regulatory program improvement process expected to be completed by State Board in April 2015 (http://www.waterboards.ca.gov/water_issues/programs/stormwater/strategy_initiative.shtml).
- Staff assisted and trained many legally responsible people in permit compliance.

Performance Targets for Fiscal Year 2013 – 2014

	Target	Progress to Date
Construction sites:	80	88 (56 sites)
Industrial facilities:	20	32

Performance Targets for Fiscal Year 2014 – 2015

	Target	Progress to Date
71 Construction sites	71	33
18 Industrial facilities	18	16
6 Municipalities	1	1

Lahontan Water Board Program Fact Sheet FY 2014-15

Total Maximum Daily Load (TMDL)

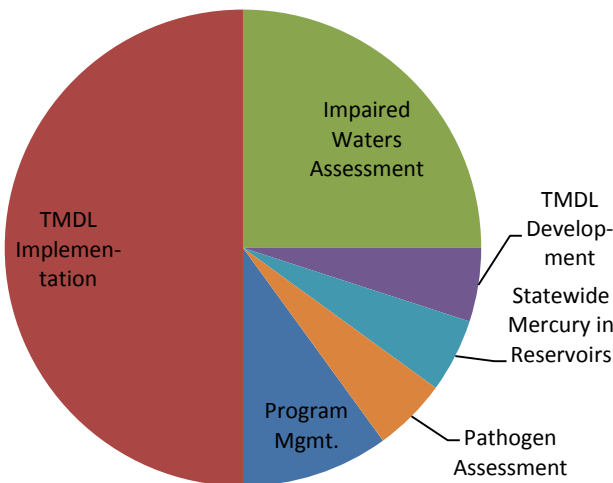
Overview

The TMDL Program addresses impaired waters of the Region and satisfies Clean Water Act Section 303 and 305 requirements. The TMDL Program resources are a combination of funds from the state's Waste Discharge Permit Fee account and federal TMDL development program. The state funds 4.6 PY for TMDL and Basin Planning work and the federal program funds 0.9 PY for TMDL development. TMDL staff assesses waterbodies for water quality impairments, determines possible sources, types and magnitude of impairments, and prepares plans to restore beneficial uses of the impaired waterbodies through TMDLs and other means.

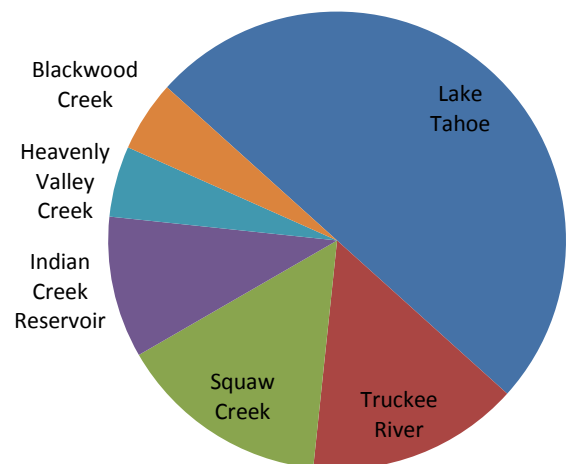
Goals

The TMDL Program's goals include 1) implement adopted TMDLs and periodically update the Water Board on implementation efforts, 2) identify impairments with one pollutant source that can be addressed with a single regulatory action, 3) group impaired waters to more efficiently address the impairments, and 4) develop TMDLs to restore beneficial uses to waterbodies in the Region whose water quality objectives are impacted by controllable pollution.

Staff Activities



TMDL Implementation



Accomplishments

Lake Tahoe TMDL Implementation

The Lake Tahoe TMDL Program achieved four big accomplishments. The TMDL Online Interface was established to provide transparent implementation reporting and tracking. The first annual Lake Tahoe TMDL Report was published. The second annual Synthesis of Findings and Program Evaluation Report summarizes recent relevant research and monitoring efforts. The Lake Tahoe TMDL Management System Handbook was finalized and will be presented to the Water Board March 2015.

2012 Integrated Report

Submitted Administrative Record for Lahontan Board Approved 303(d) list to State Board and responded to inquiries and proposed revisions. State Board will consider adoption Spring 2015.

Impaired Waters Assessment

Evaluated 303(d) listed waters to determine which waterbodies require further data to confirm the impairment, which impairments are likely due to a natural source, which waterbody-pollutant combinations have sufficient data to develop a TMDL or TMDL alternative, such as a regulatory action. Staff also coordinated with SWAMP to sample multiple impairments in support of the assessment effort. Staff will present plan to Water Board Summer 2015.

Pathogen Assessments

Worked to assess and correct bacteria water quality impairments including grazing management practices grants, laboratory support, bacteria monitoring and source tracking analyses, data evaluation, data sharing with State Board policy makers, and participating in the Statewide bacteria objectives project.

Statewide Mercury in Reservoirs

Participated in Statewide Control Program for mercury in reservoirs with staff participation in the Steering Committee leading outreach with focused stakeholder meetings with reservoir owners and operators.

Performance targets for fiscal year 2013-14

<u>Target Description</u>	<u>Targets</u>	<u>Achieved</u>
# of pollutant/waterbody combinations addressed	10	8*
# of TMDLs (or TMDL alternates) adopted	1	0

* The 8 targets achieved are pollutant/waterbody combinations of certain tributaries to Lake Tahoe. The Lahontan Water Board accomplished these targets by adopting the 2012 Integrated Report. State Board Integrated Report adoption is scheduled for March 2015, followed by US EPA.

Performance targets for fiscal year 2014-15

<u>Target Description</u>	<u>Targets</u>	<u>Achieved to Date</u>
# of pollutant/waterbody combinations to address	2	0
# of TMDLs (or TMDL alternate) to adopt	0	0

The banner features a scenic landscape with a large body of water in the foreground, rolling hills in the middle ground, and a clear blue sky with light clouds. The text is centered over this image.

Lahontan Water Board Program Fact Sheet FY 2014- 2015

Waste Discharge to Land ***(not under Title 27 regulations)***

Overview

The Waste Discharge to Land Program authorizes and regulates actions or discharges of waste that pose a threat to waters of the state (waters of the state includes both ground and surface water). This is the oldest state water quality control program and is performance-based. The program primarily covers regulation of wastewater (sewage) treatment facilities, but the program also covers facilities such as ski areas, golf courses, parking lots, and dairies and their associated waste discharges to land. The waste discharges covered by this program are not subject to the requirements of California Code of Regulation, title 27 requirements nor the Clean Water Act. Currently, the Water Board has about seven full-time positions working within this program.

Dischargers submit a report of waste discharge and staff prepares Waste Discharge Requirements (WDRs) for consideration by the Water Board to adopt. The Water Board may establish numeric and/or narrative effluent and receiving water limits to protect beneficial uses of the receiving water that are included in the Water Quality Control Plan for the Lahontan Region (Basin Plan). The Water Board may adopt WDRs for new discharges of waste after receiving a complete report of waste discharge. Also, the Water Board has the authority to adopt/impose WDRs for existing discharges of waste.

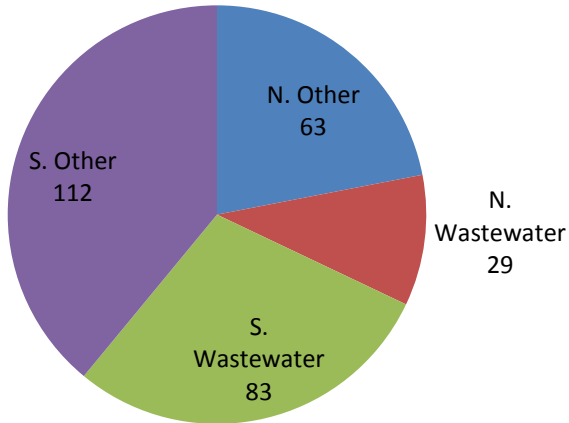
Goals

The purpose of the program is to protect ground or surface water from unreasonable degradation and pollution and to prevent nuisance. The current priority goal is focused on dischargers who are polluting or threatening to pollute groundwater. The Water Board is revising WDRs, issuing enforcement orders and ensuring progress is made to upgrade treatment facilities, install groundwater remediation systems, and improve waste management activities (e.g., manure application to crops at agronomic rates) to reverse the trend of receiving water degradation. Recent WDRs for sewage treatment facilities have included effluent limitations for total nitrogen to protect groundwater from nitrate pollution. Discharges associated with new or updated WDRs are being specifically evaluated with respect to the antidegradation policy, Resolution 68-16. The wastewater facilities range from 1,500 gallons per day to 15 million gallons per day. Other facilities include 1) ski resorts and golf courses, 2) confined animal feeding operations, 3) small construction projects, 4) onsite septic tanks managed by local agencies, 5) dredge/fill projects affecting only waters of the state, and 7) recycled water.

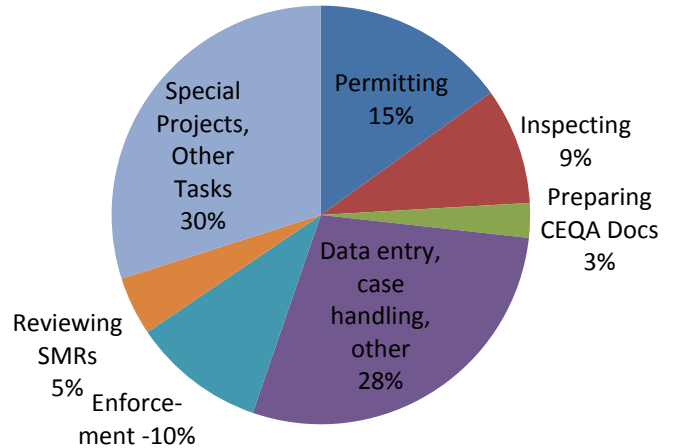
Program Evaluation

This year the program, for all regions, was evaluated by the State Water Resources Control Board. This evaluation identified that the program commonly gets tasked with new or unusual work that does not make up a core regulatory task. Examples of non-core regulatory work covered by the program include Local Agency Management Plans for permitting onsite wastewater treatment systems or conducting ground water investigations with no known discharger (such as the nitrate pollution in the groundwater near Hinkley unassociated with PG&E or operating dairies).

of Facility Type



Staff Planned Activities



Accomplishments

- Crestline CSD – Las Flores Ranch groundwater assessment completed
- Bishop/Eastern Sierra CSD groundwater assessment in progress
- Hinkley area groundwater residential well sampling begun and in-progress

Performance Targets for Fiscal Year 2013 – 2014

	Target	Completed
Inspections Municipal Facility:	36	55
Inspections Other Facility:	17	24
Permits Rescissions:	1	46
Permits Amendments:	6	2
Permits Cat 2 WDRs:	2	2
Permits Cat 3 WDRs:	2	3

Performance Targets for Fiscal Year 2014 – 2015

	Target	Progress to Date
Inspections:	62	19
Individual WDRs (Permits)	7	1

One WDR has been accomplished, two are still being scheduled; and several are being reviewed with the possibility of using new State Board General Orders in lieu of issuing new individual WDRs.



Lahontan Water Board Program Fact Sheet FY 2014-15

Nonpoint Source Pollution Control (NPS)

Overview

The purpose of the Nonpoint Source Pollution Control Program (NPS Program) is to restore waters impacted by NPS pollution and protect unimpaired waterbodies. The primary causes of NPS pollution impairment or threat in the Region are from forestry, urban runoff, hydro-modification, abandoned mines, and grazing. Restoration on forested lands and grazing are high priorities in the NPS Program while pollution from urban runoff, hydromodification, timber, fuels management and abandoned mines are primarily addressed through other programs. Federal resources under the 319(h) program allocates 1.9 PY for the NPS work. Staff resources are focused on total maximum daily load (TMDL) implementation priorities.

The Region's NPS Program in part implements the statewide ***Plan for California's Nonpoint Source Pollution Control Program***, and is consistent with the statewide ***Policy for Implementation and Enforcement of the Nonpoint Source Pollution Control Program***.

Goals

The NPS Program is currently focusing on the management of grazing, restoration projects on forested lands, and implementation of actions identified in adopted TMDLs. For the remainder of FY 14/15 and for FY15/16, NPS Program goals include:

Grazing Management:

- Implement the Grazing Waiver for Bridgeport Valley/East Walker River Watershed
- Support implementation of grazing management practices to improve water quality in impaired waterbodies.
- Assist the Statewide Grazing Regulatory Action Project (GRAP) to explore a range of options to enhance environmental benefits from grazing, protect beneficial uses of surface and groundwater, and address potential impacts to water quality posed by grazing.

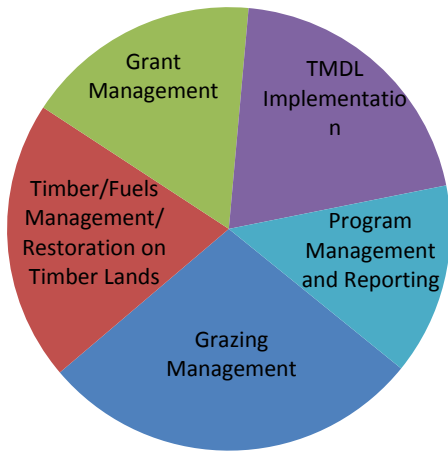
Restoration Projects on Forested Lands:

- Review and inspect projects on to prevent soil erosion and discharge to surface waters, stream course damage, compaction or removal of riparian soil and vegetation, and soil and plant loss in wetlands.

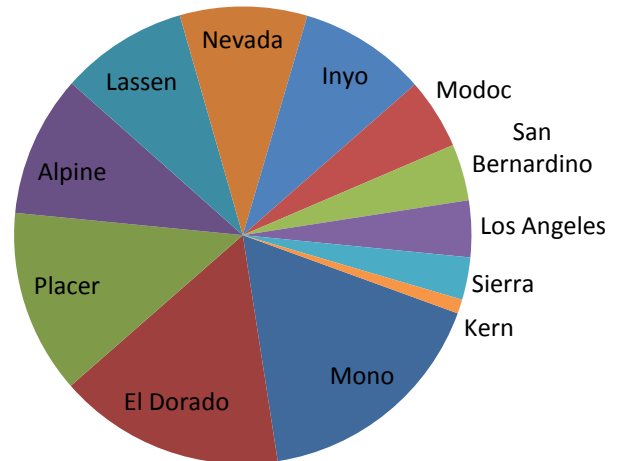
Implementation of Actions Identified in Adopted TMDLs:

- Review TMDL implementation activities specified in the Lake Tahoe, Truckee River, Squaw Creek, Heavenly Valley Creek, and Blackwood Creek TMDLs.
- Conduct environmental education and outreach activities to inform public/youth of sources of water quality impairment.

Staff Activities



County



Accomplishments

- Coordinated with the statewide GRAP work team to draft an Issue Paper, and conducted four 2014 Focused Listening Sessions with industry, government, academia, and conservation community stakeholders. Additional public listening sessions were held in San Luis Obispo, Redding, and Bishop in January, 2015.
- Collected and analyzed over 250 water quality samples from 65 stream and river sites in the eastern Sierra Nevada to evaluate bacteria concentrations and its sources.
- Continued implementation of “Rivers and Ranches” grant by coordinating with U.C. partners to provide monitoring and technical expertise; began implementation on five different projects with the projection of using over \$350k in grant funds specifically for water quality improvements.
- Brought new Waste Discharge Requirements for Tahoe Key Property Owners Association to the Water Board for adoption in July 2014.
- Managed eight technical assistance grant projects that implement adopted TMDLs (including completion of two projects and addition of five new projects).
- Provided oversight and inspections of a major stream restoration and stabilization project on the Upper Truckee River.
- Reviewed environmental documents and conducted inspections at 17 timber and vegetation management and restoration project sites on federal forest lands.
- Participated in the South Tahoe Environmental Education Coalition to provide water quality activities to all campuses in the Lake Tahoe Unified School District (LTUSD) including the Annual Watershed Education Summit in Blackwood Canyon (with LTUSD, North Tahoe, and Truckee high school students)

No Performance targets established for FY 2013-14

No Performance targets established for FY 2014-15

Though no formal performance targets for the NPS Program, each Region is required to submit an annual report to US EPA to report activities under the federal 319(h) program.

Lahontan Water Board Program Fact Sheet FY 2014-15

Surface Water Ambient Monitoring Program (SWAMP)

Overview

The Surface Water Ambient Monitoring Program (SWAMP), established in year 2000, is a statewide monitoring effort designed to assess the conditions of surface waters throughout the State of California. The program is funded by the Waste Discharge Permit Fee (WDPF) “monitoring surcharge.”

“Ambient” monitoring considers all surface waters of the State. SWAMP does not focus on regulated facilities or known problems—it seeks to monitor the status and trends in water quality for all surface waters (lakes, streams/rivers, wetlands, bays/estuaries, and coastal waters).

SWAMP has two primary components: 1) “regional” monitoring led by the Regional Water Boards; and 2) statewide surveys led by the State Water Board. SWAMP also supports the development, deployment, and maintenance of a modern statewide database—the California Environmental Data Exchange Network (CEDEN)—to permanently store surface water monitoring data collected by all entities throughout California.

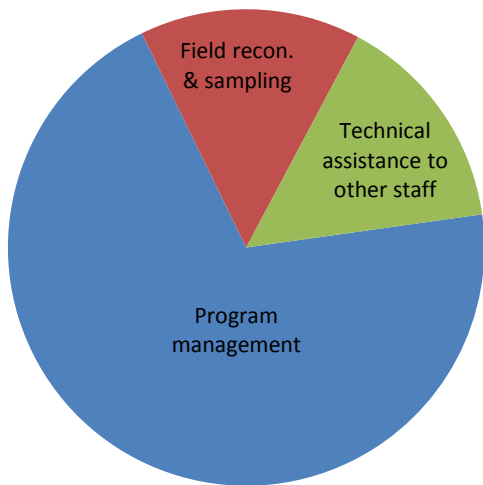
Goals

- Compare ambient water quality at selected sites to the chemical and physical water quality objectives contained in the *Water Quality Control Plan for the Lahontan Region* (Basin Plan) and the “California Toxics Rule.”
- Determine whether water flowing from California into the State of Nevada meets Nevada’s water quality objectives.
- Develop and implement modern tools to assess the biological integrity of the Region’s streams and rivers based on instream benthic macroinvertebrate and algae assemblages.
- Provide data on fish contaminants as needed by the Calif. Office of Environmental Health Hazard Assessment (Cal-OEHHA) to develop “Safe Eating Guidelines” for at-risk waterbodies (e.g., Donner Lake, Silverwood Lake, Little Rock Reservoir, etc.).



SWAMP contractors sampling at Carson River

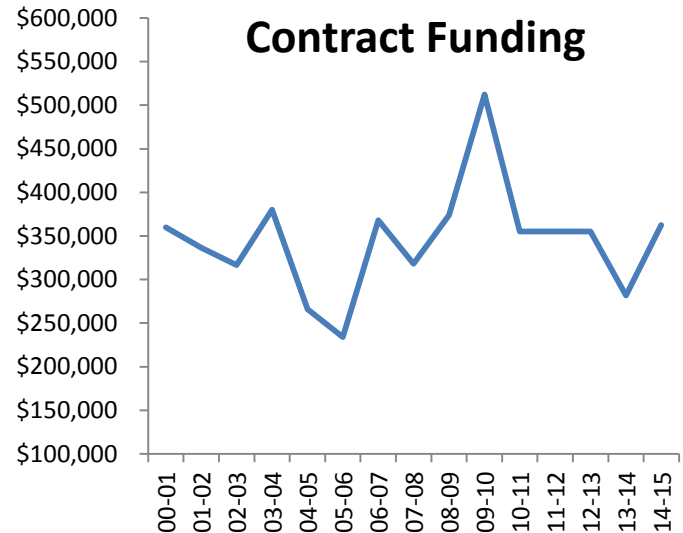
Staff Activities



SWAMP Position at Region 6 (1.0 PY)

The Lahontan Region has one full-time position for SWAMP. The staff person focuses primarily on program management tasks, such as: planning, coordinating with other monitoring efforts/entities, project design, contract development, and overseeing the work of contractors.

Contract Funding



SWAMP Contract Funding at Region 6

SWAMP's regional monitoring program relies on contractors to collect & analyze samples, assess results, and produce reports. The available contract funding varies widely from year to year, which requires continual adjustments in projects and renders long-term planning highly uncertain.

Accomplishments

- Produced more than two thousand chemical results. The data are made available to staff and the public via the California Environmental Data Exchange Network (CEDEN), and assessed in the State Water Board's "Integrated Report" (i.e., Clean Water Act Section 303(d)/305(b) assessment).
- Maintained a user-friendly public webpage that provides easy access to SWAMP reports and data, at: www.waterboards.ca.gov/lahontan/water_issues/programs/swamp/
- Assisted Cal-OEHHA to complete a fish consumption advisory for Little Rock Reservoir (Los Angeles County) in March 2014. Disseminated Safe Eating Guidelines through a media release, hosting briefings with local health officials and the reservoir operator, and posting the advisory at the Region's SWAMP webpage.
- During 2014, the Region's SWAMP staff also: **1)** participated in a year-long, in-depth "Program Review" of the SWAMP program, and played a major role in writing a report that summarizes the findings and recommendations that flowed from the review. The report (titled *Review of the Surface Water Ambient Monitoring Program*) was finalized in December 2014; **2)** completed an assessment of ten years of bioassessment data for Heavenly Valley Creek; **3)** presented the results of bacteria monitoring to county health officers and other stakeholders in Bishop; and **4)** coordinated with the Region's TMDL Unit to adjust SWAMP sampling to obtain data needed to address impairments at 303(d)-listed water bodies.

Performance targets for FY 2014-15

To ensure that SWAMP results are timely and easily accessible to Water Board staff and the public:

- 1) Make available on CEDEN at least 50% of SWAMP-funded data within one year of sample collection
- 2) Make available on CEDEN at least 95% of data within two years of sample collection. This includes completion of laboratory analyses, rigorous quality assurance checks (i.e., data verification and validation), and data transfer.

The Region's SWAMP program has met its performance targets for all prior years, and expects to continue meeting the targets going forward.

Lahontan Water Board Program Fact Sheet FY 2014-2015

Timber Harvest

Overview

The Region's Timber Harvest Program resources are 2.5 PY from the State General Fund and the program uses a conditional waiver (Timber Waiver) to implement the State of CA Nonpoint Source Pollution Control Program. The Timber Waiver applies to vegetation management projects that range from homeowner defensible space operations to local Fire Protection Districts' community protection plans, to large Wildland Urban Interface projects proposed by the CA Dept. of Parks and Recreation, the BLM, and the USFS. Commercial timber harvest conducted by small landowners, industrial timber companies, and the USFS are also covered under the Timber Waiver categories.

The Timber Waiver structures the enrollment conditions and implementation and monitoring requirements based on levels of increasing potential risk to water quality. The primary impacts to water quality from timber harvesting are sedimentation from disturbed land and solar/thermal heating of surface waters after vegetation is removed.

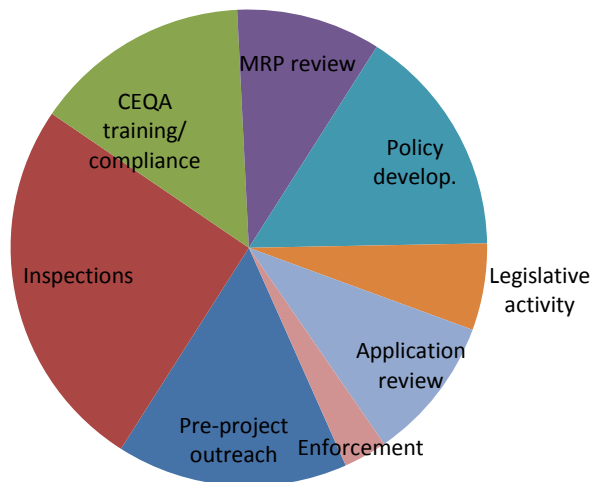
For commercial logging projects the State of CA has developed a Review Team process that involves the Water Boards, the CA Department of Fish and Wildlife, the CA Department of Conservation, and CALFire. The Review Team process satisfies the California Environmental Quality Act requirements, and CALFire is the lead agency.

Goals

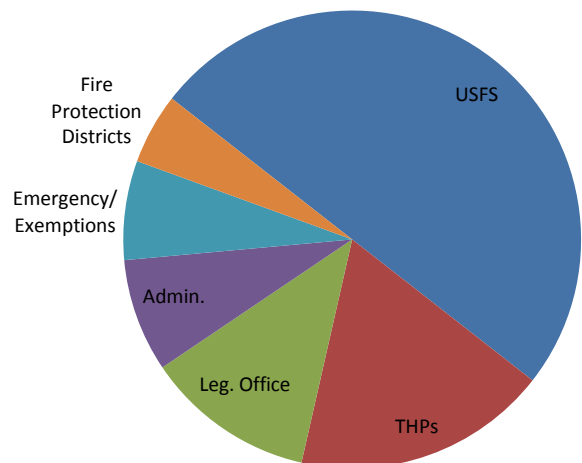
Timber Harvest Program staff work closely with project implementers to ensure proposed projects meet all requirements of the Timber Waiver. Staff conduct inspections of projects once harvesting has commenced.

Timber Waiver enrollment, site inspections, and monitoring reporting requirements are all tracked in the CIWQS database. Staff strive to have a sufficient field presence to identify and correct potential water quality problems.

Staff Activities



Types



Accomplishments

Timber Waiver

Updated the Lahontan Region's Timber Waiver in April of 2014 by removing detailed prescriptive requirements and replacing those with performance-based requirements to give flexibility to project implementers.

Lake Tahoe Basin

Staff continued working closely with USFS Lake Tahoe Basin Management Unit (LTBMU) and local fire district personnel. This helped to ensure that the LTBMU's annual operations plan for the South Shore Fuel Reduction Project met the Board's Waste Discharge Requirements. Monitoring forms for the South Shore WDR were updated to be consistent with the Timber Waiver monitoring forms. The LTBMU is three years into its multiple year project and operations are proceeding smoothly. The USFS LTBMU submits its annual operations plans each year in the spring for the South Shore project.

Staff continue to participate in the multi-agency Tahoe Forest Fuels Team, and offered permitting guidance for Wildland Urban Interface fuel reduction projects conducted by local fire districts.

Inyo National Forest

Staff worked closely with public and private land managers in commencement of a 7-10 year defensible space and fuel reduction project in the June Lake area that covers close to 350 private acres and more than 4,500 public acres.

Lassen National Forest

Staff conducted outreach in January 2014 with forest service personnel on the Timber Waiver update and provided consultation on water quality for pre-project planning.

Regional

Staff coordinated with the State Water Board and the USFS Regional Office to host a joint NEPA/CEQA training in May 2013 to streamline joint NEPA/CEQA documents improving public review processes and Water Board permitting. That joint training received many accolades and is being used as a template for future training throughout the state.

Performance targets for FY 2013-2014

	<u>Target</u>	<u>Completed</u>
Timber Harvest Inspections	20	30

Performance targets for FY 2014-2015 – Progress to date

	<u>Target</u>	<u>Completed</u>
Timber Harvest Inspections	20	26

Lahontan Water Board Program Fact Sheet FY 2014-15

Underground Storage Tank (UST)

Overview

The UST program protects public health and safety and the environment from releases of petroleum and other hazardous substances from UST systems. The program is administered by the State Water Board and consists of four program elements: leak prevention, cleanup, enforcement, and tank tester licensing. The Region receives approximately 3.0 PYs for FY 14/15 to oversee the cleanup element of the UST program. Approximately 85% of the funding is provided through the Underground Storage Tank Cleanup Fund and the remaining 15% is provided by the federal government.

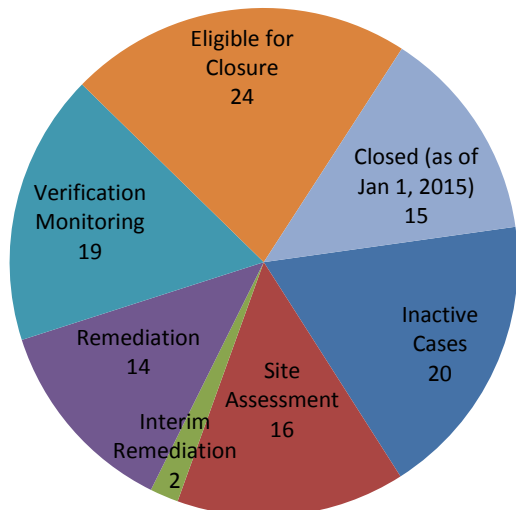
On July 1, 2014, there were 110 open UST cleanup cases in the region. Due to the maturity of the program, most high threat cases have been addressed and the remaining caseload is made up primarily of legacy cases and is shrinking. Only one case has a domestic well currently impacted above primary drinking water standards; however, six cases are still considered to be potential threats to water supply wells. Free product also remains at approximately 10 sites.

Goals

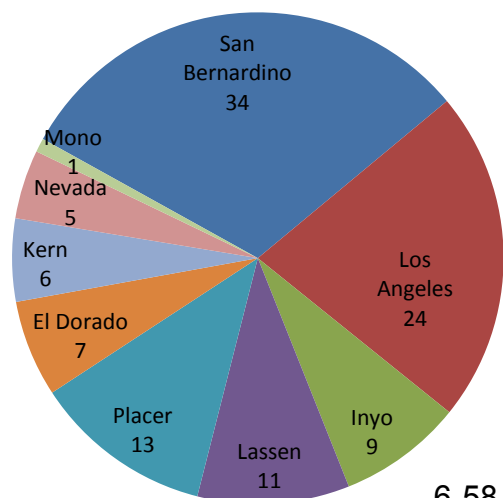
The highest priority for the UST Program is to implement the “Plan for Implementation of Low Threat Underground Storage Tank Case Closure Policy and Additional Program Improvements”. The focus of the work is to identify and close UST cases meeting Policy criteria, aggressively work on the remaining high-threat cases, and identify impediments to closure at the remaining cases.

On September 25, 2014, the Governor signed Senate Bill 445 (SB 445) into law. SB 445 extended the UST Cleanup Fund sunset date to January 1, 2026 and made significant changes to the UST Cleanup Fund. Staff will evaluate the changes in the bill and recommend actions to best utilize potential funding opportunities for the program within the Region.

Case Status



Cases by County



ENCLOSURE 7

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2015 Statewide Water Quality Policies/Significant Issues

Lahontan Regional Water Quality Control Board Involvement

Title	Summary	Participants	Lahontan Role
Grazing Management Regulatory Action Project	<p>2015-2-04 The Water Boards formed a work team to develop this project (titled Statewide Grazing Regulatory Action Project or GRAP). The work team conducted several stakeholder outreach sessions throughout the state, including USFS, BLM, NRCS, CalFire, California Cattleman's Association and Farm Bureau. Focused Stakeholder Listening sessions were completed in November and December. Focus groups included Environmental/Environmental Justice; Ranching and Related Industries; Government and Public Agencies; Academia and Other; and Tribes. Five additional public meetings were held January 2015. The GRAP website has been recently updated and includes a Fact Sheet. The next updates to the website will include notes from the listening sessions</p> <p>Website: http://www.waterboards.ca.gov/water_issues/programs/nps/grap.shtml</p>	State Board, R1, R2, R3, R4, R5, R7, R8	<p>Project Sponsor Patty Z Kouyoumdjian Cindy Wise Kim Niemeyer</p>
Bacterial Objectives for Inland Surface Waters	<p>2015-02-03 The State Water Board is developing proposed statewide bacteria water quality objectives and a proposed control program to protect human health in waters designated for water contact recreation (REC-1) from the effects of pathogens. The bacteria objectives are proposed to be adopted as amendments to the Statewide Inland Surface Waters, Enclosed Bays and Estuaries Plan (currently under development) and the California Ocean Plan. State Water Board staff compiled comments from focused stakeholder meetings held in April through July 2014. A Northern California Scoping Meeting was held on January 28, 2015. A Southern California Scoping meeting is scheduled for February 10, 2015 in Costa Mesa. The February 10th Scoping Meeting is available via webinar to those who preregister with SCCWRP (See the Scoping Notice for information on how to preregister). See http://www.swrcb.ca.gov/bacterialobjectives/docs/notice_bacteria_objectives.pdf for more information about the Scoping Meetings. Staff plans to release draft documents for public review and comment in summer 2015. State Board Web site: http://www.waterboards.ca.gov/bacterialobjectives/</p>	State Board, Basin Planning Roundtable, R-4 & R-6	<p>Participant Carly Nilson</p>

2015 Statewide Water Quality Policies/Significant Issues Lahontan Regional Water Quality Control Board Involvement

Title	Summary	Participants	Lahontan Role
Mercury TMDL (Reservoirs)	<p>2015-02-04 Staff from Regions 2 and 5 are developing a TMDL and implementation plan to address fish mercury impairments in 74 reservoirs around the state. CEQA scoping meetings were held in March 2012. Currently staff is working on the scientific and technical analysis (source analysis, linkage, targets, allocations, and implementation plan considerations). Staff is developing a framework document to outline the elements that could be in a statewide plan to reduce fish mercury levels in the reservoirs. Focused stakeholder group meetings were held in 2014. In addition, staff has met with a reservoir operators focus group four times to discuss and develop ideas and criteria for water chemistry and fisheries management studies and pilot tests. Staff is preparing a staff report.</p>	State Board, R-2, R-5 & R-6	Sponsor/Participant Patty Z Kouyoumdjian Carly Nilson
Methylmercury Objectives	<p>2014-12-03 Staff is preparing draft regulatory language and a draft staff report and coordinating with the staff developing the statewide mercury TMDL for reservoirs. Focus group meetings began in June 2014 and continued through October 2014. The purpose of the meetings was to collect feedback from tribes and other stakeholder groups on the project framework. In October 2014, staff met with regional board representatives and conducted additional outreach to tribes. The draft staff report and the draft regulatory language are expected to be sent for peer review in September 2015.</p>	State Board, R-2, R-5 & R-6	Participant: Carly Nilson
Composting Facilities Statewide General Order	<p>2015-01-15 Staff has completed the Draft Environmental Impact Report (EIR) to evaluate the environmental impacts of adoption and implementation of the Draft Statewide General Waste Discharge Requirements for Composting Operations (General Order) in accordance with the California Environmental Quality Act. This has been a collaborative effort with the Regional Water Board staff, CalRecycle and the Air Resources Board. Staff released the draft EIR and proposed General Order for public comment on January 13, 2015 with a public workshop on February 13, 2015. The comment period will end at 12 Noon on March 2, 2015.</p>	State Board, R-3, R-5 & R-6	Participant Brianna Bergen
Biological Integrity Plan Development	<p>2015-02-04 In May 2014, staff met with the stakeholder subcommittee and regulatory advisory group to review draft plan language and the workplan for completing the plan and staff report. Staff is considering the feedback and revising the draft document. A stakeholder meeting was scheduled for January 15, 2015 in Costa Mesa, CA.</p>	State Board, Basin Planning Roundtable, R-4 & R-6	Participant Alan Miller

2015 Statewide Water Quality Policies/Significant Issues

Lahontan Regional Water Quality Control Board Involvement

Title	Summary	Participants	Lahontan Role
Wetland Area Protection and Dredge and Fill Permitting Policy - Phase I	<p>2015-01-08 Selected stakeholder meetings were held in April 2013 to receive comments on specific issues related to the Preliminary Draft Wetland Policy posted online January 28, 2013. Separate meetings were held with representatives of the business, utilities, environmental advocacy and Central Valley Joint Ventures stakeholder groups. State Water Board staff will consider these comments in preparing the draft Wetland Policy, which is scheduled for public release in March 2015.</p>	State Board, R-1, R-2, R-4, R-5 & R-6	Participant Tobi Tyler
Wetlands and Riparian Areas Policy - Phase II	<p>2014-12-31 Pending completion of Phase I.</p>	State Board, R-1, R-2, R-3, R-6 & R-9	Participant Tobi Tyler
Integrated Report Adoption (2012)	<p>2015-01-15 State Water Board Staff completed lines of evidence for Regional Board review for North Coast Regional Water Quality Control Board, Lahontan Regional Water Quality Control Board, and Colorado River Basin Regional Water Quality Control Board. All three Regions have approved their respective Regional Integrated Reports. State Water Board staff has received all of the administrative records and has evaluated the recommendations pursuant to the Listing Policy. The 303(d) List portion of the California Integrated Report was released for public comment on December 31, 2014 with a deadline of February 5, 2015. This 303(d) List portion of the California Integrated Report will be presented to the State Water Board for consideration on March 3, 2015 before being sent to U.S. EPA. U.S. EPA makes the final approval decision on the 303(d) List portion of the California Integrated Report.</p>	State Board, R-2, R-3, R-4, R-5 & R-6	Participants Richard Booth Mary-Fiore-Wagner Carly Nilson
Natural Pollution Sources Issue Paper	<p>2015-02-04 A draft natural source issue paper has been submitted to the Basin Planning Roundtable for review and comment. Issues include recommendations for making designations where natural background exceeds the water quality objectives.</p>	State Board, Basin Planning Roundtable, all RBs	Participant Mary Fiore-Wagner

2015 Statewide Water Quality Policies/Significant Issues Lahontan Regional Water Quality Control Board Involvement

Title	Summary	Participants	Lahontan Role
Antidegradation Policy	<p>2015-02-03 The State Water Board is considering preparation of an Implementation Plan Appendix to the existing Antidegradation Policy or an additional policy, to address application of the Antidegradation Policy to groundwater. Focused stakeholder meetings were held in October and November 2013. The work team, composed of members from the State Water Board and Regional Water Boards, convened on April 21, June 27, August 15, and November 14, 2014, to consider focused stakeholder group comments and work on the framework for the Implementation Plan or policy. The project web page went live in September 2014, and contains summaries of purpose, background, and process; an estimated time line; and links to associated documents. Staff prepared a draft scoping document in November 2014 for internal review and discussion by the work team. After internal review and revision, this scoping document will be made available to the focused stakeholder groups for review in April 2015. State Water Board executive management and Board briefings are projected for March/April 2015, and additional focused stakeholder group meetings are planned to take place in May 2015. The web page will be updated during the first quarter 2015 with the new estimated schedule.</p> <p>Web page link: http://www.waterboards.ca.gov/plans_policies/antidegradationon.shtml</p>	State Board and Regional Board staff and Lori Okun/OCC	Participant Mike Plaziak
Nutrient Numeric Endpoints Tools	<p>2015-02-04 Staff is working with technical advisory groups to produce an implementation strategy document. U.S. EPA has contracted to have nutrient numeric endpoint protocol updated with results of case studies and lessons learned. In 2014, staff organized a stakeholder advisory group, a science advisory group, and has expanded a regulatory advisory group for the nutrients in wadeable streams project. A Science Advisory Group is being formed and will have an initial meeting in Spring 2015. Staff plans to continue outreach efforts by having Focus Group meetings at the beginning of 2015.</p>	State Board and Regional Board Basin Planning staff	Participant Mary Fiore-Wagner
Nonpoint Source (NPS) Implementation and Enforcement Policy Amendments	<p>2014-11-19 The NPS Implementation and Enforcement Policy (NPS Policy) is being updated to preclude the use of prohibitions of waste discharge for addressing NPS discharges for those land uses (e.g.; irrigated lands) already covered under other regulatory mechanisms (e.g.; waivers of waste discharge requirements) for which discharger enrollment fees are being assessed. Staff anticipates releasing a draft of the NPS Policy amendments in Winter 2015.</p>	State and Regional Board staff; Non-point Source Roundtable	Participant Cindy Wise and Douglas Cushman

2015 Statewide Water Quality Policies/Significant Issues

Lahontan Regional Water Quality Control Board Involvement

Title	Summary	Participants	Lahontan Role
Storm Water Strategic Initiative	<p>2014-12-04 The Water Boards have been engaging with stakeholders statewide through a collaborative process to identify and discuss storm water program issues and potential approaches to address them. The product of this collaboration will be a prioritized list of potential Water Board actions that identifies ways to expand the breadth of the storm water program to better integrate watershed management, multiple-benefit solutions, source control, and improvement in regulatory program efficiency and effectiveness. It will focus on three main elements: (1) utilization of storm water as a resource (2) removal of storm water pollutants by true source control and (3) improvement of overall Water Board program efficiency and effectiveness.</p>	State and Regional Board staff, Stormwater Roundtable	Participant Alan Miller

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ENCLOSURE 8

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	Target	Completed
111 TMDL		
# of pollutant/waterbody combinations addressed	0	
# of TMDLs Adopted	0	
Basin Planning		
# of UAA Adopted	0	
# of Water Quality Objectives Adopted	1	1
121 SURFACE WATER MONITORING SWAMP		
% of data available within 2 years of sample collection	95%	
% of data available within 1 year of sample collection	50%	
2 Regulate		
211 WASTEWATER		
# of NPDES Wastewater Major Facilities All Electronic (eSMR)	2	1
# of NPDES Wastewater Major Facilities Inspected	1	2
# of NPDES Wastewater Major Inspections (total # of inspections)	1	2
# of NPDES Wastewater Majors Renewed	1	1
# of NPDES Wastewater Minor General Facilities Inspected	0	0
# of NPDES Wastewater Minor General Inspections (total # of inspections)	0	0
# of NPDES Wastewater Minor Individual Renewed	1	0
# of NPDES Wastewater Minor Individual Facilities Inspected	6	6
# of NPDES Wastewater Minor Individual Inspections (total # of inspections)	6	6
212 STORMWATER		
# of NPDES Stormwater Municipal (Phase I/II) audited/Program Element Reviews	0	0
# of NPDES Stormwater Municipal (Phase I/II) Facilities inspected	7	4
# of NPDES Stormwater Municipal (Phase I/II) Inspections (total # of inspections)	7	4
# of NPDES Stormwater-Construction Facilities Inspected	80	56
# of NPDES Stormwater-Construction Inspections (total # of inspections)	80	88
# of NPDES Stormwater-Industrial Facilities Inspected	20	32
# of NPDES Stormwater-Industrial Inspections (total # of inspections)	20	32
221 WASTEWATER		
# of WDR Facilities "All Other" Inspected	17	17
# of WDR "All Other" Inspections (total # of inspections)	17	24
# of WDR Facilities "Industrial" Inspected	0	0
# of WDR "Industrial" Inspections (total # of inspections)	0	0
# of WDR Facilities "Municipal" Inspected	36	36
# of WDR "Municipal" Inspections (total # of inspections)	36	46
# of WDR Individual Permits Past Review Date Updated	4	4
CONFINED ANIMAL FACILITIES (WDR, NPDES, etc)		
# of Confined Animal Facility Inspections	7	8
222 LAND DISPOSAL		
# of Land Disposal Permits All Other Updated	2	0
# of Land Disposal Permits Landfills Updated	1	0
# of Land Disposal All Other Facilities Inspected	16	19
# of Land Disposal All Other Inspections (total # of inspections)	16	22
# of Land Disposal Landfills Inspected	21	29
# of Land Disposal Landfills Inspections (total # of inspections)	21	29
223 TIMBER HARVEST		
# of Timber Harvest Inspections	20	30

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ENCLOSURE 9

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	Target	Completed to Date
111 TMDL		
# of pollutant/waterbody combinations addressed	2	
# of TMDLs Adopted	0	
Basin Planning		
# of UAA Adopted	0	
# of Water Quality Objectives Adopted	2	1
121 SURFACE WATER MONITORING SWAMP		
% of data available within 2 years of sample collection	95%	
% of data available within 1 year of sample collection	50%	
2 Regulate		
211 WASTEWATER		
# of NPDES Wastewater Major Facilities All Electronic (eSMR)	2	1
# of NPDES Wastewater Major Facilities Inspected	1	1
# of NPDES Wastewater Major Inspections (total # of inspections)	1	1
# of NPDES Wastewater Majors Renewed	0	
# of NPDES Wastewater Minor General Facilities Inspected	0	
# of NPDES Wastewater Minor General Inspections (total # of inspections)	0	
# of NPDES Wastewater Minor General Permit – High Complexity	1	
# of NPDES Wastewater Minor Individual Renewed	3	1
# of NPDES Wastewater Minor Individual Facilities Inspected	1	3
# of NPDES Wastewater Minor Individual Inspections (total # of inspections)	1	3
212 STORMWATER		
# of NPDES Stormwater Municipal (Phase I/II) audited/Program Element Reviews	1	
# of NPDES Stormwater Municipal (Phase I/II) Facilities inspected	6	1
# of NPDES Stormwater Municipal (Phase I/II) Inspections (total # of inspections)	6	1
# of NPDES Stormwater-Construction Facilities Inspected	71	33
# of NPDES Stormwater-Construction Inspections (total # of inspections)	71	46
# of NPDES Stormwater-Industrial Facilities Inspected	18	16
# of NPDES Stormwater-Industrial Inspections (total # of inspections)	18	17
221 WASTEWATER		
# of WDR Facilities "All Other" Inspected	16	5
# of WDR "All Other" Inspections (total # of inspections)	16	6
# of WDR Facilities "Industrial" Inspected	4	1
# of WDR "Industrial" Inspections (total # of inspections)	4	1
# of WDR Facilities "Municipal" Inspected	42	13
# of WDR "Municipal" Inspections (total # of inspections)	42	13
# of WDR Individual Permits Past Review Date Updated	7	1
CONFINED ANIMAL FACILITIES (WDR, NPDES, etc)		
# of Confined Animal Facility Inspections	6	2
222 LAND DISPOSAL		
# of Land Disposal Permits All Other Updated	1	2
# of Land Disposal Permits Landfills Updated	1	
# of Land Disposal All Other Facilities Inspected	12	14
# of Land Disposal All Other Inspections (total # of inspections)	12	14
# of Land Disposal Landfills Inspected	4	13
# of Land Disposal Landfills Inspections (total # of inspections)	4	13
223 TIMBER HARVEST		
# of Timber Harvest Inspections	20	26

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