

STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

MEETING DATE: February 8, 2017

ITEM: **4**

SUBJECT: **EXECUTIVE OFFICER'S REPORT**

EXECUTIVE OFFICER'S REPORT: *February 2017*

A Monthly Report to the Board and Public

NEXT MEETING: February 8, 2017

WEBSITE: <http://www.waterboards.ca.gov/sanfranciscobay/>

Items in this Report (Author[s])

Financial Assistance for Underfunded Cleanup Cases (Cheryl Prowell)	1
Caltrans Trash Reduction Activities Update (Dale Bowyer)	2
Wet Start to Wet Season Results in Spills (Bill Johnson)	3
U.S. EPA-Sponsored Wetland Workshop on Monitoring (Naomi Feger)	4
In-house Training	4
Staff Presentations	5
401 Water Quality Certification Applications Received (Keith Lichten)	7
Enforcement Actions (Mary Boyd and Brian Thompson)	8
State Board Policies and Permits under Development	10

Financial Assistance for Underfunded Cleanup Cases (Cheryl Prowell)

On January 3, the State Water Board posted the [initial list of projects](#) approved to receive financial assistance from the Site Cleanup Subaccount Program. The State Water Board approved 27 projects statewide – for either *grants* awarded to individual applicants or *contractor services* for projects directed by Regional Water Boards. Projects covered the range of phases of site cleanup including initial source identification, pollution assessment, site remediation, and well destruction. Most of the approved projects addressed chlorinated solvent contamination of groundwater and soil vapor. Other contaminants of concern included petroleum hydrocarbons, dioxins, and perchlorate. There was at least one approved project at each of the nine Regional Water Boards.

The State Water Board approved one grant in our Region for site assessment work at the [P&K Cleaners project](#) in Pleasant Hill, Contra Costa County. Chlorinated solvents from the former dry-cleaning operations at the site are present in groundwater and soil vapor extending 500 feet away from the location of the drycleaner into a residential community. The site is subject to a site cleanup order issued by this Board, and we expect that cleanup progress will accelerate as a result of this grant.

The State Water Board approved contractor services for six projects located in four other regions. These approvals will allow those Regional Water Boards to direct State Water Board contractors to conduct investigation or remediation on their behalf, without relying on a responsible party. Our Region has not yet applied for contractor services. We are currently

identifying candidate sites and evaluating potential scopes of work. We anticipate submitting at least one such application this fiscal year.

Now that the first round of awards has been approved, the Site Cleanup Subaccount Program is processing applications as they are received. The speed of processing the applications is limited by the responsiveness of the applicants. There is still funding available for this fiscal year. We understand that there are a number of additional grant applications for projects in our Region that may receive funding later this fiscal year or next fiscal year. Overall funding for grants and contractor services from the Site Cleanup Subaccount Program is approximately \$20 million per fiscal year.

Caltrans Trash Reduction Activities Update (Dale Bowyer)

The statewide Caltrans NPDES Stormwater Permit (Permit) requires Caltrans to demonstrate compliance with San Francisco Bay Basin Plan Prohibition 7, which prohibits the discharge of trash to surface waters. At present, the Permit requires Caltrans to achieve trash reductions through the timely implementation of control measures in high trash generating areas such as freeway on- and off-ramps, rest areas, park-and-ride lots, and highways that are in commercial and industrial land use areas. Examples of high trash generating areas are shown in Figure 1. When the Permit is reissued by the State Board in 2018, we expect it will include more specific requirements from the Statewide Water Control Plans for Trash (Trash Plans) adopted by the State Water Board in 2015. The Trash Plans call for implementation of full trash capture systems or their trash reduction equivalent within ten years of permit reissuance to comply with a Trash Plans prohibition, equivalent to our Basin Plan prohibition, and a narrative water quality objective that trash shall not adversely affect beneficial uses or cause nuisance in waters of the State.



Figure 1. *Examples of high trash generating areas identified by Caltrans.*

In response to the Permit's current requirements, Caltrans submitted a trash load reduction workplan in August 2014. The workplan included proposed methods to assess the trash status of Caltrans' rights-of-way, prioritize areas to control trash, and identify projects for implementation. It identified challenges, including funding constraints and long project lead times for Caltrans to construct projects, and opportunities, including coordination with adjacent municipalities on "cooperative implementation projects." Since that time we have had ongoing

discussions with Caltrans regarding the need for trash reduction and to demonstrate meaningful reductions during the current Permit term—including via cooperative implementation projects—and the acceptability of its proposed trash reduction implementation schedules and actions.

In December 2016, Assistant Executive Officer Tom Mumley issued a Notice of Violation (NOV) to Caltrans for failure to implement trash control measures in a timely manner. Caltrans has not yet executed any cooperative implementation agreements with local municipalities to install trash control devices, nor implemented any permanent on-the-ground trash reduction actions within Caltrans, rights-of-way, such as installation of trash capture devices in its storm drain system. The NOV, which follows more than two years of meetings and revised workplan submittals, requires Caltrans to submit a more detailed plan and schedule by January 31, 2017, describing the specific trash control implementation actions that will be taken in 2017 and 2018.

We met with Caltrans staff on January 20 to discuss the NOV and to further communicate our expectations. During the meeting, Caltrans staff described a number of trash reduction implementation actions that they expect to occur by July 2017. These actions included completing a feasibility study of the Caltrans storm drain system to help guide trash reduction implementation, completing a white paper on full trash capture best management practices (BMPs) that they expect will lead to a Caltrans directive to include these BMPs in all appropriate projects in our Region, and executing approximately \$5.8 million in cooperative agreements with the cities of Richmond, South San Francisco, Atherton, and Oakland, to control trash and other pollutants from more than 2,000 acres of contributing area, including Caltrans' rights-of-way. Based on this productive meeting and Caltrans' improved understanding of our expectations, we extended the deadline to submit a more detailed plan and schedule to February 28, 2017.

We will continue to work closely with Caltrans, including during the forthcoming Permit reissuance process, to ensure its level of commitment is consistent with the identified need to control trash from Caltrans' rights-of-way, and that Caltrans continues to work with adjacent municipalities implementing trash load reduction actions required by the Municipal Regional Stormwater NPDES Permit.

Wet Start to Wet Season Results in Spills (Bill Johnson)

The Region received much-needed rain in January, but the heavy rain came with a number of wastewater challenges. From January 1 through January 23, the Region received roughly 17 inches of rain, and about 120 sanitary sewer overflows were reported. Of these, 85 flowed to surface waters, and 15 were greater than 50,000 gallons. The East Bay Municipal Utility District discharged about 5 million gallons from three different locations. The Vallejo Sanitation and Flood Control District discharged about 2 million gallons from a storage pond within its collection system. The next largest spill, about 260,000 gallons, came from the City of San Mateo collection system. Not surprisingly, many of the larger overflows came from collection systems that have had significant spills in the past. Until these dischargers fully implement the long-term corrective actions the Board has already required through its various enforcement orders, such spills are not unexpected. In the coming years, however, they should decline significantly.

Some of the Region's wastewater treatment plants also experienced wet weather problems.

The West County Wastewater District, for example, spilled about 9 million gallons of undisinfected primary-treated wastewater to Wildcat Marsh because influent flows exceeded the storage capacity of its equalization basins. The Valero Refinery's wastewater treatment plant flooded due to high flows in Sulphur Springs Creek, which abuts the plant. The plant's proximity to San Francisco Bay and a coinciding king tide exacerbated the problem. Valero re-routed incoming stormwater back to the creek and was able to treat all its wastewater.

We are investigating these incidents—and others—to determine what types of responses might be appropriate. Every day (including evenings and weekends), we continue to monitor spills and complaints reported to the California Office of Emergency Services and through our own spill and complaint hotline. Staff forwards reports to case managers for appropriate followup and notifies executive management of significant incidents. When necessary, staff heads out to the field to inspect on-the-ground conditions and assist dischargers in returning to compliance.

U.S. EPA-Sponsored Wetland Workshop on Monitoring (Naomi Feger)

On January 5, U.S. EPA sponsored a workshop to discuss the shared permitting and monitoring needs for wetlands around the San Francisco Bay Estuary. Environmental Program Manager Naomi Feger participated with U.S. EPA, the San Francisco Estuary Institute, and the San Francisco Bay National Estuarine Research Reserve in planning the workshop, which involved multiple entities working on baylands restoration in the Region. New funding for restoration and multi-benefit projects to address restoration and sea level rise necessitates our collective evaluation of our approach to coordinated permitting and monitoring. The anticipated outcomes of the workshop moving forward are identification of the key elements of (1) successful models of regulatory collaboration potentially adaptable to the Bay's wetland restoration projects, and (2) the monitoring elements necessary to facilitate such collaboration. A wetland regional monitoring program is needed to assess projects relative to changing baseline conditions, assure that projects inform each other, and account for the growing public investments in the health of tidal marsh ecosystems. This was the first effort to bring a broad spectrum of interested parties, including the San Francisco Bay Joint Venture, the San Francisco Estuary Partnership, federal and State resource agencies, and the State Coastal Conservancy, together to discuss these issues. Everyone in attendance committed to supporting this project as it progresses. We plan on identifying creative solutions to some of the issues raised at the workshop in the coming months. We will keep the Board updated as we make progress.

In-house Training

We had no December in-house training. Our January and February in-house trainings are focused on leadership. These trainings are for all staff and are intended to build skills that will allow staff to take leadership roles in their cases and projects, especially those that involve multiple agencies or stakeholders.

Two in-house seminars took place in December. The first, on December 7, focused on Managed Aquifer Recharge (MAR) in the Pajaro Valley. MAR is the process of using stormwater runoff to intentionally recharge groundwater resources. Projects in the Pajaro Valley are utilizing MAR as a component of an integrated solution to groundwater overdrafting. The second, on December 13, was a brownbag presentation, which focused on new developments in the area of vapor intrusion assessment. Vapor intrusion is the migration of volatile chemicals from soil or

groundwater into occupied buildings. Our January 25 brownbag was a presentation titled, "Bringing Back the Natives Garden Tour" by Kathy Kramer, founder and former Executive Director of the Aquatic Outreach Institute (renamed The Watershed Project).

On October 31 and November 1, the State Water Board's Office of Enforcement conducted training for State and Regional Water Board enforcement staff. The training was attended by nine staff members from our Region. Training topics included an Enforcement Policy overview, Enforcement Policy updates, ability to pay and economic benefit calculations, volume calculations, and case studies.

Staff Presentations

On December 8, I made a presentation to the Water Committee of the California Chamber of Commerce at its meeting in San Francisco on the development and implementation of TMDLs in our region and how that aligned with similar TMDL development and implementation around the State. I emphasized that our implementation of TMDLs has increasingly focused on getting multiple parties with similar types of discharges working together on a watershed basis to address listed constituents rather than assigning constituent wasteloads on a discharger-by-discharger basis, and that we were working regularly with local stakeholders on how to most effectively implement TMDLs. The Committee had numerous questions and noted its appreciation for our approach.

On January 18, Environmental Program Manager Stephen Hill, Research Scientist Nicole Fry, Senior Engineer Cheryl Prowell, and Senior Engineering Geologist Laurent Meillier presented a regulatory update to the Bay Area branch of the Groundwater Resources Association (GRA). GRA is a non-profit organization that promotes the protection and improvement of groundwater supply and quality. Stephen discussed our recent efforts to explicitly prioritize our cleanup sites, effects of climate change (and specifically sea level rise) on our cleanup sites, and implementation of the State's 2014 Sustainable Groundwater Management Act. Nicole discussed recent developments on the vapor intrusion issue, including both assessment and mitigation. Cheryl spoke about the SB445 Site Cleanup Subaccount Program and how we are using these new resources to focus on high-threat, underfunded cleanup sites. Laurent gave an update on the underground storage tank (UST) program, including implementation of the low-threat closure policy, UST Cleanup Fund news, and our Region's recent guidance memo on petroleum metabolites (chemicals created when petroleum naturally degrades in the subsurface). The audience of about 100 included environmental cleanup consultants, environmental attorneys, vendors, and dischargers. Our staff has been making this annual presentation for over 20 years. This meeting continues to be the best attended meeting for this GRA branch and provides a useful forum for staff to interact with the regulated community.

On January 6, Naomi Feger made a presentation to the North Bay Watershed Association on freshwater harmful algal blooms (HABs). The talk covered an introduction to HABs, the Water Boards' collaborative programs to provide information and guidance on HABs, and HABs in our Region. She emphasized the increasing trends we are seeing in blooms locally during the drought, and statewide efforts to develop an early-warning system for blooms based on satellite data and local reporting. Shown in Figure 2 are the lakes in our Region with Medium Resolution Imaging Spectrometer (MERIS) satellite coverage used to track HABs.



Figure 2. Region 2 lakes with MERIS satellite coverage used to monitor HABs.

401 Water Quality Certification Applications Received (Keith Lichten)

The table below lists those applications received for Clean Water Act section 401 water quality certification from November 26, 2016, through January 20, 2017. A check mark in the right-hand column indicates a project with work that may be in BCDC jurisdiction.

Project Name	City/Location	County	May have BCDC Jurisdiction
Alameda Point Site A, phase 1	Alameda	Alameda	✓
Zone 6, culvert lining and tidegate repair	Fremont	Alameda	✓
Zone 6, Line K embankment and outfall repair	Fremont	Alameda	
Gateway Station West (Tract 8089)	Newark	Alameda	✓
Lund Ranch II	Pleasanton	Alameda	
San Francisco Bay living shorelines project at Giant Marsh	Richmond	Contra Costa	✓
Phillips 66 Line 200 - anomaly investigation and repair	Rodeo	Contra Costa	
Stafford Lake headcut repair	Novato	Marin	
Temporary shoring for pile inspection	Novato	Marin	✓
Barber Avenue Bridge	San Anselmo	Marin	
Irving Fire Road drainage improvement	San Anselmo	Marin	
Kimberly Park Bay Trail – SF Bay Trail gap closure	American Canyon	Napa	✓
Teaderman Business Park, LLC	Napa	Napa	
900 Innes Ave. soil borings	San Francisco	San Francisco	✓
Crissy Field promenade – slope protection repair	San Francisco	San Francisco	✓
Third Street Bridge rehabilitation	San Francisco	San Francisco	✓
Pigeon Point storm damage repair	Pescadero	San Mateo	
Hendrys Creek restoration	Los Gatos	Santa Clara	
Single family home	Los Gatos	Santa Clara	
West Valley College – Wildcat Creek riparian enhancement	Saratoga	Santa Clara	
Kirby Hill, Montezuma Slough Club 613	Suisun Marsh	Solano	✓
Pacific Coast Supply	Fairfield	Solano	
Five Springs Farm gully restoration	Petaluma	Sonoma	
Ledson Dam spillway improvement	Petaluma	Sonoma	
Outfall bypass – Ellis Creek Water Recycling Facility	Petaluma	Sonoma	✓

Enforcement Actions (Mary Boyd and Brian Thompson)

The following four tables show recent enforcement actions. In addition, existing complaints and proposed settlements are available on our website at

http://www.waterboards.ca.gov/sanfranciscobay/public_notices/pending_enforcement.shtml.

Settled Penalty Action			
On behalf of the Board, the Executive Officer approved the following:			
Discharger	Violation(s)	Penalty Imposed	Supplemental Environmental Project
Lehigh Southwest Cement Company	Effluent limit violations	\$465,5000	\$240,250
John Sweeney and Point Buckler Club, LLC	Unauthorized discharge of fill into waters of the State and United States and failure to obtain a Clean Water Act section 401 water quality certification, Point Buckler Island, Suisun Marsh, Solano County.	\$2,828,000	None

Adopted Cleanup and Abatement Order			
On behalf of the Board, the Executive Officer approved the following:			
Discharger	Violation(s)	Date Issued	Order Number
Reza Vailjee	Unauthorized placement of a culvert and fill into Appian Creek, El Sobrante, Contra Costa County	January 5, 2017	R2-2016-1038

Noticed Settlement			
The following is noticed for public comment. If no significant comment is received by the deadline, the Executive Officer will sign an order implementing the settlement.			
Discharger	Violation(s)	Penalty Imposed	Supplemental Environmental Project
The Wine Group, LLC – Concannon Winery	Effluent limit violations	\$635,000	None

Tentative Cleanup and Abatement Order		
The following is noticed for public comment. If no significant comment is received by the deadline, the Executive Officer will sign an order implementing the cleanup and abatement.		
Discharger	Violation(s)	Comment Deadline
Tentative CAO for Jean A. Porlier, Joan L. Boblitt, and Timothy Starkweather	Unauthorized fill of wetlands, Las Colinas Road, Livermore, Alameda County	January 23, 2017

Proposed Settlements—Mandatory Minimum Penalty (stormwater)		
The following facilities have been issued a conditional offer for early settlement for operating an industrial facility without a stormwater discharge permit. If no significant comment is received by the deadline, the Executive Officer will sign an order implementing the settlement.		
Discharger	County	Comment Deadline
Madison Vineyard Holdings, DBA Jamieson Ranch Vineyards	Napa	January 23, 2017
Pentair Thermal Management	San Mateo	January 23, 2017
Discovery Foods (Ajinomoto Windsor)	Alameda	January 23, 2017
GE Supply	Alameda	January 23, 2017
California Waste Solutions (three facilities)	Alameda	January 23, 2017
California Waste Solutions (two facilities)	Santa Clara	January 23, 2017
Pioneer Liquid Transport, Inc.	Santa Clara	January 23, 2017
PWP Manufacturing, LLC	Santa Clara	January 23, 2017
Advanced Surface Finishing Inc.	Santa Clara	February 22, 2017
Precision Technical Coating	Alameda	February 22, 2017
Rutherford Grove Winery	Napa	February 22, 2017
Santay Granite	Santa Clara	February 22, 2017

State Board Policies and Permits under Development

The following is a list of statewide policies and permits under development. This table is a version of what is routinely distributed as part of the State Water Board Executive Director's abbreviated report. The text in the table is largely unedited except for the deletion of extraneous information.

Policy / General Permit	Status
Bacteria Standards for Ocean and Inland Surface Waters	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 bacteria. The bacteria water quality objectives are proposed to be adopted as amendments to the Statewide Inland Surface Waters, Enclosed Bays and Estuaries Plan, and the California Ocean Plan. Staff plans to release draft documents for public review and comment in April 2017. A scoping meeting on the inclusion of a water quality variance policy is scheduled for January 23, 2017. State Board Web site: http://www.waterboards.ca.gov/bacterialobjectives/
Biostimulatory & Biological Integrity Project	This project is being combined with the Biological Integrity Project. Staff is working with technical advisory groups to produce an implementation strategy document. Staff has completed Focus Group outreach efforts from February 2016 to June 2016. An outreach document is available for public review at the State Water Board's website on the nutrient objectives webpage. Southern California Coastal Water Research Project staff are researching and developing the biological condition gradient model that will be used in the assessment of the effects of nutrients on stream biological conditions. Scientific Peer Review (Public Release) is anticipated for Winter 2017. A Stakeholder Advisory Group meeting was held on 12/22/2016 to update everyone on the revised work and science plans. Staff are working on updating the project webpage. A CEQA scoping meeting is anticipated for late 2017.
Blue Green Algae Action Levels	State Water Board staff is working with a multi-entity workgroup to collaboratively work toward solutions in protecting the public, pets, livestock, and wildlife from the effects of harmful algal blooms (HABs). The group has also completed updates to portions of the Draft Voluntary Guidance Document for California HABs related to cyanotoxin action levels, monitoring, and posting public notices of warning or closure. A web portal has been developed and is available to the public to assist in tracking blooms and alerting the public to the possible risks. Additional resources are being developed, including more complete information on sampling and monitoring blooms, information sheets for veterinarians, physicians, and the public on symptoms and health effects, and possible mitigation measures. The CCHAB Network meets quarterly in January, April, July, and October. U.S. EPA recently released draft criteria for two cyanotoxins, microcystin and cylindrospermopsin. Comments are due to U.S. EPA by February 17, 2017.

<p>Caltrans Separate Storm Sewer System (MS4) Permit Storm Water Management Plan</p>	<p>Caltrans Statewide Municipal Storm Water Permit, Attachment IV (Caltrans Permit), identifies Caltrans as a responsible party for 84 TMDLs throughout California, and requires Caltrans to develop and implement a Comprehensive TMDL Monitoring Plan (CMP). State Water Board, in coordination with the Regional Water Boards and Caltrans staff, developed monitoring proposals for each of the 84 TMDLs, Attachment A of the CMP, that includes a combination of individual BMP effectiveness monitoring, characterization monitoring, site representative monitoring, or cooperative agreement monitoring through Coordinated Integrated Monitoring Programs approved by the Regional Water Boards. The CMP was submitted to State Water Board Executive Director for approval and will be available to the public on the State Water Board Municipal Storm Water website in February 2017. (http://www.waterboards.ca.gov/water_issues/programs/stormwater/caltrans.shtml)</p>
<p>Cadmium Objective and Hardness Implementation Policy</p>	<p>U.S. EPA updated its 304(a) recommended criteria for acute and chronic freshwater and saltwater aquatic life beneficial uses. However, the freshwater criteria are less stringent than required by the Endangered Species Act. Staff is developing proposed policy options for statewide cadmium objectives given this complex set of national and regional U.S. EPA cadmium criteria.</p>
<p>Chlorine Amendment</p>	<p>The draft Total Residual Chlorine and Chlorine-Produced Oxidants Policy of California is being converted into an amendment to the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California. This action is a priority for U.S. EPA.</p>
<p>Enforcement Policy Amendments</p>	<p>The revised Enforcement Policy was released for public comment in August 2016. State Water Board consideration is scheduled for Feb. 7 2017.</p>
<p>Industrial General Storm Water Permit Amendment for TMDL Implementation</p>	<p>State Board staff is developing an Industrial General Permit amendment to incorporate proposed TMDL implementation language into the existing Statewide permit. The proposed permit amendment is being developed in collaboration with the four Regional Water Boards that have adopted TMDLs that include industrial storm water discharges as a pollutant source of water body impairment (San Francisco Bay, Los Angeles, Santa Ana, and San Diego Regional Water Boards). Staff anticipates release of the proposed TMDL implementation language for public review and comment early 2017. State Water Board consideration of the proposed permit amendment is anticipated for mid-2017.</p>
<p>2014 and 2016 Integrated Report Adoption</p>	<p>State Board Staff has combined the 2014 and 2016 California Integrated Reports and scheduled them for approval at a single State Water Board Meeting not later than September 2017. This will allow the six participating Regional Water Boards (2, 3, 4, 5, 8, and 9) sufficient time to complete development of their reports and complete their Regional Water Board approval process.</p>

<p>Mercury TMDL and Water Quality Objectives (Reservoirs)</p>	<p>Staff from Regional Water Boards 2, 5, and State Water Board are developing a TMDL and implementation plan to address fish mercury impairments in about 150 reservoirs around the state. Staff is preparing the scientific and technical analysis (source analysis, linkage, targets, allocations, and implementation plan options), and regulatory provisions for the implementation plan. Staff met reservoir owners and other stakeholders in early June 2016. Staff is developing a survey for reservoir operators to provide info on current reservoir management practices- stakeholder comments were due in early September.</p>
<p>Mercury Water Quality Objectives & Implementation</p>	<p>In coordination with the Reservoir Mercury TMDL team, staff is preparing mercury water quality objectives and a plan of implementation. The draft staff report and the draft regulatory language were released to the public on January 3, 2017. The public comment period will run from January 3, 2017 to February 17, 2017. Staff are holding a public workshop to discuss the proposed mercury provisions on January 9, 2017, and a Board hearing is scheduled for February 7, 2017.</p>
<p>Nonpoint Source (NPS) Implementation and Enforcement Policy Amendments</p>	<p>The NPS Implementation and Enforcement Policy (NPS Policy) is being updated as directed by Resolution 2012-0004 to reflect the current funding mechanisms for State Water Board and Regional Water Quality Control Board regulation of nonpoint source wastewater discharges. Staff anticipates releasing a draft of the NPS Policy amendments in March 2017.</p>
<p>Phase I update of the Bay-Delta Plan: San Joaquin River flows and southern Delta salinity</p>	<p>Draft plan amendment to be brought to the Board for consideration in early 2017.</p>
<p>Phase II Small Municipal Separate Storm Sewer System (MS4) Permit Amendment</p>	<p>State Water Board staff developed a proposed amendment for the Small MS4 Statewide General Permit, Attachment G (titled Region-specific Total Maximum Daily Loads (TMDL) Implementation Requirements) and a permit Fact Sheet. The proposed amendment includes: (1) new and revised implementation requirements based on corresponding TMDL wasteload allocations, and (2) final compliance dates for the new and revised implementation requirements. In 2015, an informal draft amendment was released to Regional Water Board staff and permittees for administrative review, and subsequent workshops were conducted throughout the state as requested. The draft amendment was changed and the Fact Sheet rewritten to provide history and basis for the TMDL Amendment. The draft amendment is currently under review by State Water Board Office of Chief Counsel.</p>

<p>Phase II update of the Bay-Delta Plan: Comprehensive Review</p>	<p>State Board staff is in the process of a phased review and update of the 2006 Water Quality Control Plan for the Bay-Delta (2006 Bay-Delta Plan). The second phase of the review focuses on the following issues: (1) Delta outflow objectives, (2) export/inflow objectives, (3) Delta Cross Channel Gate closure objectives, (4) Suisun Marsh objectives; (5) potential new reverse flow objectives for Old and Middle Rivers; (6) potential new floodplain habitat flow objectives; (7) potential changes to the monitoring and special studies program, and (8) other potential changes to the program of implementation. The Scientific Basis Report is expected to be released for public review in early 2016. Staff is also developing a Substitute Environmental Document that will provide an evaluation of the potential environmental impacts of the proposed changes to the Bay-Delta Plan. This document is expected to be released for public review in 2017.</p>
<p>Procedures for Discharges of Dredged or Fill Materials to Waters of the State</p>	<p>State Water Board staff is developing proposed Procedures for Discharges of Dredged or Fill Materials to Waters of the State. The draft procedures were released for public comments on June 17, 2016 and the Board held a hearing on July 19th. The Comment period closed on August 18. Staff is reviewing comments and working on revisions to the policy with a second public release anticipated for May 2017.</p>
<p>Recycled Water Policy Update</p>	<p>The State Water Board adopted a resolution December 6, 2016, directing staff to amend the Recycled Water Policy and re-convene the Science Advisory Panel for Constituents of Emerging Concern. While the resolution outlined a preliminary list of topics to be updated or added to the policy, the resolution directs staff to work with stakeholders to develop an amendment to the policy and release a draft for public comment by March 2018. State Board staff is also developing a project charter and timeline for the next update of the Recycled Water Policy.</p>
<p>Sediment Water Quality Objectives (SQOs) for Enclosed Bay and Estuaries – Phase II</p>	<p>Water Board staff is developing a methodology to assess sediment quality in relation to the narrative human health SQOs that protects human consumers from contaminants that bioaccumulate from the sediment into fish tissue. Staff is using the Los Angeles Long Beach Harbors TMDL as a case study to address many of the issues associated with the human health implementation framework as well as addressing other questions related to the application of SQOs as TMDL targets. Several groups and committees, including the SQO Advisory Committee, the Agency Coordination Committee, and the Harbor Technical Work Group, are collaborating on studies that will assist in the development, testing, and implementation of Phase II SQOs. Staff anticipates that the case study and test drive will be completed by early 2017, followed by release of draft documents in April 2017. A public hearing and Board meeting are anticipated for May 2017, December 2017 respectively.</p>
<p>Statewide Aggregate General Order</p>	<p>DWQ is preparing a statewide general order for aggregate processing facilities that discharge to land.</p>

<p>Statewide General Waste Discharge Requirements Order for Wineries</p>	<p>State Board staff has prepared a concept paper for developing a statewide general order for wineries. Staff is collaborating with stakeholders to prepare a draft requirements matrix. Staff continues to hold meetings with wine industry representatives.</p>
<p>Statewide Storm Water Construction General Permit Reissuance</p>	<p>State Board staff has initiated development of the reissuance of the current Statewide Storm Water Construction General Permit (CGP). The proposed CGP reissuance will include implementation of Total Maximum Daily Loads (TMDLs) and permit revisions intended to update the CGP requirements per information collected during the term of the existing permit. Further information on the development of the proposed permit reissuance, including stakeholder outreach information, will be located on the State Board's Construction Storm Water Program website at: http://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.shtml.</p>
<p>Statewide Storm Water Industrial General Permit Implementation</p>	<p>State Board staff and the Industrial General Permit Training Team have finalized the Qualified Industrial Storm Water Practitioner (QISP) Training Program. This training program went live on May 1, 2016, and is part on-line and part in-person. State Board staff is developing Storm Water Multiple Application and Report Tracking System help guides for industrial dischargers and preparing for July 15, 2016, when the Annual Reports are due statewide. Industrial dischargers who have exceeded Numeric Action Level values for 2015/2016 storm water sampling events will go to Level 1 July 1, 2016, and be required to obtain assistance from a QISP.</p>
<p>Trash Water Quality Control Plan Amendments Implementation- Approved Treatment Control devices and systems</p>	<p>In September 2016, staff, in coordination with CASQA, requested information from local municipalities about their experiences with the Full Capture Systems. Information regarding the Full Capture Systems will be merged onto the list as a reference to others seeking to implement a specific system. The completed and approved Full Capture System list will be available to the public on the State Water Board Municipal Storm Water website (http://www.waterboards.ca.gov/water_issues/programs/stormwater/).</p>
<p>Toxicity Amendments to the Inland Surface Waters, Enclosed Bays, and Estuaries Plan</p>	<p>The draft amendment was circulated to the various Regional Boards for review and comment. Public Release of the draft staff report and proposed amendment is anticipated for May 2017 with a Board Hearing in June 2017. The proposed amendment is anticipated to be presented to the Board for consideration in September 2017.</p>