



**CONTRA COSTA
CLEAN WATER
PROGRAM**

MANAGEMENT COMMITTEE MEETING AGENDA

Wednesday, April 19, 2023

1:30 PM to 3:30 PM

Join Zoom meeting:

<https://us06web.zoom.us/j/87930698822?pwd=b2lRT2ptV1VRcXFYR3d0U2xCUDBuZz09>

Meeting ID: 879 3069 8822 Passcode: 982003 Dial: +1 669 900 6833 US (San Jose)

One tap mobile: +16699006833,,87930698822#,,,,*982003# US (San Jose)

If you require an accommodation to participate in this meeting, please contact Duanne Hernaez by phone at 925-313-2360, by fax at 925-313-2301, or by email at Duanne.Hernaez@pw.cccounty.us.

Providing at least 72 hours notice (three business days) prior to the meeting will help to ensure availability.

VOTING MEMBERS (authorized members on file)

City of Antioch	Phil Hoffmeister
City of Brentwood	Meghan Oliveira/ Brant Wilson/ Jigar Shah
City of Clayton	Larry Theis/ Jason Chen/ Ron Bernal
City of Concord	Bruce Davis (Vice-Chair)/ Carlton Thompson
Contra Costa County	Michele Mancuso/ Tim Jensen/ Allison Knapp
CCC Flood Control & Water Conservation District	Tim Jensen/ Michele Mancuso/ Allison Knapp
Town of Danville	Bob Russell/ Steve Jones/ Mark Rusch
City of El Cerrito	Stephen Prée/ Will Provost/ Yvetteh Ortiz/ Christina Leard
City of Hercules	Mike Roberts/Jeff Brown/Jose Pacheco/Nai Saelee/F. Kennedy
City of Lafayette	Matt Luttrupp/ Tim Clark
City of Martinez	Khalil Yowakim/ Frank Kennedy
Town of Moraga	Shawn Knapp/ Mark Summers/ Bret Swain
City of Oakley	Billilee Saengcalern/ Frank Kennedy/ Andrew Kennedy
City of Orinda	Scott Christie/ Kevin McCourt/ Frank Kennedy
City of Pinole	Misha Kaur
City of Pittsburg	Jolan Longway/ Richard Abono
City of Pleasant Hill	Ryan Cook/Ananthan Kanagasundaram/Frank Kennedy (Chair)
City of Richmond	Mary Phelps
City of San Pablo	Amanda Booth/ Karineh Samkian/ Sarah Kolarik/ Jill Mercurio
City of San Ramon	Kerry Parker/ Robin Bartlett/ Maria Fierner
City of Walnut Creek	Lucile Paquette/ Neil Mock/ Steve Waymire

PROGRAM STAFF AND CONSULTANTS

Karin Graves, Program Manager	Erin Lennon, Watershed Planner
Andrea Bullock, Administrative Analyst	Lisa Welsh, Consultant
Yvana Hrovat, Consultant	Mitch Avalon, Consultant
Liz Yin, Consultant	Nicole Wilson, Consultant
Lisa Austin, Consultant	Duanne Hernaez, Clerical

**Contra Costa Clean Water Program
MANAGEMENT COMMITTEE MEETING AGENDA
Wednesday, April 19, 2023**

AGENDA

Convene the Meeting /Introductions/Announcements/Changes to the Agenda: **1:30**

Public Comments: Any member of the public may address the Management Committee on a subject within their jurisdiction and not listed on the agenda. Remarks should not exceed three (3) minutes.

Regional Water Quality Control Board Staff Comments/Reports: **1:32**

Consent Calendar: **1:35**

All matters listed under the CONSENT CALENDAR are considered routine and can be acted on by one motion. There will be no separate discussion of these items unless requested by a member of the Management Committee or a member of the public prior to the time the Management Committee votes on the motion to adopt.

- A. **APPROVE** Management Committee meeting summary (Chair)
 - 1) March 15, 2023 Management Committee Meeting Summary
- B. **ACCEPT** the following subcommittee meeting summaries into the Management Committee record: (Chair)
 - 1) Administrative Committee
 - March 7, 2023
 - 2) PIP Committee
 - March 7, 2023
 - 3) Monitoring Committee
 - January 9, 2023
 - February 13, 2023
 - **March 13, 2023**
 - 4) Municipal Operations Committee
 - February 21, 2023
 - 5) Development Committee
 - February 22, 2023

Presentations: **1:40**

- A. Final Draft LID Monitoring Plan (L. Welsh)
 - a. See staff report for background information
- ~~B. Second Draft PCBs Demolition Applicant Package/Inspection Enhancement Recommendations (L. Welsh/S. Mathews)~~
 - ~~a. See staff report for background information~~
- C. Budget Approval of C.3 Workshop (E. Lennon)
 - a. See staff report for background information

- D. Revised Draft Cost Reporting Framework and Methodology (N. Wilson)
 - a. See staff report for background information
- E. MRP 3.0 Permit Amendment and Schedule (E. Yin/K. Graves)
 - a. See staff report for background information

Actions:

2:10

- ~~A. APPROVE the Final LID Monitoring Plan~~
- ~~B. APPROVE the Final PCBs Demolition Applicant Package/Inspection Enhancement Recommendations~~
- C. APPROVE the Budget and Scope of Work for the C.3 Workshop
- D. RATIFY the Administrative Committee vote to reinstate the Select Committee.

Reports:

2:15

- A. Updated San Francisco Bay 303(d) list (L. Welsh)
 - a. See staff report for background information

Updates:

2:30

- A. Watershed Symposium Information (N. Wilson/K. Graves)
- B. Personnel Update (K. Graves)
- C. BAMSC Steering Committee meeting (K. Graves)
 - a. Status of regional projects and working groups
 - b. EO Approval Process

Information:

2:45

- A. Review Committee Meeting Calendar for FY 23/24 (K. Graves)
- B. Duly Authorized Representative Letter and Committee Membership Forms (K. Graves)
- C. SF Regional Water Quality Control Board Contact Information (K. Graves)
- D. Management Committee Workplan Q4 (E. Yin/K. Graves)

Old/New Business:

2:55

Adjournment: Approximately 3:00 p.m.

Next Management Committee Meeting: Wednesday, May 17, 2023, 1:30 PM

Attachments

Consent Items

1. *Management Committee Meeting Summary March 15, 2023*
2. *Administrative Committee Meeting Summary March 7, 2023*
3. *PIP Committee Meeting Summary March 7, 2023*
4. *Monitoring Committee Meeting Summary January 9, 2023*
5. *Monitoring Committee Meeting Summary February 13, 2023*
6. *Monitoring Committee Meeting Summary March 13, 2023*
7. *Municipal Operations Committee Meeting Summary February 21, 2023*

8. *Development Committee Meeting Summary February 22, 2023*

Presentation and Action Items

- 9. *Staff Report on Final LID Monitoring Plan*
- ~~10. *Staff Report and Final PCBs Demolition Applicant Package/Inspection Enhancement Recommendations*~~
- 10. *Staff Report on Budget and Scope of Work for C.3. Workshop*
- 11. *Staff Report on Draft Cost Reporting Framework Updates*
- 12. *Staff Report on MRP 3.0 Permit Amendment and Schedule*

Reports

- 13. *Staff Report on Updated San Francisco Bay 303(d) List*

Information

- 14. *Committee Meeting Calendar for FY 23/24*
- 15. *Duly Authorized Representative Letter and Committee Membership Forms*
- 16. *SF Regional Water Quality Control Board Contact Information*
- 17. *Management Committee Workplan Q4*

UPCOMING CCCWP MEETINGS	
All meetings will not be held at 255 Glacier Drive, Martinez, CA 94553, but will be held virtually	
April 25, 2023 SPECIAL MEETING	Management Committee, 1:00 p.m. – 2:00 p.m. SPECIAL MEETING
May 16, 2023 3rd Tuesday	Municipal Operations Committee Meeting, 10 a.m. – 12 noon
April 26, 2023 4th Wednesday	Development Committee Meeting, 1:30 p.m. – 3:30 p.m.
May 2, 2023 1st Tuesday	Administrative and PIP Committee Meeting 9 a.m. – 12:00 noon
May 8, 2023 2nd Monday	Monitoring Committee Meeting, 10 a.m. – 12 noon
May 17, 2023 3rd Wednesday	Management Committee Meeting, 1:30 p.m. – 3:30 p.m.
BAMSC (BASMAA) SUBCOMMITTEE/ MRP 3.0 MEETINGS	
Times for the BAMSC (BASMAA) Subcommittee meetings are subject to change.	
July 1, 2022	Effective date of MRP 3.0
1st Thursday	Development Committee, 1:30 – 4:00 p.m. (even months)
1st Wednesday	Monitoring/POCs Committee, 9:30 a.m. – 3:00 p.m. (odd months)
4th Wednesday	Public Information/Participation Committee, 1:30 – 4:00 p.m. (1 st month each quarter)
4th Tuesday	Trash Subcommittee, 9:30 a.m.-12 noon (even month)

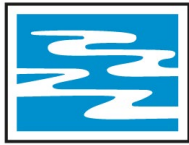


MANAGEMENT COMMITTEE MEETING MINUTES

3-15-2023

Attendance:

MUNICIPALITY	ATTENDED	ABSENT
City of Antioch	Phil Hoffmeister	
City of Brentwood	Brant Wilson	
City of Clayton	Larry Theis	
City of Concord	Carlton Thompson	
Town of Danville	Bob Russell	
City of El Cerrito	Christina Leard	
City of Hercules	Jose Pacheco	
City of Lafayette	Tim Clark	
City of Martinez	Frank Kennedy, Khalil Yowakim	
Town of Moraga	Bret Swain	
City of Oakley	Frank Kennedy, Billilee Saengcalern	
City of Orinda	Kevin McCourt, Frank Kennedy	
City of Pinole		Misha Kaur
City of Pittsburg	Jolan Longway	
City of Pleasant Hill	Frank Kennedy (Chair)	
City of Richmond	Mary Phelps	
City of San Pablo	Amanda Booth	
City of San Ramon	Kerry Parker	
City of Walnut Creek	Lucile Paquette	
Contra Costa County	Michele Mancuso	
CCC Flood Control and Water Conservation District	Tim Jensen	
Program Staff		
Program Manager	Karin Graves	
Admin. Svcs Assistant III	Andrea Bullock	
Watershed Mgmt Planning	Erin Lennon	
Clerk	Duanne Hernaez	
Program Consultants:		
Larry Walker Associates	Elizabeth Yin (LWA/CCCWP)	
Larry Walker Associates	Nicole Wilson (LWA/CCCWP)	
Geosyntec	Lisa Welsh (Geosyntec/CCCWP)	
Members of the Public/Others/Guests:		
City of Oakley	Brianne Visaya	
Geosyntec	Kelly Havens	



CONTRA COSTA
CLEAN WATER
PROGRAM

Introductions/Announcements/Changes to Agenda: Due to the Covid-19 pandemic, the meeting was conducted by video-conference call.

Elizabeth Yin of Larry Walker and Associates (LWA) announced changes to the agenda:

- Added action item for Management Committee to authorize the Program Manager to sign the CASQA bond letter on behalf of the Clean Water Program.
- Added an Informational Item for the Trash Brochure.

Carlton Thompson (Concord) motioned to approve the changes to the agenda; Bob Russell (Danville) Seconded. The motion passed with no abstentions or objections and the revised agenda was approved.

Public Comments: No members of the public were called in.

Regional Water Quality Control Board Staff Comments/Reports: Regional Board staff did not call in.

Roll call was taken and the meeting was convened by the Chair at 1:36 pm

- 1) Announcements:** Karin Graves (Program Manager) welcomed Nicole Wilson to the Management Committee. She will replace Hilary Pierce as a Consultant for the CCCWP. She has a master's degree in marine Ecosystems Management and has been working primarily on stormwater related projects.
- 2) Consent Calendar:** Bob Russell (Danville) motioned to approve the Management Committee meeting minutes as submitted, with no changes; Carlton Thompson (Concord) seconded. The Chair called for a vote. The motion passed with no abstentions or objections and the Management Committee meeting minutes were approved.

Kerry Parker (San Ramon) motioned to accept the Subcommittee meeting minutes into the record; Phil Hoffmeister (Antioch) seconded. The Subcommittee meeting minutes were accepted into the record with no abstentions or objections.

3) Presentations:

A. FY 23/24 Budget (Karin Graves)

Karin shared the final draft for the FY23/24 budget for the Clean Water Program.

Two new line items were discussed in the budget:

- Funding for information requests related to the Contra Costa countywide Monsanto polychlorinated biphenyls lawsuit.
- Staffing for the Contra Costa Clean Water Program (CCCWP).



CONTRA COSTA CLEAN WATER PROGRAM

Karin shared an update to the column numbers in the finalized budget to reflect adjustments that happened in August as well as the approval for conditional line items. Clarification was also added to budget line items where carryover from FY22/23 to FY23/24 has occurred. This carryover is clearly displayed in the *Notes* column of the budget spreadsheet.

In February two line items were removed or reduced:

- Misc. Office Supplies – reduced to \$2,640 from \$5,640.
- MRP 3.0 SWRCB Review – reduced to \$0 from \$35,000.

Carryover on certain line items were identified:

- Hydromodification Management Modeling Using BAHM - \$75,000 carryover. Will not exceed the approved amount of \$100,000 over two years.
- Hydromodification Management Maps - \$10,000 carryover. Will not exceed approved amount of \$19,000 w/ \$4000 charged to contingency over two years.
- Green Infrastructure Design Guidelines - \$32,000 carryover. Will not exceed the approved amount of \$40,000 over two years.

Cost share amounts for regional projects have been identified and the amounts contributed by the CCCWP are displayed in the *Notes* column.

- BAHM Regional update – FY22/23 CCCWP regional cost share: \$23,000

The amount of money reserved in the budget for the Monsanto Information request was shared (\$40,000). The level of effort for this item is unknown and Karin asked the committee for feedback on the amount that may be required.

Updates to the Administrative/Personnel section of the budget included:

- Staff Augmentation had been increased to \$344,000 from \$109,200 to cover consultant support to fill in for the Senior Watershed Management Planning Specialist (SWMPS) position for a full year in case it takes longer to fill the position. The previous budget amount was for six months. Budget updates will be made once the position is filled.

Budget recommendations from the CCCWP Monitoring Committee included:

- The 'All Monitoring Contingency' line item was identified by the Monitoring Committee to not be required by the permit. This line item is used to fund unexpected monitoring costs and the Monitoring Committee recommended to keep in the budget.
- C.8-line items are \$14,000 less for FY23/24 compared to FY22/23. C.12-line items are \$300 less for Fy23/24 compared to FY22/23. This is due to the program receiving an EPA Water and Quality Fund Grant and changing permit requirements.

The Municipal Operations Committee did not find any line items in the revised budget that were not required by the permit and are recommending approval of all relevant line items.



B. Final Trash Full Capture Device Impracticability Report (Elizabeth Yin)

Elizabeth presented the final draft of the Trash Full Capture Device Impracticability Report. Comments for the report are no longer being accepted as the report is due on March 31st. The Management Committee is asked for approval to submit the report to the regional Water Quality Control Board. There were no questions.

C. UCMR Water Year 2022 and associated submittals to the Regional Board (Lisa Welsh)

Lisa Welsh (Geosyntec) presented the Urban Creeks Monitoring Report for Water Year 2022. It was pointed out that most of the monitoring for 2022 was conducted under MRP 2.0. MRP 3.0 came into effect three quarters into the Water Year on July 1, 2022 and because of this, the new requirements for MRP 3.0 are only covered for 3 months of the year. Lisa shared with the committee a summary of the UCMR which included an Appendix that distinguishes the MRP 2.0 and MRP 3.0 requirements. Comments and revisions for the UCMR were discussed with the Monitoring Committee and it was agreed to recommend approval by the Management Committee by the March 31st deadline. There were no questions.

D. Final Old Industrial Control Measure Implementation Plan (Lisa Welsh)

Lisa presented the Old Industrial Control Measure Implementation Plan. Lisa summarized the plan's goals to treat old industrial areas within the county which include the reduction of Mercury and PCBs within these areas. Based on the current planned projects it is expected that the MRP 3.0 target should be reached and even exceeded if the projects are completed. The Monitoring Committee have discussed the plan and comments and revisions have been submitted. The Monitoring Committee suggests to the Management committee that the Old Industrial Control Measure Implementation Plan be approved and submitted to the Regional Water Board by the March 31st deadline. Michelle Mancuso (CCC) expressed her gratitude for the effort that went into creating and coordinating the plan. There were no questions.

E. Regional Alternative Compliance Final System Summary Report (Amanda Booth/Kelly Havens/Karin Graves)

Karin opened by giving some background information on the Regional Alternative Compliance System and its goals. These include:

- Green Stormwater Infrastructure requirements
- Public GSI Retrofit Impervious Area requirements.
- Treatment Control Measures on 664 acres of Old Industrial Area

Kelly Havens (Geosyntec) shared with the committee that minor changes were made to the report which provided clarification on the compliance unit calculation.



4) Actions:

a) APPROVE the FY23/24 Budget

Amanda Booth (San Pablo) motioned to approve, and Carlton Thompson (Concord) Seconded. There were no abstentions or objections and the budget for FY23/24 was approved.

b) APPROVE the Final Trash Full Capture Device Impracticability Report

Bob Russell (Danville) motioned to approve, and Michelle Mancuso (CCC) seconded. A roll call vote was taken and the motion passed with a unanimous vote of approval from all present. The City of Pinole was absent. Subsequent to the meeting, the City of Pinole voted "yes" by email.

c) APPROVE the UCMR Water Year 2022 and associated submittals to the Regional Board

A roll call vote was taken and the motion passed with a unanimous vote of approval from all present. The City of Pinole was absent. Subsequent to the meeting, the City of Pinole voted "yes" by email.

d) APPROVE the Final Old Industrial Control Measure Implementation Plan

A roll call vote was taken and the motion passed with a unanimous vote of approval from all present. The City of Pinole was absent. Subsequent to the meeting, the City of Pinole voted "yes" by email.

e) APPROVE the Regional Alternative Compliance System Summary Report and AUTHORIZE the submittal to the Regional Water Quality Control Board

A roll call vote was taken and the motion passed with a unanimous vote of approval from all present. The City of Pinole was absent. Subsequent to the meeting, the City of Pinole voted "yes" by email.

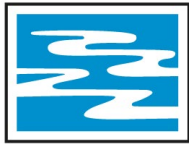
f) Authorize the Program Manager to sign the CASQA Bond letter on behalf of the CCCWP after grammatical errors have been fixed.

Kerry Parker (San Ramon) motioned to approve, and Bob Russell (Concord) Seconded. A roll call vote was taken and the motion passed with a unanimous vote of approval from all present. The City of Pinole was absent. Subsequent to the meeting, the City of Pinole voted "yes" by email.

5) Reports:

A. Draft LID Monitoring Plan (Lisa Welsh)

Lisa shared an update on the CCCWP Low Impact Development (LID) Monitoring Plan and Quality Assurance Project Plan. LID monitoring is a new requirement under MRP 3.0. Background information on LID monitoring was provided which is intended to provide information that will improve the understanding of the benefit of LID implementation on



**CONTRA COSTA
CLEAN WATER
PROGRAM**

pollutant loading and hydrology of receiving waters within Permittees' jurisdictions, at different space and time scales, and inform the design, construction, operation and maintenance and future implementation of LID. Lisa shared two main management questions which MRP Provision C.8.d specifies as minimum monitoring requirements. It was noted that the Technical Advisory group (TAG) and Monitoring committee is currently reviewing the monitoring plan and comments are due by March 24th. A second TAG meeting will be held on Tuesday March 21st. The final LID Monitoring Plan is due the Regional Water Board on May 1st. There will be a second presentation and approval item for the LID Monitoring Plan at the next Management Meeting on April 19th.

Carlton asked if any of the two LID monitoring sites have Biochar included in the Soil Mixture. Lisa answered that they do not, the two sites have standard bioretention soil, but she will confirm this.

6) Updates:

A. Personnel Update (Karin Graves)

Karin gave an update on the process of hiring a new SWMPS. The Public Works department is currently in contact with the County's human resources department and the position is in queue to start the recruitment process. They are hoping to advertise for the position by September.

B. BAMSC Steering Committee Meeting (Karin Graves)

Karin shared a few updates from the Bay Area Municipal Stormwater Collaborative (BAMSC) Steering Committee meeting that took place in February:

- The BAMSC Steering Committee approved the annual report forms and they were sent to the Regional Waterboard on March 1st.
- The Committee approved two Regional Collaboration Projects:
 - Regional Updates to the BAHM Model.
 - Trash Monitoring Quality Assurance Plan
- San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) staff notified attendees that upcoming deliverables including the Trash Impracticability report, Urban Creeks and Monitoring Report submittals, and the Old Industrial Control Measure Implementation Plan could be submitted through their FTP site.
- The BAMSC Steering Committee received word that the Environmental Protection Agency Water Quality Improvement Fund grant for Trash Receiving Water Monitoring will be funded.

No questions were asked.

Elizabeth gave updates on regional projects and working groups:

- C.17 Permit Provision – An information request has been sent out which will be used to create a countywide regional report for BMP's related to unsheltered homeless



CONTRA COSTA CLEAN WATER PROGRAM

discharges. The regional workgroup met on March 13th and this information was discussed. An extension has been issued for the data collection on this issue. Permittees were asked to return C.17 BMP information by March 31, 2023.

Erin Lennon (CCCWP) shared Workgroup updates:

- BAHM Regional Workgroup
 - Last meeting 02/21/23:
 - Approved a scope and budget for making changes to the Bay Area Hydrology Model (BAHM) for regional benefit as well as a BAMSC Project Profile.
 - CCCWP's share of the regional updates is \$23,000, which is within the budget of \$25,000 for that task.
 - Schedule for next steps
 - Early May - BAHM updates will be complete.
 - End of May - BAHM User Manual Draft will be ready and will be sent to the workgroup for review.
 - Early June - Workgroup meeting to go over updates and Manual.
 - End of June - Final BAHM User Manual will be ready.
 - August - 1st training will be held.
 - Next workgroup meeting will be in early April. They will go over reporting format and any issues that came up so far with updates or finding data.
- C.3 Alt Treatment Systems Workgroup
 - Last meeting 02/22/23:
 - Framework for alternative treatment systems presented by SFBRWQCB staff, Contech, and SMCWPPP.
 - Comments are still being considered towards draft permit amendment language.
 - Tentatively targeting August 2023 to bring an item before the Water Board, but it is possible that this item might be pushed back from August by 1-2 months.

Lisa shared Workgroup updates:

- PCB's and Building Demo Workgroup
 - The second meeting took place on March 2nd.
 - Draft update to the PCB and Building Demo Guidance was shared and the group opened for comments.
 - Updated guidance will be ready soon.
 - Implementation of the enhanced measures will need to take place on July 1st.

C. Annual Report Forms (Elizabeth Yin)

Elizabeth shared with the Management Committee that the Annual Report Forms have been submitted. Comments or feedback have not been received yet. Once Approval has been received, the final Forms will be distributed to the Management Committee.



7) Information:

A. Final SCVURPPP Memorandum of Agreement Review Report (Karin Graves)

Karin pointed out that the report can be found in the Agenda Packet. Karin gave some background on the report which includes program costs and how these costs compare to other countywide programs.

B. SF Bay Water Board Response to State Water Board's Consideration of Own Motion Review of MRP 3.0 (Karin Graves)

Karin shared with the Management Committee that the SFBRWWQCB response to comments can be found in the Agenda Packet.

C. Draft PCBs Demolition Applicant Package Inspection Enhancement Recommendations (Lisa Welsh)

This Agenda item was already discussed in the Workgroup Updates.

D. SUA ERU Certifications Reminder (Andrea Bullock)

Andrea Bullock (CCCWP) reminded the Management Committee that April 3rd is the last day to turn in resolutions for the SUA ERU Certification.

E. Trash Brochure (Karin Graves/Nicole Wilson)

Karin shared the Trash Brochure with the Management Committee. The Trash Brochure was created by SGA with input from the PIP Committee as one of the six brochures that being put together this year. The final design has been completed and program staff will send it out to the Public Information and Participation Committee and Management Committee. The customizable features of the brochure were highlighted. The Trash brochure will be available on the CCCWP Groupsite Page.

8) Old/New Business:

No Old/New Business was shared.

9) Adjournment: The Chair adjourned the meeting at approximately 3:06 pm



ADMINISTRATIVE COMMITTEE MEETING

SUMMARY

Tuesday, March 7, 2023

10:30 am – 12:00 pm

Zoom Meeting

VOTING MEMBERS	ATTENDED	ABSENT
Contra Costa County	Michele Mancuso	
CCC Flood Control and Water Conservation District	Tim Jensen	
City of Lafayette	Matt Lutthrop	
City of Martinez	Frank Kennedy	
City of Pittsburg	Jolan Longway (Vice Chair)	
City of Pleasant Hill	Frank Kennedy (Chair)	
City of Richmond	Mary Phelps	
NON-VOTING MEMBERS		
City of Walnut Creek	Lucile Paquette	
City of San Pablo	Amanda Booth	
City of Danville	Bob Russell	
Contra Costa County	Alison Knapp	
PROGRAM STAFF		
Karin Graves	Program Manager	
Andrea Bullock	Administrative Assistant	
Duanne Hernaez	Clerical	
PROGRAM CONSULTANTS		
Liz Yin	Larry Walker Associates	
Nicole Wilson	Larry Walker Associates	

1. Convene Meeting and Roll Call (Chair)

The Chair convened the meeting at 10:43 am.

2. Announcements or Changes to the Agenda (all)

There were no announcements or changes to the agenda.

3. Approval of February 7, 2023 Meeting Minutes (Chair)

There were no corrections or revisions to the January 3, 2023, meeting minutes. Michele Mancuso (Contra Costa County) motioned to approve the Administrative Committee meeting minutes as submitted, with no changes, and accept subcommittee minutes. Mary Phelps (Richmond) seconded. The Chair called for a vote. There were no objections or abstentions. The motion passed with no abstentions, and the items were approved.



ADMINISTRATIVE COMMITTEE MEETING

SUMMARY

Tuesday, March 7, 2023

10:30 am – 12:00 pm

Zoom Meeting

4. Final Draft FY 23/24 Budget (K. Graves/A. Bullock)

Karin Graves (Program Manager) presented the Final Draft of the Budget for FY 23/24, focusing on items that were discussed in the Monitoring Committee and Municipal Operations Committee:

- Staff Augmentation line item: Re-titled from “Watershed Resources Consulting for 6 months” which was the position previously filled by Mitch Avalon who has since retired. A budget of \$344,000 has been allotted for the full year (equivalent to 27 hours a week for each consultant) to fill in for the vacant senior watershed management planning specialist position. The Contra Costa Clean Water Program (CCCWP) is hoping to have the position advertised by September 2023 and the budget will be adjusted once the position is filled.
- Added Monsanto Information Request: Budgeted for \$40,000. Estimated budget due to uncertainty regarding the level of effort that will be required and requesting feedback from the committee.
 - Michele commented that it would be a good idea to add the line item to the budget.
- Cost share for regional projects: As requested by the Management Committee, the costs share amounts for scope of works that have been approved at the regional level have been added to several line items on the budget (SFEI, BAM Regional Update, Trash Reduction Impracticability Report, Guidance for MRP 3.0 Building Demo Requirements, BMP Report for Homelessness, etc.).
- Municipal Operations Committee: During the last meeting members did not identify additional line items that were not required by the permit. All line items related to municipal operations were left as drafted.
- Monitoring Committee: Added a few new line items to better track costs. Line items for C.8 are about \$14k less than FY 22/23. C.12 line items are about \$300k less than FY 22/23. The monitoring contingency line item was determined to not be required by the permit, but members decided to keep it.

Michelle Mancuso (Contra Costa County) made a motion to approve the budget and send to Management Committee. Frank Kennedy (Martinez/ Pleasant Hill) Seconded.

5. Approve March 15, 2023, Management Committee Agenda (Committee)

A comment was made about discussing a process, reminder, or way of tracking ongoing status of final documents (guidance documents, reports, templates, plans, etc.) so that committee members can better be aware of when feedback/comments are due and to not miss the opportunity to participate in some of the ongoing work being done. Liz Yin (LWA, Program Consultant) acknowledged the request saying that staff are working to make the process of sending reminders/requests more consistent but that this can be discussed further if permittees would like.

There was no correction or revisions to the March 15, 2023, Management Committee Agenda. Jolan Longway (Pittsburg) motioned to approve the Administrative Committee meeting minutes as submitted, with no changes, and accept subcommittee minutes. Mary Phelps (Richmond) seconded.



ADMINISTRATIVE COMMITTEE MEETING

SUMMARY

Tuesday, March 7, 2023

10:30 am – 12:00 pm

Zoom Meeting

The Chair called for a vote. There were no objections or abstentions. The motion passed with no abstentions, and the items were approved.

6. Old/New Business (Committee)

None

7. Adjournment

The Meeting adjourned at 11:14 am.



PUBLIC INFORMATION/PARTICIPATION COMMITTEE
MEETING SUMMARY
Tuesday, March 7, 2023, 9:00 am – 10:30 am
Zoom Meeting

PIP Committee Voting Members	Attended	Absent
City of Antioch	Julie Haas-Wajdowicz (Vice Chair)	
CCC Flood Control District	Michelle Giolli	
City of San Ramon	Kerry Parker (Chair)	
Admin Committee Members acting as PIP Voting Members	Attended	Absent
Contra Costa County	Michelle Mancuso	
CCC Flood Control and Water Conservation District	Michelle Mancuso	
City of Lafayette		Tim Clark
City of Martinez	Frank Kennedy	
City of Pleasant Hill	Frank Kennedy	
City of Pittsburg	April Chamberlain	
City of Richmond		Mary Phelps
Non-Voting Members	Attended	Absent
Town of Danville	Bob Russell	
City of San Pablo	Amanda Booth	
City of Walnut Creek	Lucile Paquette	
CCC Flood Control District	Jennifer Joel	
Program Staff	Attended	Absent
Contra Costa Clean Water Program (CCCWP)	Karin Graves Andrea Bullock Erin Lennon Duanne Hernaez	
Consultants	Attended	Absent
Stephen Groner Associates (SGA)	Stephan Groner Michelle Dissel Katie Galla	
Larry Walker Associates	Nicole Wilson Elizabeth Yin	

1) Introductions, Announcements, and Changes to Agenda (Chair)

Karin opened the meeting by introducing Nicole Wilson, who will replace Hilary Pierce as a consultant for the Contra Costa Clean Water Program (CCCWP).



**PUBLIC INFORMATION/PARTICIPATION COMMITTEE
MEETING SUMMARY
Tuesday, March 7, 2023, 9:00 am – 10:30 am
Zoom Meeting**

2) Consent Items Approval (Chair)

There was no correction or revisions to the following items:

- February 7, 2023 PIP Meeting Minutes
- March 2023 Facebook and Instagram Posts

Julie Haas-Wajdowicz (Antioch) made a motion to approve the items listed above as submitted, with no changes, and accept subcommittee minutes. Michelle Giolli (CCC Flood Control District) seconded. The Chair called for a vote. The motion passed with no objections and the items were approved.

3) Restaurant Brochure (SGA)

Stephen Groner (SGA) opened by letting the committee know that the trash brochure is being finalized. There will be two versions, one for the county and another for the cities which they can customize. He showed the current version of the restaurant brochure and mentioned that there will be two versions of this brochure as well. Their goal is to finish all the brochures by the end of the fiscal year. Moving forward they will work on two brochures at the same time. He opened the discussion for questions and comments.

Discussion points about the brochure included comments regarding the following:

- The crisscrossing of the pull-out images is difficult to follow and does not convey the information clearly.
- Feedback from inspectors should be requested.
- One of the main issues concerning restaurants involves cleaning or washing outside (e.g., mop water and cleaning mats outside) and the messaging of the brochure should reflect this.
- Some suggestions were made regarding specific language of the brochure, (referring to checkbox #7) which mentions only “plain water” to be dumped into outdoor drains, pointing out that the only thing that should go into storm drains is rainwater.
- Other comments were made regarding the brochure images including one suggestion that the image with the trash bins should depict a covered garbage area.
- Lastly, emphasis was placed on having a Spanish version of this specific brochure and that the visual aspect of the brochure is very important for non-English speakers.

Stephen Groner (SGA) concluded the discussion by acknowledging that all the comments have been very constructive and that the committee will be given a week and a half to submit written feedback. SGA will try and have a final version of the restaurant brochure for the April PIP Committee meeting. He agrees that it would be beneficial to make a Spanish version as well, but that it is not currently planned in the budget. Discussions about the use of contingency funds can be discussed in future meetings.

**PUBLIC INFORMATION/PARTICIPATION COMMITTEE
MEETING SUMMARY
Tuesday, March 7, 2023, 9:00 am – 10:30 am
Zoom Meeting**

4) Earth Day Campaign (SGA)

Stephen Groner (SGA) introduced a new campaign they are looking to launch in April for Earth Day with the goal of building engagement with the community through social media. They will hold a contest offering a rain barrel for the winner.

Michelle Dissell (SGA) provided an overview of the campaign. The main goals of the campaign are to increase engagement on social media and create conversations regarding the usage and collection of rainwater, rain gardens, and green infrastructure. There will be 3 posts a week which will substitute previously approved social media posts that will be moved forward on the calendar. They will encourage the winner of the contest to create and share content using the rain barrel. Michelle also shared the theme and aesthetics of the campaign.

Some discussion took place as to whether a rain barrel was the best idea for a giveaway item citing that use of captured water/rain barrels can be limited if people have drought tolerant gardens (other suggestion were a gift certificate and for messaging to focus more on rain gardens than captured water). In the end it was agreed on by the group that a rain barrel would be the most practical prize for this campaign.

Julie Haas-Wajdowicz (Antioch) motioned to approve the proposed Earth Day Campaign. Frank Kennedy (Martinez/Pleasant Hill) seconded.

5) Cost Reporting Legal Review (Karin)

Karin shared a cost reporting update:

- Looking to receive feedback from the committee to see if they would like to do a legal review of the cost reporting framework and guidance documents.
- The on-call legal support budget has funds available to accommodate the legal review.
- Will be sent to the Regional Water Board at the end of June.

Karin opened the discussion for questions and comments.

The discussion began with Lucile Paquette (Walnut Creek) asking if other groups have talked about a legal review at a regional level? Karin Graves responded that she doesn't know the answer, but she doesn't believe this was discussed at the last cost reporting regional work group meeting on the 27th of February. Karin mentioned that we can ask the other countywide stormwater program managers, like Karen Ashby, if other work groups might be interested in the legal review.



**PUBLIC INFORMATION/PARTICIPATION COMMITTEE
MEETING SUMMARY
Tuesday, March 7, 2023, 9:00 am – 10:30 am
Zoom Meeting**

Lucile Paquette (Walnut Creek) followed up by asking what the legal questions would be. She pointed out that it seems like permittees have been forced into the cost reporting requirements before the state has been able to do their own research. She suggested questions like:

- Can the San Francisco Regional Water Quality Control Board require us do cost reporting?
- How detailed does it have to be?
- What is the minimum information that could be provided to meet the requirement?

Michelle Mancuso (Contra Costa County/CCC Flood Control) pointed out this is not just a state requirement, but it comes from the Federal/EPA level.

Julie Haas-Wajdowicz (Antioch) clarified that the overall question should be what is the best way to put forth information so that permittees are in compliance but not opening themselves up to more liability. The legal review would serve as a way to clarify this and protect permittees from potential lawsuits.

Frank Kennedy (Martinez/Pleasant Hill) added to this by highlighting that the cost reporting information is submitted as part of a document that has a statement requiring that “under penalty of perjury” everything included is correct. The permit lays out in heavy detail everything they want, without realizing that most permittees have limited capability of providing the level of detail required. As such, we want to know if generalizations/estimates (to approximately the hundreds of thousands) are suitable to keep us in compliance/out of trouble.

Karin concluded the discussion by proposing that she reach out to the on-call attorney with the questions and have him prepare a response. She suggested it might be beneficial to have him attend a future PIP meeting to clarify any outstanding points before sending the final comments in June.

The group agreed that it was a good idea.

Karin mentioned that she will work with Nicole to talk to Jill Bicknell, the regional work group lead, as well as other countywide stormwater program managers to gauge where other groups are landing on the issue.

6) Cost Reporting Update (Karin)

Karin opened by sharing meeting minutes from the BAMSC Regional Cost Reporting Work Group Meeting and gave an overview of what was discussed:

- Concerns about accuracy of costs and potential audits
- Flexibility for how cost estimates are made



**PUBLIC INFORMATION/PARTICIPATION COMMITTEE
MEETING SUMMARY
Tuesday, March 7, 2023, 9:00 am – 10:30 am
Zoom Meeting**

- Need for guidance and enhancing the guidance manual
- How should costs be reported for C.20, C.22, and C.25
- For what provisions should capital and O&M Costs be reported?
- Personnel costs – accounting for direct costs and training
- Accounting for collaboration at sub-countywide program levels
- Estimate for future costs
- Reporting for street sweeping and catch basin cleaning

The next BAMSC Work Group Meeting will take place in March (post meeting staff confirmed that the next meeting is actually in May). The Revised Framework is expected to come out mid-March and discussion will take place during the April PIP and Management meetings.

Lucile Paquette (Walnut Creek) commented on the challenges that would be faced when reporting costs at the level of detail that is being requested.

Karin covered the cost report regrouping of C.20, C.22, and C.25:

- The tabs for C.20, C.22, and C.25 are going to be removed and will now be tracked under the Program Management tab.
- The C.20, C.22, and C.25 columns in the “Personnel and Overhead” and “External Professional” tabs will be removed.
- The rows for C.20, C.22, and C.25 will be removed from the “Countywide Program Costs” and “Cost Reporting Summary” tabs.

The Committee came to an agreement that the decision to lump reporting of these items is acceptable but can report them separately if necessary.

7) Watershed Symposium Update (Lucile Paquette/Karin)

Lucile announced to the committee that Contra Costa County will hold a Watershed Symposium and that this event is a good opportunity for the CCCWP to conduct outreach. She asked the committee members if they would like to sponsor this event by donating funds which will be used to support the event as well as help students in need of funding to attend the event. The event will take place on October 26, 2023 at the Pleasant Hill Community Center. Lucille proposed the idea for the CCCWP to have a table at the event. More information will be available as the event approaches.

Karin followed up by asking the committee for some direction regarding the program participating in the event. She supports the idea of contributing as a sponsor, having an outreach table, and potentially presenting at the event.



PUBLIC INFORMATION/PARTICIPATION COMMITTEE
MEETING SUMMARY
Tuesday, March 7, 2023, 9:00 am – 10:30 am
Zoom Meeting

Kerry Parker (San Ramon) suggests this would be good event to announce at the April Management Committee meeting. Lucile Paquette (Walnut Creek) asked if we do offer sponsorship, how much would the program be willing to contribute and who should be the representative to send this information to the rest of the program. Julie Haas-Wajdowicz (Antioch) thinks this is a great event for networking and supports the idea of including a pitch for the event on a Management Committee agenda to inform other permittees that may want to participate.

Karin concluded the discussion by suggesting that they could provide Resources Conservation District with an email that they can send out to the committee members and have a conversation with staff regarding the level of sponsorship contributions. This will be included as a discussion item to finalize details at the next PIP committee meeting and present the information at the April Management Committee meeting.

8) Adjournment (Chair)

The meeting adjourned at 10:33 am

**Monitoring Committee
Meeting Summary
January 9, 2023**

VOTING MEMBERS	ATTENDED	ABSENT
CCC Flood Control District	Beth Baldwin (Chair) Michelle Giolli	
City of Walnut Creek	Lucile Paquette (Vice-Chair)	
City of Pittsburg	Jolan Longway	
City of Antioch		Phil Hoffmeister
City of Pinole	Misha Kaur	
City of Richmond		Terri Mason
PROGRAM STAFF		
Program Manager	Karin Graves	
Watershed Management Planning Specialist	Erin Lennon	
PROGRAM CONSULTANTS		
Geosyntec Consultants	Lisa Welsh	
Geosyntec Consultants	Lisa Austin	

1. **Introductory Remarks, Announcements, and Changes to the Agenda.** There were no changes to the agenda. Beth Baldwin (CCC FCD) shared that the regional trash monitoring WQIF grant application was not awarded for the applied period, but additional funds would be available in FY2023. The project ranked well and EPA would recommend it for the next round of funding. The next round of funding may be available in a few months and we could be under contract as soon as July 2023. CCCWP was awarded its own WQIF grant to continue developing the Regional Alternative Compliance Program and a regional project in a disadvantaged community.
2. **December 2022 Meeting Summary.** Jolan Longway (Pittsburg) moved to approve the December 2022 meeting summary. Beth Baldwin (CCC FCD) seconded. Misha Kaur (Pinole) abstained. There were no objections.
3. **Trash Outfall Monitoring Selection Update.** Lisa Welsh (Geosyntec Consultants) reviewed the key outcomes from the BASMC MPC meeting related to trash monitoring:
 - Bay Area Programs can assume that the earliest award date for the regional trash monitoring WQIF grant is July 1, 2023. Budget impacts to CCCWP include covering the costs between now and July 1:
 - Trash TAG honorarium (\$3,000 per Program)
 - Regional Trash QAPP (~\$20k shared regionally). Paul Salop from Applied Marine Sciences is in the process of developing a cost estimate and regional project profile for the regional Trash QAPP.

- The Trash Monitoring Plan due on July 31, 2023, will focus on trash outfall monitoring (the monitoring window opens on Oct 1, 2023). The receiving water trash monitoring plan will be developed in detail in FY23-24 under the grant (the monitoring window opens on Oct 1, 2024).
- The CCCWP, along with the other programs regionally, are planning to contract with Oldcastle to supply and install the trash nets. Oldcastle can also support monitoring – taking the nets on and off before and after monitoring events, and potentially storing the collected trash. KEI is coordinating a site visit for the potential Contra Costa locations in late Jan/early February with Oldcastle and CCC Public Works representatives.
- Beth is leading a permitting subgroup, which met on Dec 21. She is drafting a spreadsheet to summarize site considerations and will share it at the internal C.8 planning meeting on February 1.
- Derek Beauduy (RWB Staff) agreed to help with permitting. The Bay Area Programs are asking for input from the regulatory agencies early on as to whether a site is permissible, given the time needed to order netting materials.
- The UCMR due on March 31, 2023, requires an Annual Trash Monitoring Progress Report. It will be a simple paragraph summarizing progress from July 1 through September 30, 2023. The Bay Area Programs will collaborate regionally to draft this paragraph.
- Schedule/timeline for Trash Monitoring
 - 1st TAG meeting (early-March 2023)
 - Draft Trash Monitoring Plan & QAPP to TAG (May 1, 2023)
 - 2nd TAG meeting (early-May 2023)
 - TAG comments (June 15, 2023)
 - Final Trash Monitoring Plan & QAPP to RWB (July 31, 2023)
- There is an internal C.8 planning meeting on Feb 1. to discuss the Trash TAG meeting agenda and assignments for the monitoring plan.

4. LID Monitoring Update. Lisa W. reviewed the key outcomes from the BASMC MPC meeting related to LID monitoring:

- The LID TAG advisors would like to see more information on system sizing and design before they review the LID Monitoring Plans. The Bay Area Programs are coordinating regionally to develop a summary table with site characteristics to share with the LID TAG members in early February.
- Based on feedback from the LID TAG at the December meeting, CCCWP will likely replace one of the two potential monitoring locations on Rumrill Blvd with the El Cerrito rain garden which was previously monitored as part of the CW4CB project

and by SFEI. Alicia Gilbreath, who is from SFEI and is an LID TAG member, was encouraging CCCWP to monitor this location to evaluate facility performance over time. We also know that this location has elevated pollutant concentrations in the influent.

- The LID TAG requested that zinc be added to the analyte list as well as soil moisture.
- Schedule for LID Monitoring
 - Draft Monitoring Plans to the TAG (March 1, 2023)
 - 2nd LID TAG Meeting (mid-March)
 - Final Monitoring Plan and QAPP (May 1, 2023)
- The UCMR due on March 31, 2023, requires an Annual LID Monitoring Status Report. It will be a simple paragraph summarizing progress from July 1 through September 30, 2022. Lisa Sabin (EOA) will draft a short paragraph.

5. POCs RWL Monitoring Assessment. Lisa Austin (Geosyntec Consultants) provided a status update on preparing the POCs RWL plan. The workgroup continues to move forward on schedule, coordinating regionally on the water quality data analysis and site selection that is regionally representative of different watershed types. The top priority site for CCCWP is in Walnut Creek at Concord Ave. The approach and site selection will be discussed in a meeting with RWB Staff in late January. The draft RWL Monitoring Assessment Plan will be shared in February for Permittee review and revised for approval in March.

6. C.12.c Old Industrial Control Measure Plan Update. Lisa A. provided a status summary of the Old Industrial Control Measure Plan and shared a draft example map showing completed and planned projects for the City of Pittsburg. Geosyntec has developed draft maps for all CCCWP Permittees and will reach out to those who provided projects for review and discussion of the planned projects. Large redevelopment projects in Old Industrial areas are planned during MRP 3. These projects will help Contra Costa County meet the permit requirement to treat 664 acres of Old Industrial areas.

The group discussed the relationship between the MRP 3 target and the TMDL. In the fourth year of the permit, we will conduct the RAA again to assess the status. There has not been further discussion about reopening the TMDL and we can discuss that at the next BAMSC MPC in March. Furthermore, if there are no further updates on source property abatement/referral from RWB Staff in March, we should consider reaching out to Tom Mumley (RWB Staff) directly.

7. C.12.g PCBs in Building Demo Update. Lisa W. reviewed that Sandy Mathews (LWA) and Jon Konan (EOA) are leading a regional workgroup to update the PCBs in Building Demo guidance per MRP 3 requirements. Draft guidance will be shared with the Permittees for their review at the end of January. Sandy and Jon will coordinate a follow-up workgroup meeting to review and discuss the draft guidance.

Geosyntec typically conducts a mid-year data request, asking Permittees to provide information on Applicable Structures that applied for a demo permit and associated PCBs data. Lisa W. suggested that she could post the tracking spreadsheet to a shared file folder and Permittees could add information throughout the year. The committee agreed that this format would be helpful.

Action Item: Lisa W. will post the PCBs in Building Demo tracking spreadsheet to a shared file folder.

- 8. WY21-22 Urban Creeks Monitoring Region.** Lisa W. reviewed the outline for this year's UCMR, due on March 31, 2023. This UCMR includes components of MRP 2 (e.g., Creek Status Monitoring) and MRP 3 (e.g., status updates on LID and trash monitoring). For MRP 3, the UCMR will also include the East County Annual Mercury Monitoring Plan. The UCMR will be shared with Permittees for review in early February. It will be discussed at Monitoring and Management Committees in February and then revised and approved in March.

Action Item: Lisa W. will reach out to Elizabeth Lee (RWB Staff for Region 5) to clarify the submission process for the East County UCMR elements (e.g., the POCs Monitoring Report and Mercury Monitoring Plan).

- 9. FY23-24 Draft Budget.** Lisa W. reviewed the draft budget for FY23-24. The committee discussed including a row for trash receiving water monitoring to identify the costs that the regional trash monitoring WQIF grant is covering. A revised draft budget will be presented to the Monitoring and Management Committees in February.

Action Item: Lisa W. will upload the draft FY23-24 budget to Groupsite for review.

- 10. New/Old Business.** Lisa W. reviewed that:

- The State Water Board is considering filing its Own Motion to review MRP 3, following a late-filed petition by Baykeeper and requested feedback on this consideration. The comment period was extended to late February.
- January 2023 Regional Workgroup Meetings: Jan 4: BASMC MPC Meeting

11. Next Steps / Action Items

- Lisa W. will post the PCBs in Building Demo tracking spreadsheet to a shared file folder.
- Lisa W. will reach out to Elizabeth Lee (RWB Staff - Region 5) to clarify the submission process for the East County UCMR elements.
- Lisa W. will upload the draft FY23-24 budget to Groupsite for review.

- 12. Adjournment.** The meeting was adjourned at 12:00 am.

Next Scheduled Monitoring Committee Meeting: Monday, February 13, 2022, 10:00 AM-12:00 PM, Zoom meeting.

G:\NPDES\05_Monitoring Committee\03_Minutes&Attend\FY 22-23\Approved Minutes\2023-01\01_2023_Jan_9_MonCom_Minutes_approved.docx

**Monitoring Committee
Meeting Summary
February 13, 2023**

VOTING MEMBERS	ATTENDED	ABSENT
CCC Flood Control District	Beth Baldwin (Chair)	
City of Walnut Creek	Lucile Paquette (Vice-Chair)	
City of Pittsburg		Jolan Longway
City of Antioch		Phil Hoffmeister
City of Pinole	AJ Kennedy	
City of Richmond		Terri Mason
NON-VOTING MEMBERS		
City of San Pablo	Amanda Booth	
PROGRAM STAFF		
Program Manager	Karin Graves	
Watershed Management Planning Specialist	Erin Lennon	
PROGRAM CONSULTANTS		
Geosyntec Consultants	Lisa Welsh	
Geosyntec Consultants	Lisa Austin	

- 1. Introductory Remarks, Announcements, and Changes to the Agenda.** There were no changes to the agenda.
- 2. January 2023 Meeting Summary.** The Monitoring Committee discussed two clarifications to the January 2023 meeting summary. Approval of the January 2023 meeting summary was postponed to March because the Monitoring Committee did not have a quorum.
- 3. Trash Outfall Monitoring Update.** Lisa Welsh (Geosyntec Consultants) provided an update on trash outfall monitoring site selection, permitting, and preparation for the first Trash TAG meeting on March 15. The Monitoring Committee discussed the following topics:
 - Personnel from KEI, CCC Public Works (PW), and Oldcastle met for a site recon at an outfall off Center Ave that discharges to Grayson Creek in Pacheco. The outfall is a corrugated metal pipe (CMP) which adds some complications for net installation. Oldcastle recommended improving the site with a headwall at the mouth of the outfall. The net frame would be secured to the headwall rather than within the pipe. In addition, the CMP discharges onto a concrete apron that has embedded small diameter rip rap. The apron has recently been undercut due to high water events. CCC PW suggested reconstructing the entire structure due to heavy scour. If the apron must be reconstructed or replaced, there could be options to replace it with more natural materials, such as sandbags, instead of concrete. Impacts on permitting are to-be-determined.

- If the outfalls are small (≤ 18 inches in diameter), then KEI can install and retrieve the nets during monitoring events. For outfall sizes larger than 18 inches, another vendor/ truck will likely be needed for net retrieval.
- KEI, Geosyntec, and CCCWP will continue looking for an alternative/backup site that poses fewer permitting challenges.
- There is a meeting planned with Derek Beauduy (RWB Staff) and other RWB Staff to discuss permitting on February 15. KEI will attend on behalf of CCCWP. To start permitting on time, we will likely need RWB support to expedite the permitting process.
- There was an internal regional C.8 planning meeting on February 1. Key outcomes of the meeting included:
 - Bonnie deBerry (EOA) to draft a template for the Annual Trash Monitoring Progress Report for this year's UCMR. She will share it with the UCMR authors.
 - Chris Sommers (EOA) to send an invitation for a Trash Monitoring Prep meeting on February 22, 2-3:30p.
 - Chris Sommers to review the Trash Monitoring QAPP regional project profile to bring to BASMC SC at the end of February.
 - Paul Randall (EOA) and Paul Salop (Applied Marine Sciences) to reach out to Derek Beauduy to continue permitting discussion.

4. LID Monitoring Update. Lisa W. provided an update on LID monitoring site selection and preparation for LID TAG meeting #2 in mid-March.

- Representatives from CCCWP, KEI, and the City of El Cerrito had a conference call to discuss monitoring at the El Cerrito Green Streets bioretention rain garden. During the call, the City mentioned that there is another bioretention facility that might be good for monitoring. The site is located along the Ohlone Greenway. Geosyntec, CCCWP, and KEI reviewed construction drawings and agreed that the site looks promising for monitoring. Christian Kocher (KEI) will visit the El Cerrito Green Streets and Ohlone Greenway site locations with Staff from the City of El Cerrito on February 15. The Monitoring Committee supported monitoring at this location.
- There was an internal regional C.8 planning meeting on February 1. Key outcomes of the meeting included:
 - Bonnie deBerry (EOA) drafted a summary of the LID Monitoring Status report and shared it with the UCMR authors.
 - Lisa Sabin (EOA) will facilitate TAG meeting #2 and send out a draft agenda.
 - Programs will upload their draft Monitoring Plan by March 1 to a folder, which will be shared with the TAG.

5. **POCs RWL Monitoring Assessment.** Lisa Austin (Geosyntec Consultants) provided a status update on the POCs RWL plan. The workgroup had a meeting with Richard Looker (RWB Staff) and he had feedback on additional parameters to monitor (see attached slide). The draft RWL Monitoring Assessment Plan should be available for review later this week.
6. **C.12.c Old Industrial Control Measure Plan Update.** Lisa A. reviewed the draft Old Industrial Control Measure Plan. The committee discussed the following topics:
 - Overlap between the GI Plan projects and the projects presented in the Old Industrial Area Control Measure Plan – Projects submitted with the Old Industrial Area Control Measure Plan are a projection. Every year with the Annual Report, we will submit a summary of completed projects and acres treated.
 - Geosyntec will update the Plan with a short discussion on the uncertainty of private redevelopment and the challenges to predicting project completion by the end of the permit term.
 - A summary of the regional treatment control project is included in the Old Industrial Area Control Measure Plan, which helps with C.3.j requirements and shows CCCWP's intention to take action.
7. **C.12.g PCBs in Building Demo Update.** Lisa W. summarized that the Development Committee will be the subcommittee to lead the review of the enhancements to the PCBs in Building Demo program for MRP 3.
8. **WY21-22 Urban Creeks Monitoring Region.** Lisa W. presented the review schedule for the draft UCMR umbrella report and appendices. The UCMR products will be shared in three stages in February for Monitoring and Management Committee review. The report will be revised and finalized in March, with the final submittal to the RWB by March 31, 2023.
9. **FY23-24 Draft Budget.** Lisa W. reviewed the revised Monitoring Committee budget for FY23-24. The committee discussed including the Monitoring Contingency (\$10,000) to cover unanticipated monitoring costs, such as mobilizing in response to a fish kill. The committee agreed to keep this item.

10. Next Steps / Action Items

- Geosyntec, KEI, and CCCWP will continue looking for trash outfall monitoring locations.
- Geosyntec will update the Old Industrial Area Control Measure Plan with a short discussion on the uncertainty of predicting redevelopment project completion.

11. Adjournment. The meeting was adjourned at 12:00 am.

Next Scheduled Monitoring Committee Meeting: Monday, March 13, 2022, 10:00 AM-12:00 PM, Zoom meeting.

G:\NPDES\05_Monitoring Committee\03_Minutes&Attend\FY 22-23\Approved Minutes\2023-02\02_2023_Feb_13_MonCom_Minutes_approved.docx

POCs RWL Monitoring Parameters Update



- **Selected Parameters:**
 - E. coli – applicable FIB, required by MRP Provision C.8.f.
 - Dissolved copper – required by MRP Provision C.8.f.
 - Dissolved zinc - required by MRP Provision C.8.f.
 - Dissolved lead – based on the comparison of data to Basin Plan WQOs.
 - Hardness – ancillary parameter to calculate site-specific metals WQOs.
 - **Total Mercury – based on the comparison of data to Basin Plan WQOs.**
 - **PCBs (RMP 40) – based on the comparison of data to CTR criteria.**
 - **Total Phosphorus – based on anticipation of new statewide criteria.**
 - **Total Nitrogen – based on anticipation of new statewide criteria.**
 - **Unionized Ammonia – based on Regional Water Board staff recommendation.**
 - **Ammonia, pH, specific conductance, temperature – ancillary parameters to calculate unionized ammonia.**
- **Pesticides and toxicity are also included, consistent with the monitoring being conducted in compliance with MRP Provision C.8.g**

**Monitoring Committee
Meeting Summary
March 13, 2023**

VOTING MEMBERS	ATTENDED	ABSENT
CCC Flood Control District	Beth Baldwin (Chair) Michelle Giolli	
City of Walnut Creek	Lucile Paquette (Vice-Chair)	
City of Pittsburg	Jolan Longway	
City of Antioch		Phil Hoffmeister
City of Pinole		Misha Kaur
City of Richmond		Terri Mason
NON-VOTING MEMBERS		
City of San Pablo	Amanda Booth	
PROGRAM STAFF		
Program Manager	Karin Graves	
Watershed Management Planning Specialist	Erin Lennon	
PROGRAM CONSULTANTS		
Geosyntec Consultants	Lisa Welsh	
Geosyntec Consultants	Lisa Austin	

1. **Introductory Remarks, Announcements, and Changes to the Agenda.** There were no changes to the agenda.
2. **January 2023 Meeting Summary.** Approval of the January 2023 meeting summary was postponed to April because the Monitoring Committee did not have a quorum.
3. **Trash Outfall Monitoring Update.** Lisa Welsh (Geosyntec Consultants) provided an update on trash outfall monitoring site selection, permitting, and preparation for the first Trash TAG meeting on March 15 (see Slides #3 to #10 in the attached slide deck). The Monitoring Committee discussed the value of having a specific list of questions to guide TAG input.
4. **LID Monitoring Update.** Lisa W. provided an update on LID monitoring site selection and preparation for LID TAG meeting #2 in mid-March (see Slides #11 to #22 in the attached slide deck). The Monitoring Committee discussed making sure that the utility box, which will be placed on an elevated platform within the bioretention facility, is not submerged during a rain event. Lisa Welsh will follow up with KEI to confirm this.
5. **C.12.c Old Industrial Control Measure Plan Update.** Lisa W. provided an update on comments received and revisions to the draft Old Industrial Control Measure Plan (see Slides #23 to #28 in the attached slide deck). The Monitoring Committee discussed how the listed/mapped projects are projected and each year with the Annual Report, we will provide

an update on the projects completed. In Year 4 of the permit term, we will do load reduction accounting with the RAA. An approach to land use updates/corrections will be discussed at future Monitoring Committee meetings. The Monitoring Committee recommended that Management Committee approve the Old Industrial Control Measure Plan for submission to the RWB by March 31, 2023.

6. **WY21-22 Urban Creeks Monitoring Report.** Lisa W. provided an update on comments received and revisions to the draft WY2022 UCMR (see Slides #29 to #34 in the attached slide deck). The Monitoring Committee recommended that Management Committee approve the WY2022 UCMR for submission to the RWB by March 31, 2023.
7. **Release of draft 303d list.** Lisa W. reviewed Richard Looker's (RWB Staff) presentation on the draft 303d list from the BAMSC MPC March 1 meeting (see Slides #35 to #46 in the attached slide deck). There are four listings for Contra Costa County: Keller Beach (bacteria); Moraga Creek and Las Trampas Creek (water toxicity); South San Ramon Creek (ammonia). Lisa Welsh will review the data used to support the listings. CASQA is also reviewing the draft 303d list and intends to prepare a comment letter.

8. **New / Old Business**

- Marsh Creek BOD sampling (at 13 locations) was conducted on February 27. This was the third and final sampling event for WY2023. KEI will prepare a summary of results for RWB Staff in Summer 2023.
- Marsh Creek mercury/methylmercury sampling was also conducted on February 27. This was the second of three required sample events in WY2023.
- The PCBs and Building Demo program enhancements for MRP 3 will be approved at BAMSC Steering Committee in April; CCCWP Management Committee will also approve them in April. Revised/Final Draft documents are expected in late March/early April.
 - Lucile Paquette (Walnut Creek) explained that the City is working with Recycle Smart and Green Halo to support project tracking.
 - Amanda Booth (San Pablo) explained that the City has a demolition project with materials that are being managed under an associated waste program for asbestos and do not need to be sampled for PCBs under this program. Jolan Longway (Pittsburg) added that their City reserved the right to ask for additional data (e.g., PCBs) by building it into the conditions of approval. Lisa W. will follow up with Lisa Austin/Sandy Mathews/Jon Konan on how this impacts PCBs load reduction estimates and reporting of Applicable Structures.

9. **Next Steps / Action Items**

- Lisa W. will review the draft 303d listings and associated monitoring data.
- Lisa W. will follow up with KEI to learn if the Marsh Creek Reservoir overflowed.
- Lisa W. will follow up with Lisa Austin/Sandy Mathews/Jon Konan about asbestos and PCBs testing for Applicable Structures.

10. Adjournment. The meeting was adjourned at 12:00 am.

Next Scheduled Monitoring Committee Meeting: Monday, April 10, 2022, 10:00 AM-12:00 PM, Zoom meeting.

G:\NPDES\05_Monitoring Committee\03_Minutes&Attend\FY 22-23\Approved Minutes\2023-03\03_2023_Mar_13_MonCom_Minutes_approved.docx



CCCWP Monitor Committee Meeting

March 1, 20

ish

Monitoring Committee Meeting Agenda



CONTRA COSTA
CLEAN WATER
PROGRAM

1. Trash Monitoring
2. LID Monitoring
3. Old Industrial Control Measure Plan
4. WY2022 UCMR
5. Draft 303(d) List
6. New/Old Business

Trash Monitoring Update



Trash Monitoring Update

Topics Covered

- Regional WQIF Grant Application
- Outfall Selection
- Permitting
- Contracting
- Trash TAG Meeting #1 on March 15, 2-5p
- Schedule

Regional WQIF Grant Application

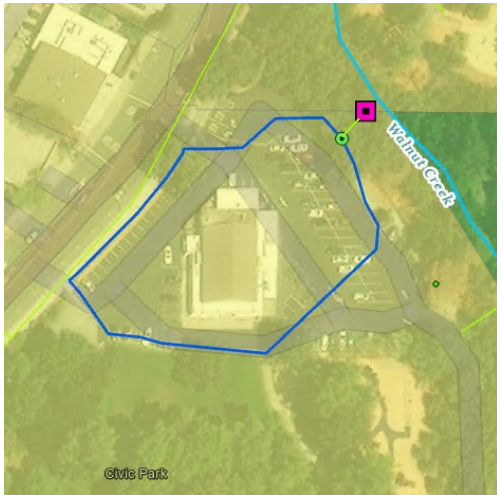
- Grant Awarded!
- Reid (C/CAG) and the grant writing team are preparing the final forms and required information for EPA (e.g., workplan and revised schedule) to start the award process in their grants database. The deadline is March 15, but the Team may ask for an extension.
- Grant agreement process takes about one month.
- \$3,366,000 EPA + \$3,366,000 Match
- Project Team solicitation and selection in Spring/Summer 2023

Update on Outfall Selection

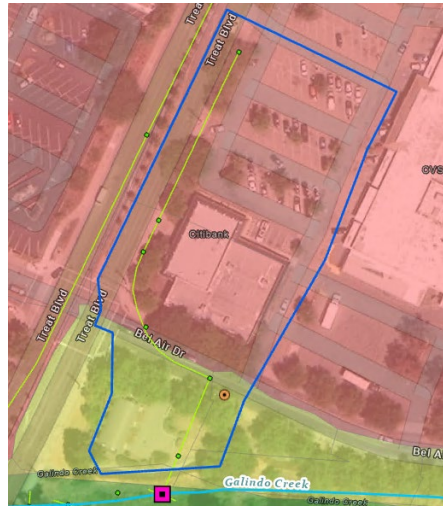
Site ID	Location	Treatment Area (ac)	Treatment Type	Outfall
5	Drainage to Walnut Creek, east of Civic Park Parking lot	1.0	Basket	15-inch RCP
4B	Drainage to Galindo Creek south of Bel Air Drive, Concord	2.0	CPS	18-inch RCP
4A	Drainage to Grayson Creek north of Center Ave, Pacheco	3.9	Basket/CPS	18-inch CMP

– Next Steps – connect with City of Concord

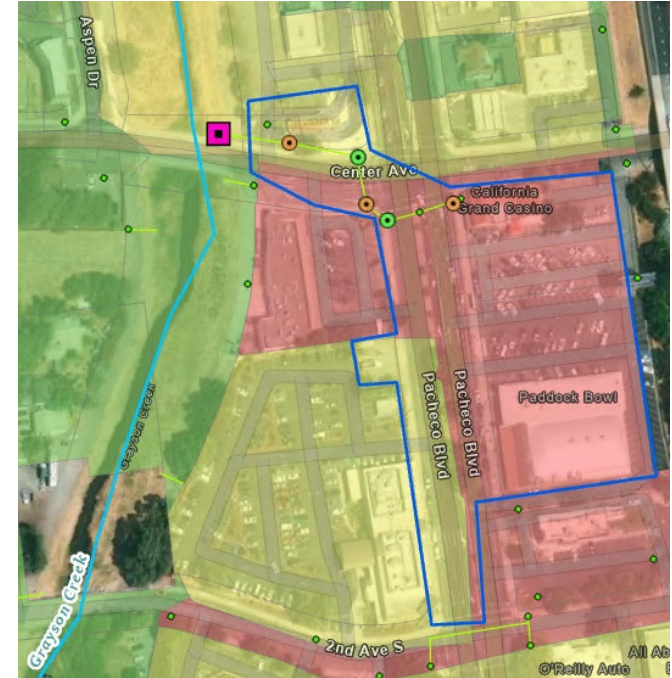
Trash Monitoring Update



Civic Park, Walnut Creek
(Walnut Creek)



Bel Air Drive, Concord
(Galindo Creek)



Center Ave, Pacheco
(Grayson Creek)

Legend



Outfall



Catch Basins



Storm Drain Mains



Creek



Trash Capture Device Drainage Area



Basket



CPS - Connector Pipe Screen

2009 Baseline Trash Generation Rate



Low



Moderate



High

Trash TAG Meeting #1

- March 15, 2-5p (overlaps with Management Committee)
- Meeting Facilitator: Chris Sommers, EOA
- TAG Members:
 - Ted VonBitner (WSP)
 - Dawn Petschauer (City of Pasadena)
 - Tony Hale (SFEI)
 - Shelly Moore (Moore Institute of Plastic Pollution Research)
 - Tom Mumley (RWB)
- TAG honorarium is \$3k/year for 2 years and then \$2k/year

TAG Agenda Overview

1. TAG Purpose and Scope
2. MRP Goals and Requirements
3. Proposed Monitoring Approach
4. County-Specific Monitoring Locations
 - **CCCWP Presenters: Kevin Lewis/Christian Kocher (KEI)**
5. Action Items and Next Steps



Trash Monitoring - Schedule

- March 15 – TAG Meeting #1
- Mid May – Draft Monitoring Plan and QAPP
- Late May – TAG Meeting #2
- Mid June – Comments due (Permittee and TAG)
- Mid July – CCCWP Committee Approval
- July 31 – Final Monitoring Plan and QAPP to RWB

- *Regional Project for the QAPP @ \$20,000 (CCCWP @ \$4,330)*
- *One regional Monitoring Plan and an appendix with how each Program got to its locations (regional project being drafted)*

LID Monitoring Update

Topics Covered

- Updates on Draft LID Monitoring Plan and QAPP
- Updates on Site Selection
- LID TAG Meeting #2 on March 21st, 9 to noon

Updates on Draft LID Monitoring Plan and QAPP

- Regional Project for the QAPP @ \$20,000 (CCCWP @ \$4,330)
- AMS/KEI developed LID Monitoring Plan template – programs added site-specific information
- Proposed sites changed since TAG Meeting #1 (based on TAG discussion and feedback)
- February 15: Site visit to new locations in El Cerrito

Updates on Site Location: El Cerrito

- El Cerrito Green Streets Rain Garden (Eureka and San Pablo Ave)
 - SFEI/SFEP Monitoring Location in 2011 and 2012
 - CW4CB Monitoring Location in 2014
 - TAG encouraged CCCWP to consider this location, due to monitoring history and trends evaluation
- Ohlone Greenway Bioretention Rain Garden
 - Installed in 2014
 - No previous monitoring

El Cerrito Green Streets Rain Garden, San Pablo Ave



Slide #15
Credit: KEI, Draft LID Monitoring Plan, 2023

El Cerrito Green Streets Rain Garden, San Pablo Ave



Credit: KEI, February 2014

LID Monitoring Update



Slide #17
Credit: KEI, Draft LID Monitoring Plan, 2023

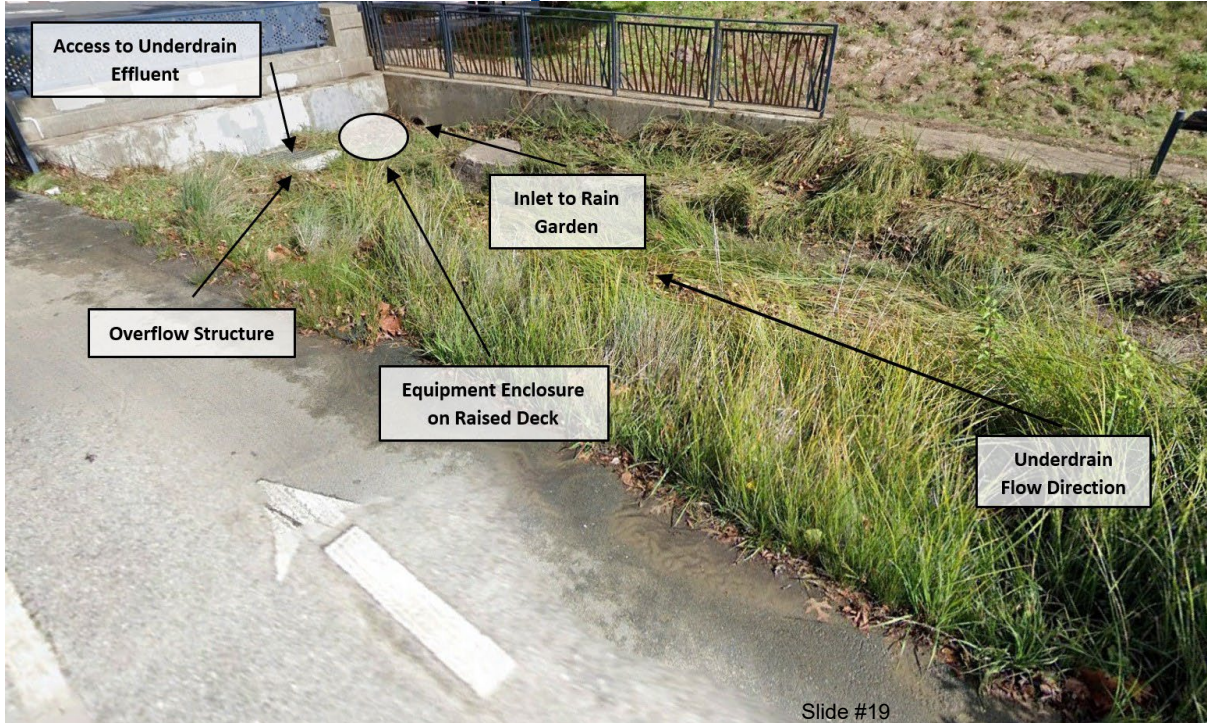
Ohlone Greenway Bioretention Rain Garden



Slide #18

Credit: KEI, Draft LID Monitoring Plan, 2023

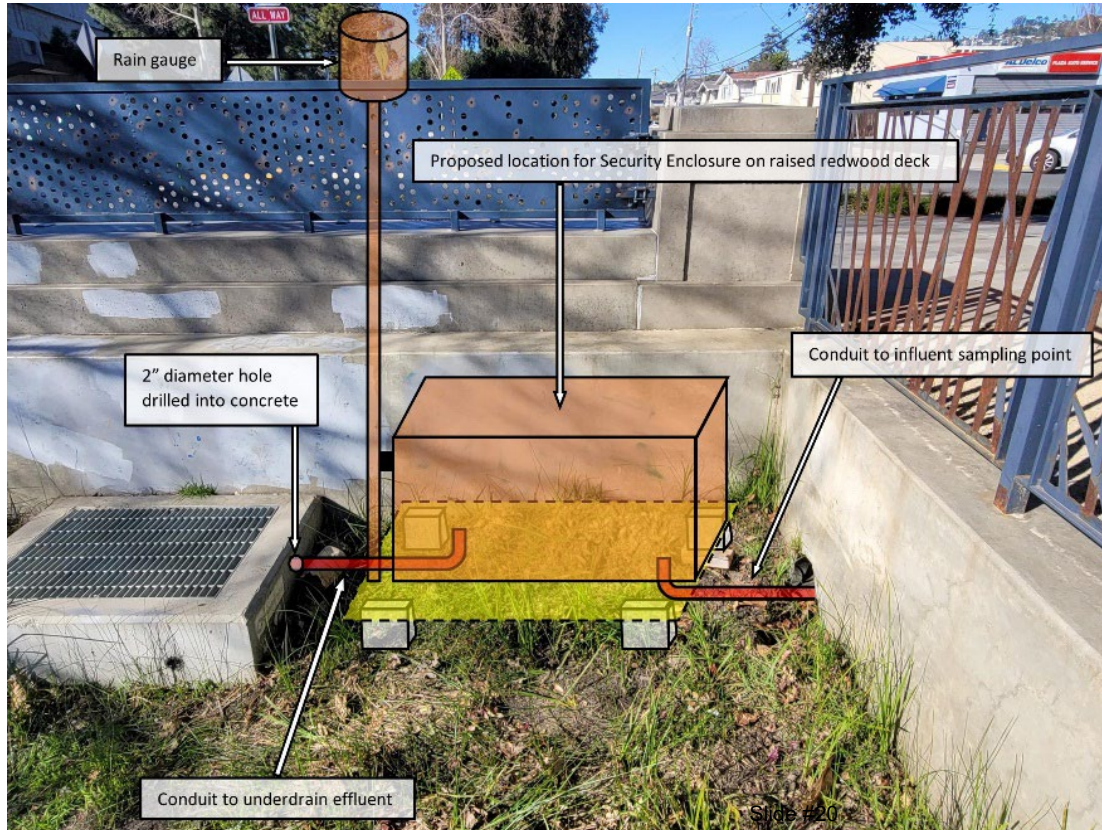
Ohlone Greenway Bioretention Rain Garden



Slide #19

Credit: KEI, Draft LID Monitoring Plan, 2023

LID Monitoring Update



LID TAG Meeting #2 on March 21st, 9 to noon

- Meeting Facilitator: Lisa Sabin, EOA
- Meeting Goal: TAG review of the LID MP and QAPP
- List of 11 focused questions to guide TAG review and stay aligned with permit requirements

LID Monitoring - Schedule

- Mid March – Prepare a memo for El Cerrito PW Director
- March 21 – LID TAG Meeting #2
- March 24 – Comments due on Draft MP and QAPP
- April 5 (or 12) – Final Draft MP and QAPP
- *April 10 – Monitoring Committee*
- April 19 – Management Committee approval
- May 1 – Submission to the RWB

Old Industrial Area Control Measure Plan

OI Control Measure Plan – Report Outline

Implement treatment controls on 664 acres within the permit term or account for mass reduction of 121 g/yr PCBs (28 g/yr mercury)

- Moderately-contaminated catchments (>0.2 mg PCBs/kg)
- Credit for FY2020-21 and FY2021-22

Treatment Options:

- Regulated Projects (Redevelopment, including Source Property abatement)
- Public Retrofit Projects with GSI or non-GSI treatment
- Full Trash Capture Devices
- Enhanced O&M
- Diversion to POTW

TABLE OF CONTENTS

List of Acronyms	i
Executive Summary	v
1 Introduction	1
1.1 Purpose	1
1.2 Background	1
1.1.1 PCBs and Mercury Total Maximum Daily Loads	1
1.1.2 Municipal Regional Permit	4
2 Old Industrial Area Treatment Control Measures	5
2.1 Redevelopment with Green Stormwater Infrastructure	6
2.1.1 Control Measure Description	6
2.1.2 Implementation Plan	7
2.1.3 Area Treated and Load Reduced	7
2.2 Retrofit with Treatment Controls or Green Stormwater Infrastructure	9
2.2.1 Control Measure Description	9
2.2.2 Implementation Plan	10
2.2.3 Area Treated and Load Reduced	12
2.3 Full Trash Capture Treatment Control Measures	13
2.3.1 Control Measure Description	13
2.3.2 Implementation Plan	13
2.3.3 Area Treated and Load Reduced	13
2.4 Enhanced Operation and Maintenance	15
2.4.1 Control Measure Description	15
2.4.2 Implementation Plan	15
2.4.3 Area Treated and Load Reduced	15
2.5 Diversion to POTW	16
2.5.1 Control Measure Description	16
2.5.2 Implementation Plan	16
3 Summary	16
4 References	17

Summary of Results

Old Industrial Area Treatment Control Measures, Area Treated, and Loads Reduced

Treatment Control Measure	Total Area Treated (acres) ¹	Total Effective Area Treated (acres)	Total Mercury Load Reduced (g/yr)	Total PCBs Load Reduced (g/yr)
Redevelopment with GSI	719	1,025	35	186
Retrofit	31	31	1.2	5.7
Large Full Trash Capture	55	16	0.6	2.7
Inlet-Based Full Trash Capture	12	3.1	0.1	0.6
Total	817	1,075	37.1	195
<i>MRP 3 Requirement</i>		664	28	121

Notes: ¹Includes acres from FY2020-21 and FY2021-22

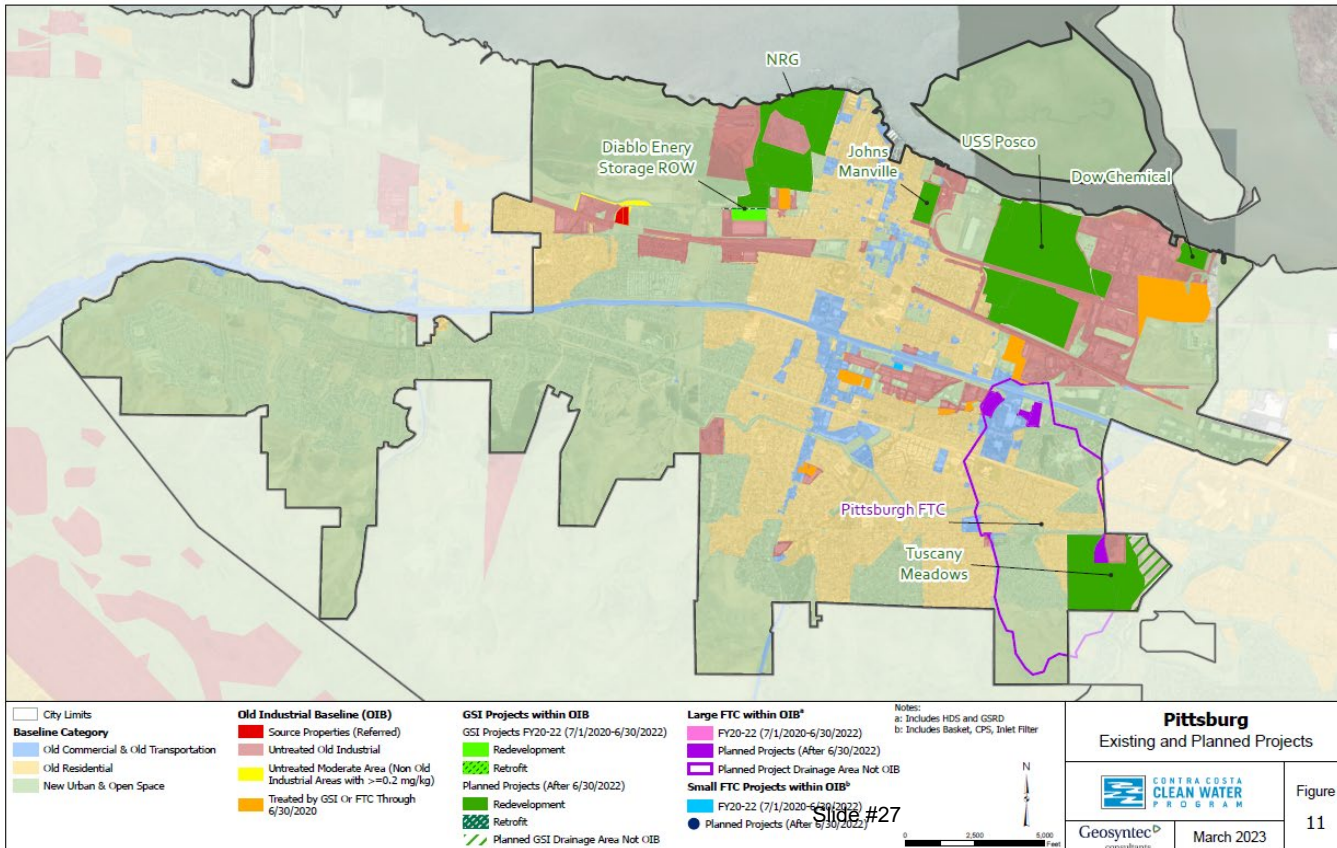
OI Control Measure Plan



Compiled redline version with responses to comments

Section	Comment	Response
Text	Address level of uncertainty in redevelopment	Added that approximately 438.5 acres (63%) of the planned redevelopment would achieve the acreage and load reduction
	Clarify calculations	Added further text description, minor apparent inconsistencies to due rounding
	Inconsistency in summary tables and Appendix A – Projected Projects (FTC)	Clarified that reported FTC area subtracts area treated by GSI.
	Discuss the source property referral and abatement program	Added
Maps	Add referred source properties	Added
	Align map colors with AGOL	Revised
	Remove non-jurisdictional areas	Take credit for as much OI area as possible. Address in the Annual Report

Revised Example Map



- March 15: Management Committee Approval
- March 31: Submittal to the RWB!

WY2022 Urban Creeks Monitoring Report

WY2022 UCMR – Report Outline

Main Report and Eight Appendices

1. LID Monitoring Status Report
2. Trash Monitoring Progress Report
3. Regional/Probabilistic Creek Status Monitoring Report
4. Local/Targeted Creek Status Monitoring Report
5. Pollutants of Concern Monitoring Report
6. East County Annual Mercury Monitoring Plan
7. POCs Receiving Water Limitations Assessment Report
8. Stormwater Monitoring Strategy for Emerging Contaminants

Acknowledgments:

Kinnetic Environmental (lead) with support from EOA, Geosyntec, and the Bay Area regional stormwater monitoring programs

Slide #30

Table of Contents

Acronyms and Abbreviations	iii
Preface.....	V
1 Introduction	1
1.1 Regulatory Context.....	1
1.2 Regional Monitoring Coalition (RMC) Overview	2
1.3 Report Organization	3
1.4 Compliance Options (MRP 3.0 C.8.a)	5
1.5 Monitoring Protocols and Data Quality (MRP 3.0 C.8.b).....	5
1.5.1 Standard Operating and Data Quality Assurance Procedures	6
1.5.2 Information Management System Development/Adaptation	6
1.6 San Francisco Estuary Receiving Water Monitoring (C.8.c).....	6
1.6.1 RMP Status and Trends Monitoring Program	7
1.6.2 RMP Pilot and Special Studies	7
1.6.3 Participation in Committees, Workgroups and Strategy Teams.....	8
2 Low Impact Development (LID) Monitoring (MRP 3.0 C.8.d).....	9
3 Trash Monitoring (MRP 3.0 C.8.e).....	11
4 Creek Status Monitoring (MRP 2.0 C.8.d / MRP 3.0 C.8.g)	13
4.1 Regional/Probabilistic Monitoring	14
4.2 Local/Targeted Monitoring	16
4.3 Toxicity, Pesticides and Other Pollutants in Sediment – Dry Weather (MRP 3.0 C.8.g).....	16
5 Pollutants of Concern Monitoring (MRP 3.0 C.8.f and C.19.d)	17
5.1 Pollutants of Concern Monitoring Report	18
5.2 East County Annual Mercury Monitoring Plan WY 2024	18
5.3 Receiving Water Limitations Assessment Report.....	19
5.4 Stormwater Monitoring Strategy for Emerging Contaminants	19
6 References	21

Appendices

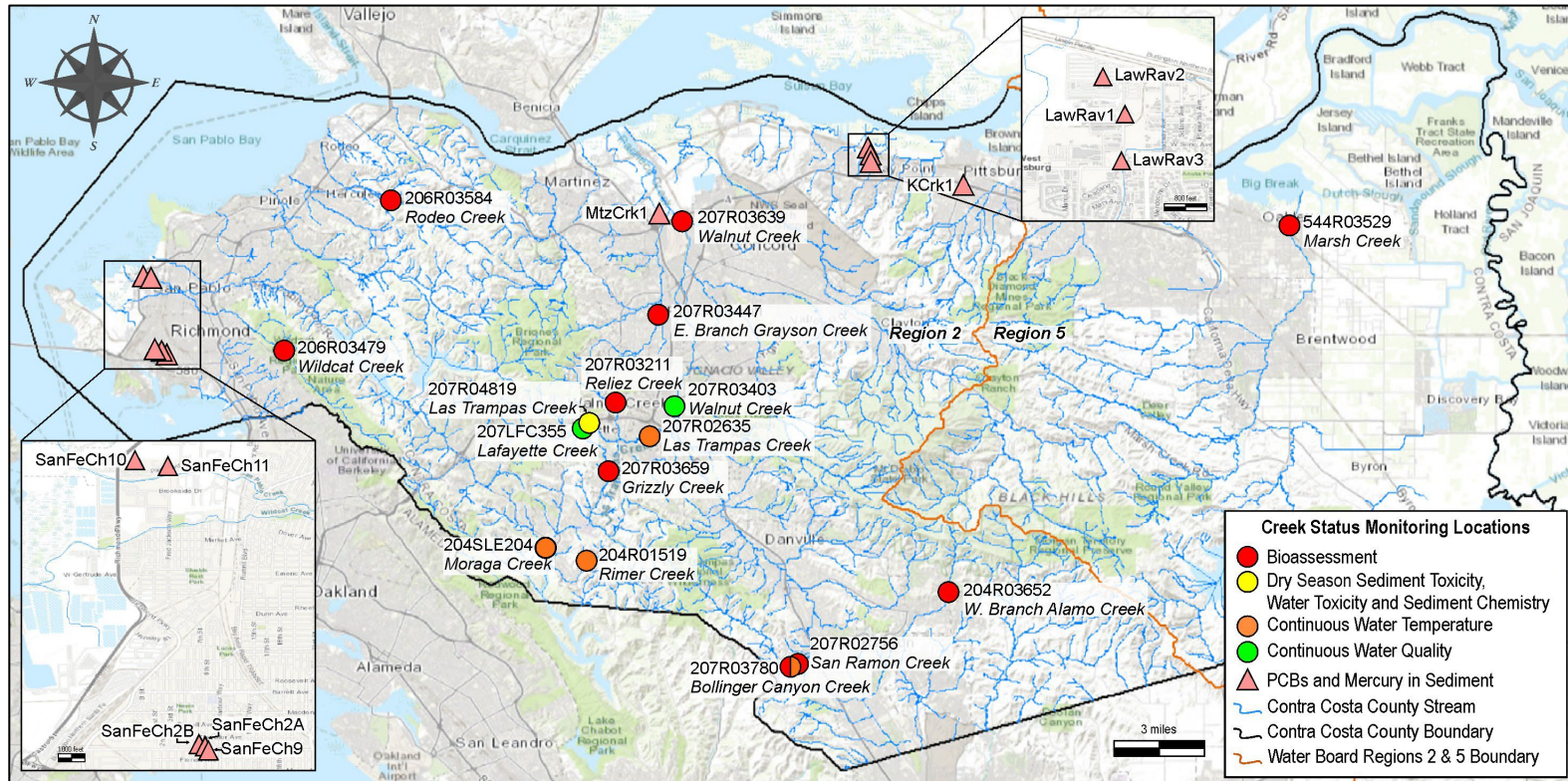
- Appendix 1: Low Impact Development (LID) Monitoring Status Report: Water Year 2022
- Appendix 2: Annual Trash Monitoring Progress Report: Water Year 2022
- Appendix 3: Regional/Probabilistic Creek Status Monitoring Report: Water Year 2022
- Appendix 4: Local/Targeted Creek Status Monitoring Report: Water Year 2022
- Appendix 5: Pollutants of Concern Monitoring Report: Water Year 2022
- Appendix 6: East County Annual Mercury Monitoring Plan: Water Year 2024
- Appendix 7: Pollutants of Concern Monitoring Plan: Water Year 2024
- Appendix 8: Regional Stormwater Monitoring Strategy for Emerging Contaminants

WY2022 UCMR – Summary of Requirements



Appendix	Notes	MRP 2	MRP 3
1. LID Monitoring Status Report	MRP 3: Summarizes planning efforts from July 1 to September 30, 2022		
2. Trash Monitoring Progress Report			
3. Regional/Probabilistic Creek Status Monitoring Report - Pesticides and Toxicity	CSM is MRP 2 requirement only P&T, MRP 2 → 3		
4. Local/Targeted Creek Status Monitoring Report			
5. Pollutants of Concern Monitoring Report	Continuation MRP 2 → 3		
6. Annual East County Mercury Monitoring Plan	Continuation MRP 2 → 3 with new subareas		
7. POCs Receiving Water Limitations Assessment Report	MRP 3		
8. Stormwater Monitoring Strategy for Emerging Contaminants	MRP 3 (<i>financial contribution to the RMP</i>)		

WY2022 UCMR – Sample Locations



- **Comments Received**
 - Editorial comments incorporated
 - Trash Monitoring Progress Report revisions
 - Incorporated comments acknowledging:
 - Permittees have implemented numerous trash capture control measures
 - Other regional (i.e., Caltrans) trash outfall monitoring efforts (though not in creeks).
 - **East County Mercury Monitoring Plan comments**
 - Aqueous methylmercury, which is annually done in July/August, was not conducted in WY2022 under MRP 2. Sampling was reprioritized and focused on MRP 3 directive, effective July 1, which required sampling during the wet season.
 - Clarified “East County” Annual Mercury Monitoring Plan
 - Minimum of eight samples will be collected and we are projected to collect 10 to have backup and address monitoring questions

- March 15: Management Committee Approval
- March 31: Submittal to the RWB!

Draft 2024 303d List

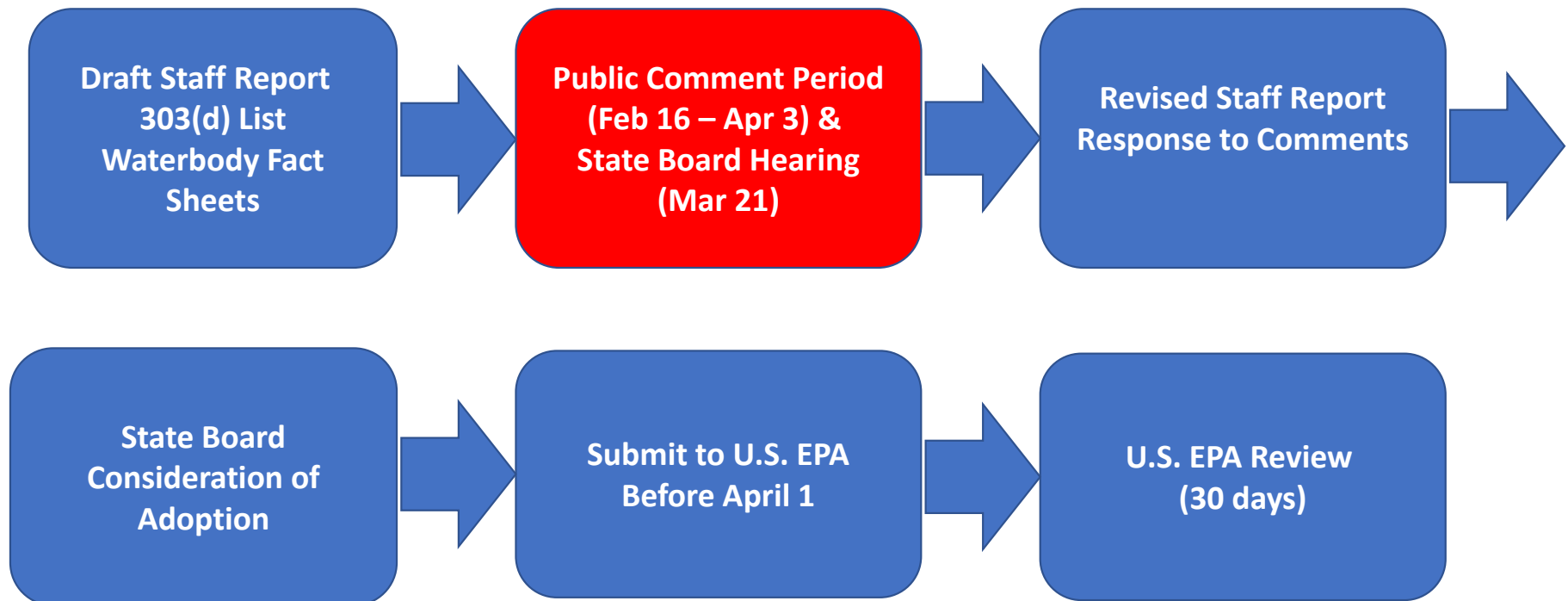
Integrated Report in Region 2

BAMSC MPC Meeting

March 1, 2023



Public Process & U.S. EPA Review



New Listings for the 2024 303(d) List

Region	2020-2022 303(d) Listings	New Listings	New De-listings	2024 303(d) Listings
San Francisco Bay	348	~ 150	0	~ 500

New listings (~150):

- About 80 covered by an existing TMDL
- About 70 will possibly require new TMDL (or other action)

All listings (~500):

- About 250 covered by an existing TMDL or other action
- About **250** will need attention (TMDL or other action)

New Listings by Pollutant Category

Pollutant Category	New Listings	Notes
Indicator Bacteria	14	2 creeks, 2 ocean beaches, remainder SF Bay beaches
Dissolved Oxygen	13	Creeks exceeding COLD 7 mg/L objective
Toxicity	12	Various creeks
Ammonia	7	Creeks exceeding Basin Plan and USEPA threshold
Various	6	Turbidity and aluminum in Stevens Creek, chloride and pH in Arroyo Las Positas, and eutrophication and pH in Arroyo Mocho
Pesticides	5	4 chlordane and 1 DDT
Temperature	3	Arroyo Las Positas and Suisun Marsh Wetlands, and Suisun Slough
Mercury	2	Fish tissue in Lake Temescal, Hennessey Lake
PCBs	2	Fish tissue in Lake Vasona and Campbell Percolation Pond
PAHs	1	Agate Beach exceeding Ocean Plan objective for water

Indicator Bacteria (14 new listings)

Listings driven by Contact Recreation use

More data needed to confirm listing (probably)

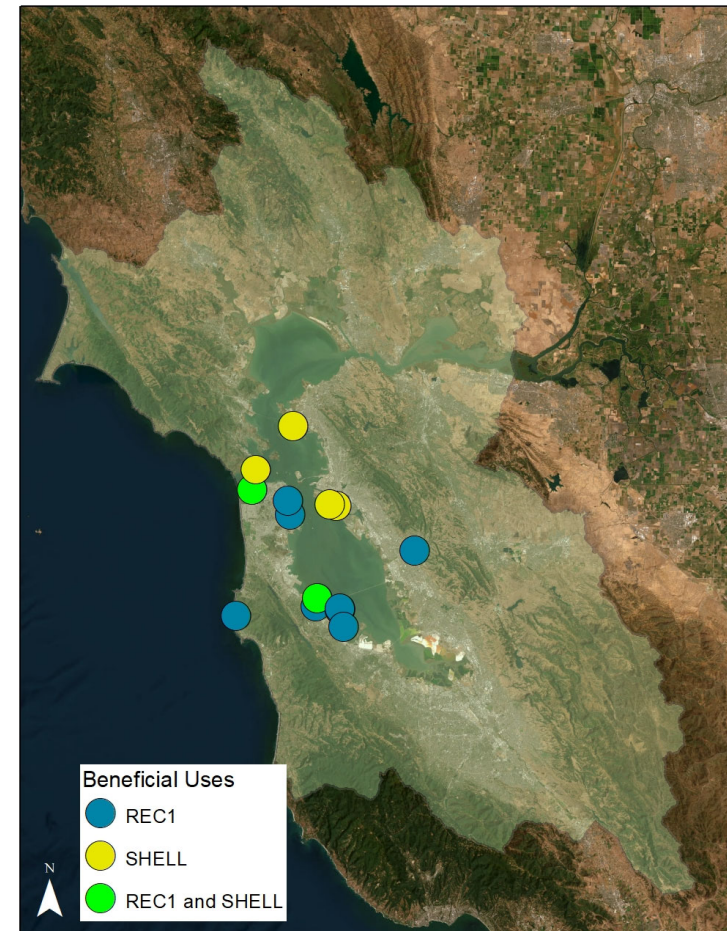
- Castro Valley Creek & Lower San Mateo Creek
- Pacific Ocean at Montara State Beach & Baker Beach

TMDL likely, probably tacked on to Bay Beaches TMDL

- Coyote Point Park, Erckenbrack Park, Gull Park, Marlin Park

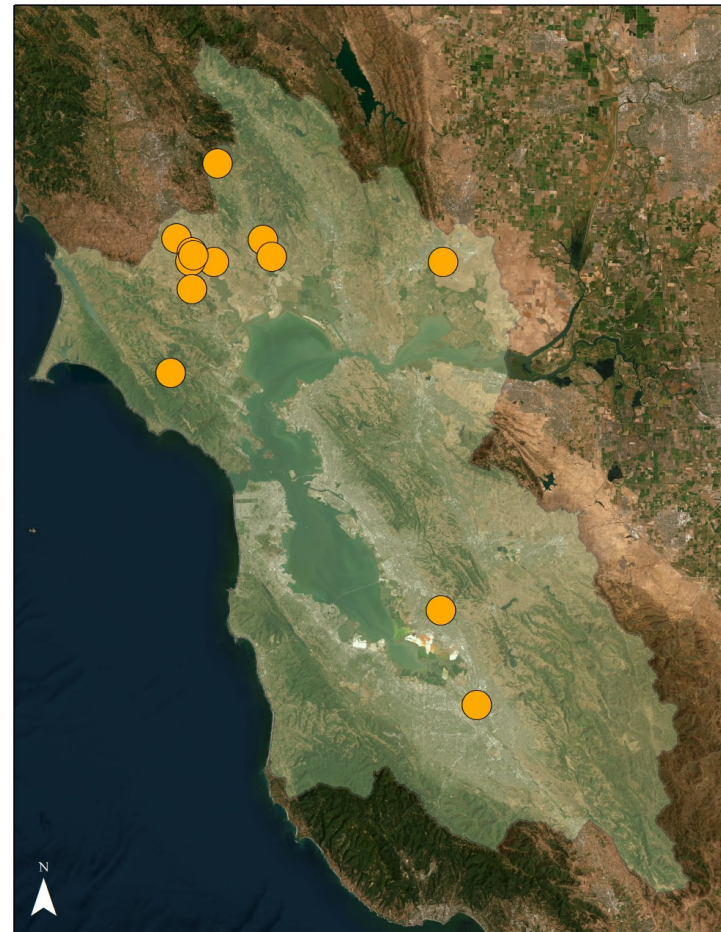
Listings driven by Shellfish Harvesting use

- Crown Beach, Encinal Beach, Fort Baker (Horseshoe Cove), Keller Beach
- Broad designation of shellfish use and stringent total coliform objective trigger listings



Dissolved Oxygen (13 new listings)

- Based on grab sample data, sometimes not a lot of data
- Petaluma River watershed
 - Petaluma River, San Antonio, Washington, Lynch, Lichau, Ellis
- Sonoma Creek watershed
 - Schell, Nathanson, Frey
- Laurel, Alameda, Coyote, San Geronimo, Lake Merritt



Toxicity (12 new listings)

- Water Toxicity

- Las Trampas, San Tomas Aquinas, Moraga, Codornices, Arroyo Mocho, Laurel (San Mateo Co.), Saratoga, Belmont (San Mateo Co.), Arroyo Seco (Alameda Co.)

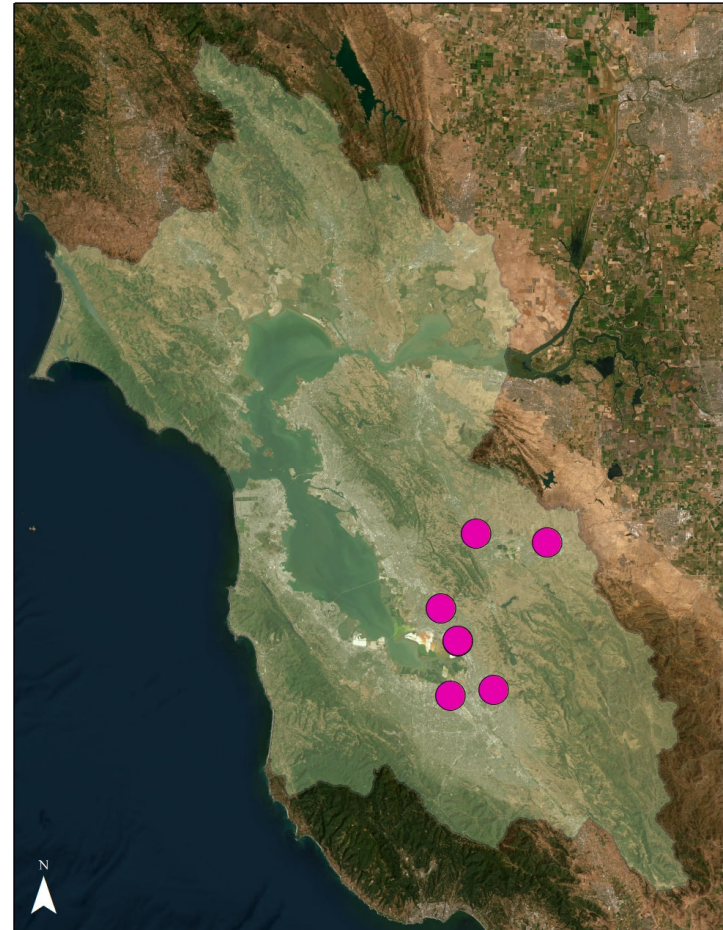
- Sediment Toxicity

- Walker, Alameda, Pilarcitos,



Ammonia (7 new listings)

- 7 listings for both un-ionized and total ammonia
- Evaluation guidelines to assess ammonia
 - R2 Basin Plan: un-ionized ammonia, annual median
 - EPA: total ammonia, monthly average
- Saratoga, Laguna, Arroyo las Positas, South San Ramon, Alameda, Arroyo Seco, Berryessa





Category 3 decisions for 2024 303(d) List

Region specific

- Bioassessment
- SF Bay Temperature

Statewide

- Microplastics
- Ocean Acidification

Insufficient data and/or information to make a beneficial use support determination but information and/or data indicates beneficial uses may be **potentially threatened**.

https://www.waterboards.ca.gov/water_issues/programs/water_quality_assessment/2024-integra7ted-report.html

DISCUSSION TIME



Contra Costa County Listings

- Bacteria (Shellfish Use): Keller Beach, Richmond
- Water Toxicity: Moraga Creek, Las Trampas Creek
- Ammonia: South San Ramon

Schedule

- Feb 16 to Apr 3: Public Comment Period
- Mar 21: State Board Hearing
- Apr 1: Submit to EPA

Link

https://www.waterboards.ca.gov/water_issues/programs/water_quality_assessment/2024-integrated-report.html

New/Old Business

- February 27: Mercury/methylmercury and BOD samples collected from Marsh Creek
 - Second event for mercury/methylmercury (three locations)
 - Third event for BOD (13 locations)



Municipal Operations Committee (MOC)
Approved Meeting Minutes
February 21, 2023

MUNICIPALITY	ATTENDED [via Web/Phone]
VOTING	
City of Antioch	Phil Hoffmeister, Jeff Cook
City of Brentwood	Melissa Barcelona
City of Concord	Bill Gallagher
Contra Costa County	Michelle Giolli (Chair)
City of El Cerrito	Stephen Prée, Christina Leard
City of Hercules	Jeff Brown
City of Martinez	A.J. Kennedy
City of Orinda	A.J. Kennedy
City of Pittsburg	Jolan Longway (Vice Chair), April Chamberlain
City of Richmond	<i>Absent</i>
City of San Pablo	Amanda Booth
City of Walnut Creek	<i>Absent</i>
NON-VOTING	
Town of Danville	Bob Russell
PROGRAM STAFF and CONSULTANTS	
Staff Augmentation	Elizabeth Yin
Program Staff	Andrea Bullock
Program Staff	Erin Lennon
GUESTS	



MUNICIPAL OPERATIONS COMMITTEE MEETING
Tuesday, February 21, 2023, 10:00 am – noon

1. Introductions/Announcements – Michelle Giolli (County, MOC Chair) welcomed the group to the Zoom call and asked for announcements. There were no announcements.

2. Approval of Minutes – Erin Lennon (Program Staff) noted edits for accuracy to the Trash Forum attachment of the January 17, 2023 Meeting Summary. In the Trash Forum presentation, regarding submittal due dates for Permittees wishing to submit a new Direct Discharge Control Plan, “4/1/23” should be changed to “4/1/24” for consistency with the MRP. A.J. (City of Martinez) moved to approve the finalized January 17, 2023 Meeting Summary with corrections. Phil Hoffmeister (City of Antioch) seconded. The Committee voted to approve.

3. Program Update – Attendees received updates on Clean Water Program activities related to municipal operations.

- *C.9 outreach letter* – Historically, CCCWP has sent an outreach letter to pest control professionals, to help Permittees to comply with MRP provision C.9.e.ii.(3). Erin notified the Permittees that CCCWP will send out the letters this year, and to expect an email soon requesting updated contact lists of Permittees’ pest control operators. A draft letter will be distributed to the MOC to review, either via email or at a future meeting.
- *C.4/C.5* – The stormwater inspections quarterly billing statements were distributed last week. Permittees will notify Erin if they did not receive the quarterly stormwater inspection billing statement and/or would like to update the point of contact for their jurisdiction. Erin is working with Central Sanitary to populate their database field for Standard Industrial Classification (SIC) Codes based on business descriptions, to meet MRP provision C.4.b.ii.(3). If a Permittee would like their SIC Code field to be populated sooner, then they may provide a list of their jurisdiction’s businesses and associated SIC Codes to CCCWP, for Central Sanitary and/or other inspection agencies to update their database.

4. 90% Trash Forum Recap and Questions – The MOC had remaining questions regarding the submittals and inclusion of offsets for compliance with the MRP 90% trash load reduction requirements. This topic has come up at BAMSC Trash Subcommittee meeting, BAMSC Steering Committee meeting, and in several other communications, but there is concern over conflicting interpretations of the requirements. Committee members would like clarity from the Regional Water Board as soon as possible. Erin will request an official statement from Keith at the Regional Water Board.

5. Regional Meetings – Attendees received updates on BAMSC regional workgroups (WGs) and meetings related to municipal operations.

- *Full Trash Capture (FTC) Impracticability Report WG* -- The WG met February 15, 2023, and discussed the status and process for finishing the Impracticability report, which is an optional report that would require EO approval by 3/31/23 (C.10.e.). Liz highlighted the importance of Permittees reviewing Section 4 of the draft report at minimum, which outlines a process and description of conditions for which it would be impracticable to install a FTC device. Comments on the report are due to Liz on Friday, and countywide comments will be sent to the WG on Monday. MOC members discussed the following:
 - Other trash control measures – Section 6 lists and describes other trash control measures that might be able to achieve FTC equivalency. It was noted that the



measures listed are already existing, and that it may be useful to include an opportunity to propose new approaches to reaching low trash generation rates.

- References - It was noted that the draft lacked Contra Costa County specific studies, citations, and examples, and that this review may be an opportunity to share those.
- Benefit – Concern was expressed regarding the potential for this report to cause more harm than benefit for Permittees. It was noted that the relationship between the Water Board and municipalities seems more strained than it has been in the past, and it was expressed that Permittees may want to reconsider their involvement in the creation of this document. It was noted that this is an optional submittal that may provide a helpful framework for some municipalities.
- Additional WG meeting – Liz will request that the WG have another meeting, since the report came out 3 weeks late and made the review time short.
- *Unsheltered BMPs Report WG* – Michelle summarized the WG meeting on January 24, 2023. It was an information-sharing meeting, including presentations from municipalities (Cities of Oakland, San Jose), countywide homeless services (Contra Costa County’s Health, Housing and Homeless Services Division), other agencies (CalTrans, Valley Water), the Regional Water Board, and the EPA. Presenters shared current homeless encampment management efforts and grant-funded projects. Contra Costa’s CORE Outreach Team presented on social outreach, connection and gaining trust with unsheltered populations, point in time data collection, and the process of offering services. One notable discussion topic included dealing with RV waste disposal. There was a new statewide homeless director who was on the call. Other topics included the MRP requirements, and the BAMSC Regional Report status.
- *BAMSC Trash Subcommittee Meeting* – The subcommittee met January 24, 2023. It was expressed that it seemed unfortunate that this meeting took place at a timeframe that overlapped with the Unsheltered BMPs Report WG meeting. Liza DeFrain is the new Chair of the Trash Subcommittee. Friends of Pinole Creek and Earth Team presented findings and community-generated recommendations from a recent community science and trash assessment partnership. Recommendations included an Adopt a Street/Spot program and more outreach efforts. Findings will be published in Community Science, an American Geophysical Union journal. Attendees asked for clarification from the Water Board on the 90% trash load reduction compliance deadline. The Water Board will speak internally and follow up with Permittees to clarify the expectations for upcoming C.10 trash load reduction submittals. Also, Permittees are welcome to share anecdotal observations with the Water Board on how large full trash capture devices in their jurisdictions performed in the recent high rain events.

6. MOC Budget FY 2023-24 – The MOC reviewed the 2nd draft MOC budget for FY 2023-24 and had no comments or edits.

7. Collecting C.17 BMP Information Discussion – The MOC discussed the collection of information for the C.17 homelessness BMPs report. Liz reviewed the C.17 requirements for the rest of this year, as well as the process for submitting and developing the regional homeless discharges BMP report. There are two main requirements in C.17, both due in September (C.17.a.iii.). First, the updated map as described in C.17.a.ii.(1), including Point in Time count locations and locations of unsheltered homeless populations. Second, the BMPs report, which will be a regional submittal incorporating data and information from the Permittees participating in the BAMSC Regional WG. MOC to review by March 10, 2023. There is a data request, and Liz will combine CCCWP data for the BAMSC Regional Workgroup.



8. C4/C5 Inspection Training Planning – MOC discussed possible topics for training municipal and inspection staff on C4/C6 requirements. Erin will put together a draft agenda based on the ideas discussed. Ideas proposed included:

- *Formats*: Case studies, Panel discussions, Presentations (e.g., MRP requirements, relevant laws/regulations), and practice scenarios (e.g., “Mock spill” to check familiarity with ERP protocol and C.5-compliance)
- *Inspection Protocols* – Mobile Businesses. Businesses only open during evenings/weekends. Inspections that cross multiple jurisdictions.
- *Inspector Challenges* – Ensuring respect and safety of inspectors and those being inspected (e.g., discharge at homeless encampment). How to avoid/deescalate hostile encounters. When and how to coordinate with local law enforcement. It was noted that Jeremy of Central Sanitary, and/or someone from EBMUD may be able to offer insights on these topics.
- *Enforcement Response Plan (ERP)* – Permittees need to update their ERPs to reflect changes from MRP 2.0 to MRP 3.0. Michelle noted that Contra Costa County has a Track Changes version of their ERP, which MOC members expressed interest in seeing. Michelle will verify that it is okay to share with the group; if yes, then Erin can distribute it via Groupsite.

9. Open Discussion – The MOC discussed topics related to MRP implementation and municipal operations. Topics included the following:

- *News article* – Erin shared a news article that Lucile Paquette of Walnut Creek had shared, regarding bioswales helping to mitigate flooding from recent storms. The article is here: <https://www.sfchronicle.com/bayarea/article/storm-flood-landscape-weather-17732016.php>
- *Trash Maps* – A.J. wanted to discuss modifying baseline trash generation maps through Psomas. He said that he/his clients have more accurate information. He also noted that Chris Sommers of EOA had modified baseline maps after 2016. A.J. spoke on this topic in the last AGOL Workgroup meeting. After consideration, CCCWP is not recommending that Permittees change their maps. However, as the coordinating contact for Psomas-related activities, Liz said that A.J.’s clients can edit their baseline maps, and they can discuss logistics separately.
- *“Adopt a Drain” Programs* – The MOC discussed the implementation of a municipal program through which volunteers may pledge to clean litter from a specific storm drain. It was asked whether there were any local references/resources for a municipality looking to implement such a program. Erin shared a link to the City of Oakland’s Adopt a Drain program website, which includes tip sheets, contact information, volunteer sign-up sheets and other resources, in English and Spanish <https://september.feature.dev.oaklandca.dev/services/adopt-a-drain>. Stephen Prée (El Cerrito) asked if any MOC attendees currently implement a municipal “Adopt a Drain” program. El Cerrito, Hercules, Orinda, Martinez, and Pittsburg do not. However, Jolan Longway (Pittsburg, MOC Vice Chair) noted that the City of Pittsburg has an “Adopt a Spot” program. Details: Participants who sign up must do a pick-up at least twice a year; they sign waiver forms; and the City provides materials and collects the bags.
- *Photos* – The recent storms may be an opportunity for local photos, which can be used in reports/presentations (e.g., impact of storms, FTC, green infrastructure, inspections training).

10. Next Steps – Comments on the Impracticability Report draft are due Monday, February 27th. The final draft version that addresses comments received will be provided by Monday, March 6th and will be considered by the Management Committee and BAMSC Steering Committee for approval.

11. Adjournment – Michelle Giolli adjourned the meeting at 12:00pm.



DEVELOPMENT COMMITTEE
Meeting Summary
Wednesday, February 22, 2023
1:30 PM-3:30 PM

Affiliation	Attended
VOTING MEMBERS	
City of Antioch	Phil Hoffmeister (Chair)
City of Brentwood	Aman Grewal
City of Clayton	Larry Theis
City of Concord	Mitra Abkenari
Contra Costa County	John Steere
Town of Danville	Bob Russell
City of Lafayette	Matt Luttrupp, Tim Clark (Vice Chair)
Town of Moraga	Bret Swain
City of Oakley	Andrew J. Kennedy
City of Pittsburg	Jolan Longway
City of Pleasant Hill	A.J. Kennedy
City of San Ramon	Roderick Wui
City of Walnut Creek	Joel Camacho
PROGRAM STAFF AND CONSULTANTS	
Program Staff	Erin Lennon
Program Consultant	Yvana Hrovat
Program Consultant	Rachel Kraai
GUESTS	
City of San Pablo	Amanda Booth

Development Committee Meeting
Wednesday, February 22, 2023
1:30 PM-3:30 PM

- 1. Introductions, Announcements, and Changes to Agenda** – Tim Clark (Lafayette, Vice Chair) welcomed the group to the Zoom call and asked for announcements. Erin Lennon (Program Staff) noted that the news article linked to in the Agenda included photos of bioswales in Contra Costa.
- 2. Approve Previous Meeting Summary** – Bob Russell (Danville) moved to approve the draft summary of the January 25, 2023, meeting. Jolan Longway (Pittsburg) seconded. The Committee voted to approve.
- 3. Program Update** – The Development Committee received a summary status of previous meeting items and discussed other Program updates:
 - *C.3.j. GI Retrofit Forum* – Erin noted that the forum is moved to August, in light of the number of reports and deliverables to review.
 - *HM Applicability Map* – There have been delays in updating this map due to technical and informational access-related issues, which are in the process of being resolved.
 - *IMP Calculator* – The Management Committee approved the budget for the IMP Calculator at the 2/15/23 meeting, and so work on this will proceed as outlined in the Scope of Work.
 - *Draft C.6 Enhanced (PCBs) Inspection-related work products* – Those who did not provide comments to Erin by Friday, 2/17/23, may provide comments to Jon Konnan at EOA and Sandy Matthews at LWA, who are compiling regional comments, by the end of the day.
- 4. Development Committee Budget Update** – The 2nd draft of the FY 2023/24 Development Committee budget was accepted at the 2/15/23 Management Committee meeting.
- 5. BAMSC C.3 Workgroups** – Erin and Yvana shared updates from regional workgroups (WGs) related to the Development Committee. These WGs examine contested MRP 3.0 provisions. Comments are still being considered for potential draft MRP amendment language. The Regional Board expects an initial public notice for amendment language in early May and for a Tentative Order in June. There will be a 30-day response to comments period, with a Revised Tentative Order scheduled for July. August 9th is the Water Board hearing with the potential to revise the MRP. Copies of any WG presentations may be provided on request.
 - *Alternative Treatment WG* – The WG met 2/22/23. The following frameworks for non-LID treatment systems (media filters) were proposed by the Regional Board, Contech, and the San Mateo County Water Pollution Prevention Program (SMCWPPP).
 - *Regional Board Proposal* –
 - Project-by-project Executive Officer (EO) approval required.
 - Must demonstrate to EO: (1) Technical Infeasibility of LID onsite or offsite; and (2) Commensurate Benefits (equal to or better than LID).
 - Non-LID treatments must be certified by a program such as Washington State’s Technology Assessment Protocol - Ecology (TAPE) Program.
 - A regional guidance document must guide project design.
 - *Contech Engineered Solutions, Inc. Proposal* –
 - No project-by-project EO approval.
 - Must meet these criteria: (1) TAPE certification; (2) Hydromodification compliance analysis in non-HM exempt areas is done regardless of

- project size; and (3) Soils are not Hydrologic Soil Group A.
 - WG attendees contested the hydromodification aspect, expressing concern that this would lead to more costly, over-sized projects.
- *SMCWPPP Proposal* –
 - No project-by-project EO approval. Instead, a regional guidance document must be approved by the EO, to guide project design.
 - Requires Commensurate Benefits via water quality urban greening and hydrology benefits.
 - Removed Water Board’s geographic limitation of only HM exempt areas.
 - Would not limit alternative treatment systems to only onsite projects; would also allow for C.3.j. retrofit projects and Regional Alternative Compliance (RAC) projects.
- *Road Redevelopment in Disadvantaged Communities (DACs) WG* – The WG met 2/6/23. There were no action items. The group has not yet agreed upon the terminology and metrics pertinent to potential revised MRP language. There are separate discussions regarding proposing revised MRP language.
 - *Terminology* – Definition of DACs, whether another term would be more appropriate (e.g., “Equity Priority Community” as used by City of San Jose). Future discussions will involve the WG agreeing upon the terminology and definitions to use in potential MRP revision language.
 - *Metrics* – In this and previous WG meetings, multiple jurisdictions outlined why Pavement Condition Index (PCI) scores would be inappropriate as a metric for MRP revisions. Reasons included the variability and confluence of issues in DACs. Zach Rokeach of the Regional Board insisted that PCI scores should be the main metric to demonstrate the needs/limitations of road redevelopment in DACs.
- *Category C/Affordable Housing WG* – The WG met 2/7/23. There were no action items. In the January WG meeting Zach had proposed a hypothetical, new Cat. C housing criteria calculation process involving a credit multiplier table, and a table for which tier of affordable housing a project would qualify for. At the 2/7/23 WG, attendees expressed that the proposed framework felt too prescriptive and impractical. Some WG attendees requested clarification on the following: Which projects qualify as “public projects”; how would emergency interim housing fit into any proposed solutions; and would this differ if funded by a municipality versus an NGO. These will be considered for the next WG meeting.

6. G.I. Design Workshop Series Agendas – Rachel Kraai (Lotus Water, Program Consultant) shared and discussed the draft agendas for the GI Design Workshop Series, which will consist of 3 workshops taking place during the last 1.5-2 hours of future Development Committee meetings, spaced approximately 2 months apart, and result in a set of GI Design Details and Specifications for CCCWP. The draft agendas were attached to the agenda packet and outlined the staff who should be invited, workshop goals, and the contents of each of the workshops. Additional notes below.

- *Invitees* – Should include any Permittee CIP staff working on GI projects (designing, engineering, or even planning/locating them), Management Committee members, and Development Committee members. Rachel will write the email language to invite CIP staff to participate in the 3-workshop series, or at least the workshop on details and specs (2nd). Attending this would help meet MRP C.3.j.(ii)(1)(d) and C.3.j.(ii)(2).
- *Workshops Overview*
 - Workshop 1 – March or April. Will include local case studies, overview of the goals, projects, lessons learned, and needs/areas for improvement.
 - Workshop 2 – May. The longest of the workshops, to discuss the details and specifications in detail, for consultants to create a draft for Permittee review. This

- process will also include updating the GI planning website.
 - Workshop 3 – July. Open-ended discussion, based on what CIP staff need. Update and status on details and specs, and status of resources webpage. Will discuss any future actions as needed (e.g., jurisdiction-specific updates).
- *Additional Thoughts*
 - John Steere (County) suggested including the integration of GI into other resilience-related efforts in the 3rd workshop, such as for transportation, schools, or urban greening projects. He noted that GI has a lot of overlap with transportation and planning tools/documents, and that GI might be linked with sustainable transportation grants.
 - Rachel asked if any Permittees had potential GI case studies that might be worth sharing at these workshops. San Pablo and Concord may have GI projects with lessons learned and long-term maintenance insights.

7. C.3 Guidebook and FAQs – The committee discussed remaining questions and updates regarding the C.3 Guidebook, 8th Edition items, which were uploaded to the Program website on 12/23/22: [Stormwater C.3 Guidebook | \(cccleanwater.org\)](https://www.cccleanwater.org).

- *Stormwater Control Plan Template* – The template was updated for consistency with the page number references and the 8th Edition Guidebook and uploaded to the website. Municipal staff have directed developers the website. Some developers may still have projects for which the 7th Edition-based documents may be relevant, and so the 7th Edition-based documents remain on the website. The versions based on the 8th Edition say “New” next to them. The Word versions will be added to the Development Committee Groupsite and may also be provided upon request. CCCWP website files are in PDF format for ADA compliance.
- *C.3 Guidebook* – Attendees discussed the two-year manufacturer warranty requirement statement on page 51 of the Guidebook (or PDF page 67). The following notes were made: the MRP does not require this; a one-year warranty is more typical; warranties tend to be tied to the developer and not the manufacturer; and warranty requirements should be at each municipality’s discretion. Yvana will replace the statement with broader language to address these notes. Erin will reupload the 8th Edition with this edit.
- *FAQs* – Yvana and the committee reviewed comments received from Walnut Creek and Frank Kennedy on the Frequently Asked Questions document. The committee discussed which materials qualified as “pervious” versus “impervious” surface, and which types of scenarios might trigger C.3 requirements. Attendees shared experiences with synthetic turf, gravel, and additional stories/roof areas. They also discussed bioretention and utility conflicts, inclusion of mesh design, and references to MRP Glossary page 3 and C.10.a.ii.(a) (page C.10-2). The FAQs are not on the website. The committee decided that some of the FAQs can be incorporated into the GI Design workshop discussions.

8. Discussion – An open discussion did not occur, due to time constraints.

9. Adjournment – Phil Hoffmeister (Antioch, Chair) adjourned the meeting at 3:34pm.



Date: April 19, 2023

To: Management Committee

From: Lisa Welsh (Geosyntec), CCCWP Consultant for Monitoring Committee

Subject: Update on the Contra Costa Clean Water Program LID Monitoring Plan and Quality Assurance Project Plan (QAPP)

Recommendation:

Accept update on the CCCWP LID Monitoring Plan and QAPP.

Background:

MRP 3 requires Permittees to conduct Low Impact Development (LID) monitoring during the permit term per specifications identified in Provision C.8.d. The purpose of this monitoring is to measure the effectiveness of LID controls. The monitoring is intended to provide information that will improve the understanding of the benefit of LID implementation on pollutant loading and hydrology of receiving waters within Permittees' jurisdictions, at different space and time scales, and inform the design, construction, operation, and maintenance (O&M) and future implementation of LID.

MRP Provision C.8.d specifies minimum monitoring requirements to assess their effectiveness by addressing two main management questions:

1. What are the pollutant removal and hydrologic benefits, such as addressing impacts associated with hydromodification, of different types of LID facilities, systems, components, and design variations, at different spatial scales (e.g., single control vs watershed or catchment scale), and how do they change over time?
2. What are the minimum levels of O&M necessary to avoid deteriorated LID facilities, systems, and components that reduce pollutant removal and hydrologic performance?

The Monitoring Plan (MP) covers sampling and analysis activities related to implementing the LID monitoring project (the Project) on behalf of CCCWP. This MP and an associated

Quality Assurance Project Plan (QAPP) were developed in collaboration with the other Bay Area Municipal Stormwater Coalition (BAMSC) Programs.

LID Technical Advisory Group (TAG):

The BAMSC LID Monitoring Workgroup recruited technical experts to serve as LID TAG members, as required by Provision C.8.d.ii. The TAG members include:

- Keith Lichten – division chief at the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB).
- Alicia Gilbreath – environmental scientist at the San Francisco Estuary Institute (SFEI).
- Dipen Patel – research engineer at the Office of Water Programs at Sacramento State University.
- Eric Strecker – professional engineer in California and Oregon and principal investigator for the International BMP Database for over 20 years.
- Michael Stenstrom – distinguished professor at UCLA Civil and Environmental Engineering Department.

The first LID TAG meeting was held on December 8, 2022; the second LID TAG meeting was held on March 21, 2023. Per Provision C.8.d.ii., the draft LID Monitoring Plan and QAPP was submitted to the TAG on March 1, 2023. The deadline for written TAG comments was March 28, 2023, although comments continued to be received through April 3, 2023. A follow-up call with the core members of the BAMSC LID Monitoring Workgroup and Keith Lichten was held on April 6 to discuss monitoring plan revisions.

Key takeaways from the TAG comments highlight the importance of assessing hydrologic function and benefits of facilities, including minimizing inlet blocking to evaluate its impact. The Monitoring Plans should maintain regional consistency while reflecting variations in designs and scales. The TAG also requested a regional synthesis of the monitoring results. They requested additional monitoring (e.g., continuous turbidity monitoring) and suggested capturing more storms at fewer sites to increase the statistical power. Furthermore, the TAG sought clarification on how the monitoring plans address Management Question #2 – what are the minimum levels of O&M necessary to avoid deteriorated facilities?

Anticipated Revisions to LID Monitoring Plans

The BASMC LID Monitoring Workgroup is coordinating a response to TAG comments and modifying the overall (i.e., regional) approach in response to TAG input, but will not address each issue raised at each location. The programs will meet permit requirements at each location and enhance monitoring at a few locations. For CCCWP, we will eliminate monitoring at the El Cerrito Green Streets location (at San Pablo Ave near Eureka Ave) and add water balance monitoring at the Ohlone Greenway bioretention facility on Fairmont Ave (Figure 1). The Ohlone Greenway facility, an unlined bioretention basin

constructed in 2014, has yet to be previously monitored. ACCWP and, potentially, SCVURPPP will investigate O&M frequency questions at co-located facilities.

Staff and the Program’s Monitoring Consultant have received approval from the City of El Cerrito to conduct monitoring at this location and are moving forward with permitting and logistics.

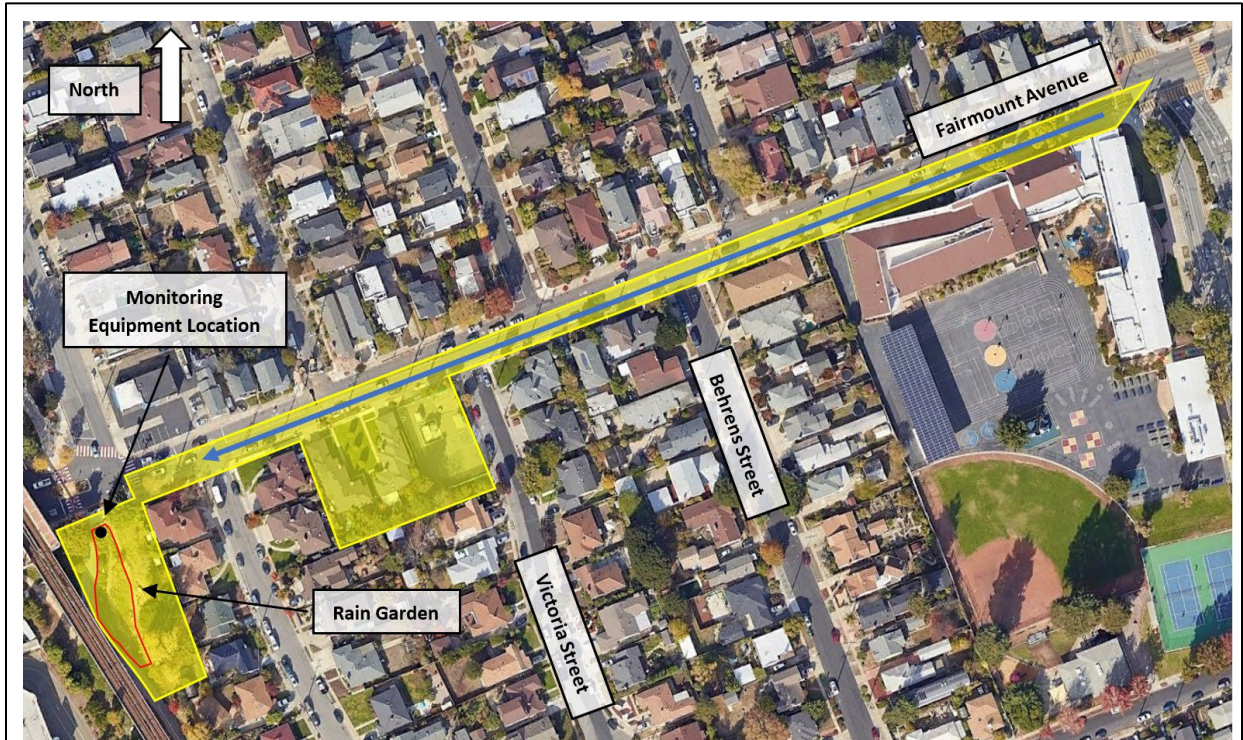


Figure 1. Ohlone Greenway Bioretention Rain Garden and Treatment Area

Schedule:

The anticipated schedule for review and approval of the CCCWP LID Monitoring Plan and QAPP includes the following:

- April 10 – a presentation and discussion of anticipated revisions based on TAG feedback were presented at Monitoring Committee.
- April 21 – the revised CCCWP LID Monitoring Plan and QAPP will be shared for Management Committee review.
- April 25 – Special Management Committee meeting to approve the CCCWP LID Monitoring Plan and QAPP.
- May 1 – submission of the CCCWP LID Monitoring Plan and QAPP to RWB for Executive Officer approval.

Fiscal Impact:

None.

Attachments:

None.



CONTRA COSTA
CLEAN WATER
PROGRAM

Date: April 19, 2023

To: Management Committee

From: Erin Lennon, Watershed Management Planning Specialist

Subject: Conditional Budget for Annual C.3 Training Workshop

Recommendation:

Approve the conditional budget for the C.3 Training Workshop for Fiscal Year (FY) 2022-2023.

Background:

Haley and Aldrich and Lotus Water drafted a Scope of Work and cost estimate to assist Contra Costa Permittees in complying with MRP 3.0 Provision C.3.a.i.(4)-(5) requirements pertaining to training staff on C.3 requirements. See MRP 3.0 language below for reference:

MRP 3.0 Provision C.3.a.i.(4)-(5)

C.3-1, page 21 of the pdf

i. Task Description - At a minimum, each Permittee shall: ...

(4) Provide training adequate to implement the requirements of Provision C.3 for staff, including interdepartmental training;

(5) Provide outreach adequate to implement the requirements of Provision C.3, including providing education materials to municipal staff, developers, contractors, construction site operators, and owner/builders, early in the planning process and as appropriate; ...

Development Committee Recommendation:

The draft Scope of Work for the annual C.3 Training Workshop for FY 2022-2023 was distributed to the Development Committee and discussed at the March 22, 2023, meeting.

Based on the attached Scope of Work and ensuing discussions at their meeting, the Development Committee is recommending that the Management Committee approve the conditional budget for the annual C.3 Training Workshop for FY 2022-2023.

Related Tasks and Next Steps:

Should the Management accept the Development Committee’s recommendation and approve the conditional budget for the annual C.3 Training Workshop for FY 2022-2023, then Program Staff will instruct Haley and Aldrich and Lotus Water to proceed with the tasks as outlined in the Scope of Work and as discussed by the Development Committee.

Fiscal Impact:

No fiscal impact. The Management Committee approved a conditional line item for \$12,000 in the FY 2022-2023 budget for the C.3 Training Workshop. Based on previous training efforts and discussions with permittees, the tasks and schedule for this work have been determined and are outlined in the attached Scope of Work. The estimated budget and schedule are summarized in the table below (Table 1). Staff recommend that Haley and Aldrich and Lotus Water proceed with the tasks as outlined in the Scope of Work.

Table 1: Estimated Budget and Schedule

Task	Haley & Aldrich Budget	Lotus Water Budget	Estimated Completion Date
Task 1: C.3 Training Materials Development and Planning	\$7,150	\$1,600	May 2023
Task 2: C.3 Training Delivery	\$2,000	\$1,250	June 2023
Total	\$9,150	\$2,850	
Sum Total	\$12,000		

Attachment:

Haley and Aldrich, and Lotus Water. March 20, 2023. “Annual C.3 Training/Workshop; Draft Scope of Work.”

Annual C.3 Training/Workshop

Draft Scope of Work (March 20, 2023)

Background

Since 2004, the Contra Costa Clean Water Program (CCCWP) has sponsored a free C.3 training each fiscal year (excepting 2016-2017 and 2018-2019). Workshops typically include an overview of C.3 requirements, implementation procedures, and design guidance in accordance with CCCWP's Stormwater C.3 Guidebook.

In response to the San Francisco Bay Region Municipal Regional Stormwater Permit (MRP 3.0, adopted May 11th, 2022) updates, which included updated Provision C.3 categories, thresholds, and Hydromodification Management (HM) requirements, CCCWP updated the Stormwater C.3 Guidebook (8th Edition) to reflect the adopted changes. Per MRP 3.0 Provision C.3.a.i. (4) and (5), require training and outreach to implement Provision C.3. Further, provision C.3.i.iii. requires annual reporting on C.3.i.-related training.

The Scope of Work detailed below covers the Annual C.3 Training that will be developed and delivered by Haley & Aldrich and Lotus Water to accomplish these requirements and relay MRP 3.0 and related Stormwater C.3 Guidebook updates. The budget and schedule for this work is outlined in Table 1.

SCOPE OF WORK:

Task 1: C.3 Training Materials Development and Planning

Haley & Aldrich and Lotus Water will develop the C.3 training materials, which are expected to cover:

- Changes to Provision C.3 (from MRP 2.0 to 3.0) and the Stormwater C.3 Guidebook (from the 7th to the 8th Edition)
- Green Infrastructure Project Identification and Conceptual Design
- Topics in LID Implementation—Panel/Audience Discussion
 - Coordinating the Design Team to Implement LID
 - Key Requirements for Construction Drawings
 - Submittals and Approvals for Bioretention Soils
 - Selecting Plants and Mulch for Bioretention Facilities
 - LID in Higher-Density Projects
- Summary and Wrap-Up

Haley & Aldrich will also assist with organization and planning of the C.3 training, which is expected to be a virtual training, similar to the training help in fiscal year 21/22. Planning is expected to include coordination with panel presenters (typically 3-4 Permittees), via CCCWP.

Deliverables:

- Draft C.3 training PowerPoint to be submitted to CCCWP for review/comments and approval.
- Final C.3 training PowerPoint, with draft comments incorporated, per CCCWP approval.

Task 2: C.3 Training Delivery

Haley & Aldrich will lead the C.3 training, with assistance from Lotus Water, anticipated to be held virtually. The training is expected to take 3 hours and the budget in Table 1 includes set up time as well as time for a follow-up staff report and post-survey responses.

Deliverables:

- Delivery of C.3 training, virtually
- C.3 Training Staff Report and post-survey responses

Assumptions:

- Training topics will generally be similar to those covered in fiscal year 21/22.
- Training will be held virtually.
- One round of consolidated CCCWP comments on the draft training materials will be addressed.

Table 1: Estimated Budget and Schedule

Task	Haley & Aldrich Budget	Lotus Water Budget	Estimated Completion Date
Task 1: C.3 Training Materials Development and Planning	\$7,150	\$1,600	May 2023
Task 2: C.3 Training Delivery	\$2,000	\$1,250	June 2023
Total	\$9,150	\$2,850	
Sum Total	\$12,000		



Date: April 19, 2023

To: Management Committee

From: Nicole Wilson, Consultant

Subject: BAMSC Regional Workgroup Cost Reporting Framework Update

Recommendation:

Review and request comments on the revised regional draft Cost Reporting framework and methodology from the BAMSC workgroup and provide comments during the review period (due back to the Regional Workgroup April 28, 2023).

Comments from CCCWP agencies to be returned to Nicole Wilson (nicolew@lwa.com) no later than COB on Friday April 21st, 2023.

Background:

MRP 3.0 Provision C.20 requires that each Permittee annually prepare and submit a fiscal analysis of the capital and operation and maintenance costs incurred to implement the MRP requirements, beginning with the 2025 Annual Report (i.e., for FY 24-25).

The BAMSC Cost Reporting Workgroup was formed to develop a regional approach to cost reporting (See attached *Cost Reporting Regional Project Profile*). The first draft of the framework and guidance manual was sent to Countywide programs for review on January 10, 2023, with comments due on February 8, 2023. The next draft of the framework and guidance manual was distributed on March 31, 2023 for Countywide program and Permittee review, with comments due on **April 28th, 2023**. The revised draft was transmitted to the CCCWP PIP and Management Committees for review on April 4, 2023.

The following updates were shared within the Workgroup and have been incorporated into the Second Draft Cost Reporting Framework and Methodology.

Summary of Changes to the First Draft Framework:

- **Framework's structure**

- Added a new tab for entering costs of Other Related Municipal Activities (e.g., street sweeping, catch basin cleaning, flood control channel maintenance)
- Added a new tab for WVCWA Program Costs
- Inclusion of activities related to cost reporting (C.20), annual reporting (C.22), and permit reissuance (C.25) under the Program Management program area. This required the following changes:
 - Deleted the separate tabs for C.20, C.22, and C.25
 - Deleted the columns corresponding to C.20, C.22, and C.25 in the General Personnel & Overhead, and General External Professional tabs
 - Deleted the separate rows for these provisions in the Cost Reporting Summary, Next Reporting's Year Budget, and the Countywide Pgm Costs tabs
- Combined C.3 and C.12 capital and O&M costs. This required the following changes:
 - Deleted "C.12 (O&M Only)" columns from the Personnel & Overhead and External Professional tabs
 - Provision C.3 tab includes text clarifying that C.12 capital and O&M costs should be included under C.3 capital and O&M costs
 - Deleted tables to enter capital and O&M costs under the "Detailed Costs" section in Provision C.12 tab
- **General Information tab**
 - Added references to new tabs
 - Updated General Instructions section
- **Cost Reporting Summary tab**
 - Included cells to fill in the Permittee Name and FY to auto-populate orange tabs
 - Costs rounded to the nearest thousand
 - Updated formatting to show that each Program area as a hyperlink
 - Added rows for Other Related Municipal Activities after "Total Expenditures for Stormwater Program" (auto-populated from new tab)
 - Revised footnotes
- **Source of Funds Summary tab**
 - Deleted column used to show dollar amounts for each source (not required)
 - Added footnote providing an example of funds shared on a regional or countywide basis
- **Next Reporting Year's Budget**

- Included two options for entering data: 1) Increase budgets by a percentage (allow a different percentage for each program area); and 2) enter a dollar amount for each program area
- Added a more general "Comments" section
- **General tabs (Personnel & Overhead, External Professional, Countywide Program Costs, and WVCWA Program Costs)**
 - Included a purpose and instructions section. This can be read by hovering over cell D4 in each general tab
- **Personnel & Overhead tab**
 - Allowed the report of costs by staff group(s) by provision
 - Included an option to enter dollar amount, instead of FTE, by provision
 - Included optional line items to report training and direct cost allocation (for the "dollar amount" option only)
- **Countywide Program Contributions**
 - Included share % per member agency for Solano and WVCWA.
 - Changed the format for the cells corresponding to CCCWP Permittees' % shares, to allow them to be entered each year.

To facilitate the review process, the BAMSC Regional Work Group is requesting the following:

1. Distribute the files (see attachments below) to other countywide program staff and permittee staff as appropriate and ask that they follow the instructions for commenting.
2. For the Guidance Manual, make edits and comments within the **clean** Word document.
3. For comments on the Framework spreadsheet, **please use the attached Word form to describe general and tab-specific comments.** Do not make comments within the spreadsheet. You may enter numbers in the white cells to test the spreadsheet functions. The red text currently in the spreadsheet represents example entries and can be deleted or changed.
4. Please compile the comments from permittees within each countywide program and send to me, Jill Bicknell, by **Friday, April 28.**

CCCWP is responsible for distributing the draft and revised draft products to member agencies and compiling the comments received and obtaining approval of the final draft products according to the schedule below (**Table 1**).

Table 1. BAMSC Cost Reporting Workgroup Schedule

Task	Deliverable(s):	Due/Completed
First Draft Framework and Methodology Distributed to Countywide Programs for Review	Draft Cost Reporting Framework and Methodology; Presentation to BAMSC Steering Committee	Week of January 9, 2023
CCCWP Permittees to discuss at 1/18 Management Committee and 2/7 PIP Committee meetings; Hilary to compile comments for submittal to BAMSC Workgroup		
Comments Due	[Countywide programs to provide compiled comments to the Workgroup]	TBD; week of February 6, 2023
Workgroup Meeting		Early February 2023
Revised Draft Framework and Methodology Distributed to Countywide Programs for Review	Revised Draft Cost Reporting Framework and Methodology	March 15, 2023
CCCWP Permittees to discuss at 4/4 PIP Committee and 4/19 Management Committee meetings; Hilary to compile comments for submittal to BAMSC Workgroup		
Comments Due	[Countywide programs to provide compiled comments to the Workgroup]	April 28, 2023
Workgroup Meeting		Early May 2023
Update BAMSC Steering Committee on Final Draft Framework and Methodology	Presentation to BAMSC Steering Committee	May 25, 2023
Provide Final Draft Framework and Methodology to Countywide Programs for Approval	Final Draft Cost Reporting Framework and Methodology	June 1, 2023
CCCWP to approve at 6/6 PIP Committee and 6/21 Management Committee meetings		
Approve Final Draft Framework and Methodology at BAMSC Steering Committee		June 22, 2023
Submit Final Framework and Methodology to Water Board	Final Cost Reporting Framework and Methodology	By June 30, 2023

Bolded items are relevant to CCCWP Permittees

Fiscal Impact:

None at this time.

Attachments:

[Summary of Changes to First Draft](#)

[Revised Cost Reporting Framework](#)

[Revised Cost Reporting Guidance Manual \(Clean and Track Changed\)](#)

[Revised Cost Reporting Framework Comment Form](#)

G:\NPDES\01_Management Committee\02_Agendas\FY 22-23\Agenda Packets\2023-04-19\MC_Mtg_04-19-2023_(11)_Staff Report on Draft Cost Reporting Framework.docx



CONTRA COSTA
CLEAN WATER
PROGRAM

Date: April 19, 2023
To: Management Committee
From: Elizabeth Yin, Program Consultant
Subject: Review the MRP 3.0 Permit Amendment Schedule and Ratify Administrative Committee Decision to reinstate the Select Committee

Recommendation:

Review the schedule for MRP 3.0 permit amendment language adoption and comment letter development. Ratify the Administrative Committee's decision to reinstate the Select Committee for the purpose of responding to the Permit Amendment process.

Background:

During the MRP 3.0 adoption hearing in 2022, the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) asked SFBRWQCB staff to report back to them at their August 9, 2023, meeting. Specific items for reconsiderations included:

- Special Category C projects.
- Roads in disadvantaged communities.
- Alternative treatment systems compliance.
- Monitoring requirements.

SFBRWQCB staff have a goal of bringing permit amendment language for Water Board Approval at the August 2023 Water Board meeting, with the potential to delay the deadline to the September 2023 Water Board Meeting.

At the March 23, 2023, Bay Area Municipal Stormwater Collaborative (BAMSC) Steering Committee meeting SFBRWQCB staff shared that they anticipate sharing drafts of the permit amendment ahead of the August 2023 Water Board meeting per the following schedule:

- April 7 – May 5: Administrative draft review by permittees.

- April 24: Meeting to discuss draft permit amendment language with permittees.
- May 24 - June 23: Water Board issues formal public notice draft.
- July 9: Water Board issues revised public draft.
- August 9: Water Board Hearing.

Other considerations discussed at the BAMSC Steering Committee include:

- Factsheets may not be completed in time for the April administrative draft review.
- While the schedule is ambitious, it may be important to finalize permit amendment language and clarify requirements due to the July 1, 2023 C.3 permit deadlines.
- The August 9 meeting will take the same approach as previous hearings with SFBRWQCB staff coordinating with permittees on the schedule and presentations.

On April 4, 2023, CCCWP staff brought this item to Administrative Committee attention and detailed the current schedule for developing permit amendment language. At the meeting, the Administrative Committee approved the decision to reinstate the Select Committee on an as-needed basis. The goal of Select Committee involvement would be to lead the Program's participation in the review and comment process for any proposed permit amendment language.

Since that meeting, the SFBRWQCB released the first administrative draft language for informal review by Permittees. Comments on the administrative draft are due to the SFBRWQCB on May 1st. In anticipation of this schedule, the Select Committee is working to produce a draft and final comment letter for Management Committee review. CCCWP Staff expect the comment letter to be available in advance of the Special Management Committee meeting on April 25th.

Schedule:

See staff report for anticipated schedule for Permit Amendment Language.

- April 21st - Draft Comment Letter for Review
- April 25th – Special Meeting – Management Committee
- May 1st – Comment Letter Submittal

Fiscal Impact:

None at this time.

Attachments:

No attachments at this time.

G:\NPDES\01_Management Committee\02_Agendas\FY 22-23\Agenda Packets\2023-04-19\MC_Mtg_04-19-2023_(12)_Staff Report MRP
3.0 Permit Amendment.docx



CONTRA COSTA
CLEAN WATER
PROGRAM

Date: April 19, 2023

To: Management Committee

From: Lisa Welsh (Geosyntec), CCCWP Consultant for Monitoring Committee

Subject: Draft 2024 303d List

Recommendation:

Accept the update on the Draft 2024 303d List.

Background:

Section 303(d) of the Clean Water Act requires each state to identify waters of the United States that do not meet, or are not expected to meet by the next listing cycle, applicable water quality standards and to prioritize those waters for development of a total maximum daily load (TMDL), unless other corrective action is appropriate. Section 305(b) of the Clean Water Act requires each state to report on the overall condition of its surface waterbodies (commonly referred to as the "305(b) report"). California combines its 303(d) lists and 305(b) reports into one "integrated report."

The State Water Board adopts the 303(d) list for California and submits it to the USEPA for approval. Neither agency takes formal approval action on the 305(b) report. The State Water Board does not solicit comments or generally respond to comments pertaining to the 305(b) portion of the California Integrated Report.

The State Water Resources Control Board released the draft 2024 California Clean Water Act Section 303(d) list for review and comment earlier this year. The draft 303(d) list contained new recommendations for listing and delisting waterbodies throughout the state, including approximately 150 new listings for San Francisco Bay – Region 2.

Schedule:

The public comment period was open from February 16 to April 3, with a State Board workshop on March 21. Richard Looker (RWB Staff) presented a summary of the new

listings for the San Francisco Bay region at the BASMC MPC meeting on March 1. The draft 303d list was discussed at CCCWP Monitoring Committee on March 13 and April 10.

Summary of New Listings in the San Francisco Bay Region and Contra Costa County:

Of the approximately 150 new listings, about 80 are covered by an existing TMDL. About 70 new listings will possibly require a new TMDL (or other action). The new listings in Contra Costa County are summarized below in Table 1.

Table 1. Summary of new 303(d) listings in Contra Costa County

Waterbody/Creek	Pollutant/Pollutant Category	Expected TMDL Completion Date¹	# of water quality exceedances	Temporal Coverage
Las Trampas Creek subwatershed (Grizzly Creek)	Toxicity/Total Toxics	2037	2	Data collected on 2014-02-26 or 2014-07-23
Moraga Creek subwatershed (Rimer Creek)	Toxicity/Total Toxics	2037	2	Data collected on 2016-07-11 or 2016-08-15
South San Ramon Creek subwatershed (San Ramon Creek)	Ammonia/Nutrients	2037	2	Data collected on 2018-05-31
Keller Beach (north, mid, and south)	Indicator Bacteria/Pathogens	2037	Many (>500)	Data collected between 2010-2020

¹Expected TMDL Completion Date is when a TMDL is expected to be completed to address the pollutant impairment, if applicable. This differs from the expected attainment date, which is the date that the TMDL is likely to result in the attainment of water quality standards for pollutant impairment, if applicable.

CASQA Comment Letter

CASQA prepared and submitted a comment letter to the State Water Resources Control Board on April 3 (Attachment 1). The six comments are:

1. Ensure that all waterbodies included in the integrated report are waters of the U.S. subject to Clean Water Act.
2. Ensure that adopted standards are used in the assessment of numeric WQOs and that the evaluation guidelines applied to interpret narrative WQOs are appropriate within a given region.
3. Ensure that all readily available data are analyzed.
4. Provide documentation of how data analyses were performed in supporting documents as opposed to presenting raw data spreadsheets.
5. Consider completeness and quality of the data set, including temporal and spatial coverage.
6. Correct errors within the proposed 303(d) list and renote the updated listings.

None of the comments specifically mentioned listings or waterbodies in Contra Costa County.

Fiscal Impact:

None.

Attachments:

Attachment 1. CASQA Comments to the State Water Board on the 2024 Integrated Report



California Stormwater Quality Association®

Dedicated to the Advancement of Stormwater Quality Management, Science and Regulation

April 3, 2023

Courtney Tyler, Acting Clerk to the State Water Board
State Water Resources Control Board
1001 I Street, 24th Floor
Sacramento, CA 95814

Submitted via email: commentletters@waterboards.ca.gov

Subject: Comment Letter – 2024 California Integrated Report

Dear Ms. Tyler:

On behalf of the California Stormwater Quality Association (CASQA), thank you for the opportunity to comment on the draft 2024 California Clean Water Act Section 303(d) list of water quality limited segments portion of the 2024 California Integrated Report (Draft 2024 Integrated Report), which includes new listing and delisting recommendations for waterbodies in the San Francisco Bay, Los Angeles, Santa Ana, Central Valley, Central Coast, and San Diego regions. We acknowledge the tremendous effort required to analyze the large volume of data and to develop and propose the listing and delisting decisions.

CASQA's primary intent and goal is to provide comments that will assist in improving the state's listing process, particularly for issues that are applicable at the statewide scale. In this particular listing cycle, our comments include issues that have been raised as concerns in prior comment letters¹. Therefore, prior to adoption of the final 2024 Integrated Report, CASQA would like to meet with Water Board staff to discuss the issues that have been raised over several listing cycles.

It is important to address these issues since inaccurate 303(d) listings of pollutant and waterbody combinations have material impacts. For example, many stormwater permits trigger additional and specific requirements for 303(d) listed waterbodies, which can range from extensive additional monitoring to additional treatment controls at various scales (on-site to regional facilities). Universally, the 303(d) list impacts prioritization processes and, therefore, the allocation of limited public resources. The 303(d) list also communicates to the public the status of California's waterways. As such, it is critical that these assessments, even in draft form, are accurate.

For the 2024 listing cycle, a total of 831 new listings and 90 delistings are being proposed. The listing process tends to focus on the new listings, yet it is equally important to highlight delistings as well. These delistings identify waterbodies that are either attaining water quality standards or are being reanalyzed with updated scientific information or water quality standards. Delistings may reflect improvements in the underlying scientific understanding of what constitutes an impairment, as well as the positive impacts of water quality programs throughout the state. It is important to acknowledge, and celebrate, those successes.

¹ CASQA Comment Letter – 2020-2022 California Integrated Report to State Water Resources Control Board, July 16, 2021.
CASQA Comment Letter - 2014-2016 303(d) List of Impaired Waters, April 26, 2017

COMMENT #1: ENSURE THAT ALL WATERBODIES INCLUDED IN THE INTEGRATED REPORT ARE WATERS OF THE UNITED STATES (WOTUS) SUBJECT TO THE CLEAN WATER ACT.

The Clean Water Act (CWA) requires each state to identify waters within its boundaries that are considered impaired for applicable water quality standards. (CWA, § 303(d)(1)(A).) The term “waters” under the CWA means “waters of the United States” or “WOTUS.” Accordingly, waterbody-pollutant listings for purposes of the CWA 303(d) list, and the 2024 Integrated Report, must necessarily be limited to a finding of impairment for a WOTUS. However, the 303(d) list inappropriately includes discharge locations or drains that are not WOTUS. Any such waterbody must be excluded and deleted from the Integrated Report as they are not subject to the CWA.

CASQA has made similar comments on past Integrated Reports. (See, e.g., CASQA Comments on the 2020-2022 California Integrated Report, July 16, 2021.) In response, the Water Boards stated that they do not make jurisdictional determinations as part of the 303(d) process and that, if a determination is made by the US Army Corps of Engineers (Corps) that a 303(d) listed waterbody is not jurisdictional, then the waterbody will be removed in a future listing cycle. CASQA disagrees with the Water Boards’ response for several reasons.

First, the statement is not accurate. By virtue of the Water Boards’ actions to include a waterbody as being impaired on the 303(d) list, they are making an affirmative finding that the waterbody is (at least presumptively) a WOTUS. Second, the Army Corps of Engineers makes jurisdictional determinations regarding administration of the CWA’s 404 program. (33 U.S.C., § 1344(d); 33 CFR Part 328.) Water quality standards and national pollutant discharge elimination system (NPDES) provisions of the CWA are administered by U.S. EPA and can be delegated to the States. (33 U.S.C., § 1251(d).) Accordingly, the Water Boards should not defer WOTUS determinations for 303(d) listing purposes to the Corps but rather determine on their own accord what waterbodies should be considered WOTUS. This is important for 303(d) purposes as well as for determining the application of NPDES permit requirements.

Further, CASQA is concerned that the Water Boards may be assuming that the existence of data in CEDEN for a specified location or a drain means that the location is a WOTUS. Data is reported into CEDEN by many entities for various purposes and not all data is associated with a WOTUS. Thus, an essential preliminary step in developing the 303(d) list and the Integrated Report is to first determine if the waterbodies for which data exists in CEDEN are in fact WOTUS. It is improper to assume that just because data is in CEDEN that the waterbody identified is a WOTUS. While we recognize that the definition of what constitutes a WOTUS is often a moving legal target, that does not remove Water Boards responsibility for making a good faith effort to include only waterbodies that are considered to be a WOTUS on the 303(d) list.

Examples of problematic listings include the following:

- Camarillo Hills Drain (Ventura County) – Toxicity (Decision ID 139091). This drain is not identified as a waterbody in the Los Angeles Basin Plan and the data used as the basis for the listing is an outfall discharging to the drain. As such, these sampling locations are part of the MS4 – this listing should be removed.
- La Vista Drain (Ventura County) – Aluminum (Decision ID 153930) and Fenpropathrin (Decision ID 152765). The La Vista Drain is an agricultural drain designed to convey excess irrigation water from agricultural lands, and as such, it is predominantly an open ditch that flows alongside W. Los Angeles Avenue and then along Santa Clara Avenue where it becomes the Santa Clara Drain. Neither La Vista Drain or Santa Clara Drain are waterbodies designated with beneficial uses in the Basin Plan or shown in the map of tributaries to Revolon Slough in the Basin Plan. This listing should be removed.

At a minimum, we are requesting that the State Water Board proactively confirm the jurisdiction of waterbodies that are identified through the public comment process as part of the storm drain system or agricultural drains prior to finalizing the list to ensure that the list is as accurate as possible.

CASQA Recommendation:

- *Ensure that proposed new waterbodies in the 303(d) List are subject to the CWA and are not portions of the MS4 or agricultural drains/channels.*
- *Confirm the jurisdiction of the waterbodies/locations specifically listed within this comment and modify the draft 303(d) List and Integrated Report as needed.*

COMMENT #2: ENSURE THAT (A) ADOPTED STANDARDS ARE USED IN THE ASSESSMENT OF NUMERIC WATER QUALITY OBJECTIVES AND (B) THE EVALUATION GUIDELINES APPLIED TO INTERPRET NARRATIVE WATER QUALITY OBJECTIVES ARE APPROPRIATE WITHIN A GIVEN REGION.

In some cases, pollutants are assessed using numeric evaluation guidelines that are not formally adopted within a Region or the selection thereof deviates from the Listing Policy. Specifically, there are many pollutants that do not have applicable numeric water quality criterion and, instead, must be assessed by interpreting an applicable narrative water quality objective with an evaluation guideline per the Listing Policy. Examples of proposed listings that are of concern are provided below.

MICROPLASTICS

The Draft 2024 Integrated Report, for the first time, includes seven (7) new evaluations for microplastics as a pollutant in Region 2 and recommends placing:

- Three waterbodies (San Francisco Bay [Lower and Central] and San Leandro Bay) in Category 3 as there are insufficient data and/or information to make a beneficial use support determination but data and/or information indicates beneficial uses may be potentially threatened; and
- Four waterbodies in Category 2 as there are insufficient data and/or information to determine core beneficial use support.

These proposed decisions are based on guidelines that are not scientifically robust enough to make a determination of potential impairment or potentially threatened, and thus do not meet Listing Policy criteria as set forth in Section 6.1.3. These waterbody placements into Category 3 and Category 2 are therefore premature. Further, their use may also imply that these microplastic evaluation guidelines are appropriate for use throughout California.

The Draft Staff Report appropriately underscores the importance of acknowledging the level of uncertainty regarding the data quality of studies used to establish a risk-based screening level for microplastics as well as the limited quality and quantity of data for the waterbodies under evaluation. Because of these challenges, it is premature to include these waterbodies within the Integrated Report, even under Category 2 or 3. Particularly concerning is the decision process for classifying a waterbody as Category 3 when the basis for the criteria itself is highly uncertain. The toxicity study protocols for evaluating microplastics are in the early stages of development and the body of curated study data are not amenable to determining the existence of beneficial use impairment (even potential impairment).

Most importantly, the presence of microplastics is not, in and of itself, an indication that microplastics are causing an impairment to aquatic organisms. The Draft Staff Report states (pg 37):

“If there was indication of impairment but there were insufficient data to determine beneficial use support (i.e., monitoring data have poor quality assurance, not enough samples in the dataset, the information alone cannot support an assessment), the waterbody was placed in Category 3. This approach was taken to prevent waterbodies with insufficient data from being classified as fully attaining standards and to indicate the need for a more thorough assessment in future monitoring programs and listing cycles.”

As stated, a Category 3 listing is defined as having insufficient data to support comparison to standards. However, in the case of microplastics, there is both insufficient environmental data and insufficient dose-response information for any single toxicological endpoint to propose an evaluation guideline. Thus, not only is there insufficient data, but

there is no formally adopted, peer-reviewed, robust scientific literature that can currently be used as an evaluation guideline. The points below highlight the reasons that the proposed evaluation guideline is premature.

- **The hazard concentration (HC5) value of 5 particles/L derived in the Mehinto et al. (2022) study² should not be used as an evaluation guideline.** The uncertainties in the results from the Mehinto et al. (2022) analysis are not adequately described and the values themselves are premature for usage in any determination of impairment or potential impairment. To obtain a larger sample size, the species sensitivity distribution (SSD) from which the HC5 was derived combines taxonomic groups, salinity gradients, study designs, and effect endpoints. Mehinto et al. (2022) pointed out key shortcomings in their approach were that key quality criteria were not applied, such as standard verification of MP exposure concentrations or chemical compositions of tested microplastics. The 95% confidence interval reported for the HC5 for food dilution is very wide (i.e., 0.4 to 219 particles per liter), yet is missing from the draft Staff Report. The threshold below the HC5 was established at 3 particles/L with a 95% confidence interval of 0.4 – 66 particles/L for food dilution which overlaps with the confidence interval for the HC5. The draft Staff Report does not provide guidance on how to delineate between the two thresholds if a field value fell within both ranges. This wide range and the lack of delineation between the proposed monitoring thresholds is a direct consequence of the limited data of sufficient quality for proper parameterization of the species sensitivity distributions that these values are based on.
- **Non-standard methods to adjust exposure-response data were applied in the derivation of an HC5.** Mehinto et al. (2022) acknowledges that regulatory frameworks favor standard “fitness endpoints”, such as growth, reproduction, and survival, although some non-standard endpoints such as changes in immune function or behavior may also be linked to fitness impairment. Mehinto et al. (2022) grouped all endpoints and examined two non-standard proxies for exposure - food dilution and tissue translocation. Specifically, to represent MP volumes that could contribute to food dilution, the raw data were “aligned and re-scaled” to convert particle counts to particle volumes based on Monte Carlo simulation methods presented by Koelmans et al. (2020). Mehinto et al. (2022) constrained the dataset to sizes in the range 1 to 5,000 µm, and applied an upper limit for particle size using prescribed “species-dependent ingestible size ranges based on mouth opening”. Novel efforts to improve the consistency in exposure-response relationships across studies by introducing data processing steps that are guided by biological plausibility (e.g., ingestible particle sizes) are likely to improve the confidence in microplastics screening levels in the long-term. However, there are currently insufficient data and independent assessments to demonstrate that these data processing steps yield improved exposure-response relationships that can be matched to real-world measurements of microplastics in waterbodies and associated aquatic organisms. Therefore, it is premature to adopt SSDs and corresponding HC5 values using this approach as a basis for Category 2 or 3 listings.
- **There is a disconnect between the types of plastics and their morphologies found in the natural environment and reported in San Francisco Bay to those that the hazard concentrations presented in Mehinto et al. (2022) were based on.** There is insufficient scientific evidence to extrapolate the hazards presented by one form of plastic particle to another (e.g., a sphere of a given size versus a fiber) for the determination of risk at environmentally relevant concentrations. For example, fibers and fragments are the predominant microplastic types found in the San Francisco Bay (Sutton et al., 2019)³, however, the data used to develop the SSD and determine the HC5 are based primarily on fragment or sphere particles, rather than fibers (Mehinto et al. 2022; Hampton et al. 2022)⁴. Therefore, there is large extrapolation uncertainty associated with applying the HC5 value to waterbodies where microplastics are primarily comprised of

² Mehinto, A.C., Coffin, S., Koelmans, A.A. *et al.* Risk-based management framework for microplastics in aquatic ecosystems. *Micropl. & Nanopl.* 2, 17 (2022). <https://doi.org/10.1186/s43591-022-00033-3>

³ Sutton, R., Franz, A., Gilbreath, A., Lin, D., Miller, L., Box, C., Holleman, R., Munno, K., Zhu, X., & Rochman, C. (2019). Understanding microplastic levels, pathways, and transport in the San Francisco Bay region.

⁴ Thornton Hampton, L.M., Lowman, H., Coffin, S. *et al.* A living tool for the continued exploration of microplastic toxicity. *Micropl. & Nanopl.* 2, 13 (2022). <https://doi.org/10.1186/s43591-022-00032-4>

fibers. Using the HC5 value derived from data that misrepresents environmental samples may lead to either over or under protection of the waterbody.

CASQA Recommendation:

- *Remove the microplastics decision IDs from the 2024 Integrated Report until there are evaluation guidelines that are scientifically robust and have been thoroughly vetted, peer reviewed, and deemed valid for the use within the Integrated Report for microplastics as a new pollutant category.*

BENTHIC COMMUNITY EFFECTS

For the water body- pollutant combinations for benthic community effects that are currently included on the 303(d) list, the Fact Sheets cite the use of the California Stream Condition Index (CSCI) as the basis for a listing and state “Sites with scores below 0.79 are considered to have exceeded the water quality objective for the aquatic life beneficial use.” These listings were included despite the fact that there is not an established water quality criteria, process or policy to assess benthic community effects throughout the state. Further, there is no regulatory document within California that defines a CSCI score of 0.79 as the threshold of impairment. Of importance and note:

- The State Water Board is in the process of developing a Biostimulatory Substances Objective and Program to Implement Biological Integrity, however this project is still underway.
- Although the San Diego Regional Water Board has adopted a Basin Plan Amendment (BPA) to incorporate a water quality objective for biological condition, this BPA is still undergoing the formal approval process and is not yet effective.

Additionally, other scientific tools and studies, such as the Algae Stream Condition Index and Bio Integrity Prediction Models, are being developed and there is no direction as to how these tools should be used, if at all, for listing purposes. As a result, there is concern that the proposed listings are premature as they are in advance of policy development, scientific tools, and data interpretation. Specifically, listing water bodies based on the CSCI in the absence of statewide guidance (which is currently under development) will likely result in statewide inconsistency and inappropriate listings.

Similar comments regarding the additional benthic community listings were previously provided in the CASQA Comment Letter on the 2014-2016 303(d) List of Impaired Waters (letter dated April 26, 2017) and in the CASQA Comments on the 2020-2022 California Integrated Report (letter dated July 16, 2021). We understand from the Response to Comments that the Water Boards determined that the CSCI meets the Listing Policy criteria as set forth in Section 6.1.3 as an acceptable Evaluation Guideline. While it may meet the standard for an acceptable guideline, the policy decision as to what CSCI scores are considered to have exceeded the water quality objective for the aquatic life beneficial use has NOT formally been made within the state and the Biological Objectives proposed for the San Diego Region have not yet been fully approved and are not yet in effect. In fact, this is a policy issue that the State Water Board Biological Integrity Program has been addressing over the past few years with no conclusion.

Therefore, we appreciate and support the decision made for this listing cycle to place new listings for benthic community effects in Category 3 “because the methodology to associate the pollutant impairment with the degraded biology is not yet developed”⁵. We agree with this statement and note that the association of the pollutant impairments to the degraded biology for all of the benthic community effects listings has not yet been defined. However, in prior listing cycles, benthic community effects listings were placed in Category 5. As such, all prior benthic community effects listings should be revised and moved from Category 5 to Category 3 until the methodology is developed.

⁵ Draft Staff Report, page 56.

CASQA Recommendation:

- *Move all Benthic Community Effects listings from previous cycles from Category 5 to Category 3*
- *Do not move any new benthic community effects listings from Category 3 to Category 5 until the State Water Board has adopted the Biostimulatory Substances Objective and Program to Implement Biological Integrity and identified a process or policy to assess benthic community effects and a methodology to determine the associated pollutants or conditions causing the impairment.*

PYRETHROIDS

For several listings, the Fact Sheets cite a Basin Plan Amendment (BPA) from the Central Valley Region - *Amendment to the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins for the Control of Pyrethroid Pesticide Discharges*⁶. This BPA established a total maximum daily load (TMDL), Conditional Prohibition and water quality control program for pyrethroid pesticides that applies specifically to discharges in the Sacramento River and San Joaquin River Basins. This BPA further established trigger values to indicate when a pyrethroid management and monitoring plan needs to be developed and implemented.

The BPA states [emphasis added]:

“The pyrethroid triggers are intended to be used to indicate when pyrethroid management plans need to be developed and management practices are to be implemented by the discharger. When the triggers are exceeded in monitoring or as part of a toxicity evaluation, the discharger may be required to initiate trend monitoring. These actions will provide information on achievability and costs to the Board to inform future evaluation of potential water quality objectives. The pyrethroid triggers are not for use as numeric water quality based effluent limitations or for reasonable potential analysis.”

Moreover, freely dissolved pyrethroid concentrations are used within the formulas to determine the acute and chronic additive concentration goal units. These trigger values were developed to consider the bioavailable fraction associated with particulate organic carbon (POC) and dissolved organic carbon (DOC). All comparisons to triggers must therefore consider the POC and DOC adjustments or otherwise use an approved method to measure filtered pyrethroid concentrations. Examples of listings where one or both of these issues occur include the following:

- All new listings / Decision IDs in Ventura County used total instead of dissolved concentrations.
- All new listings/Decision IDs in Orange County used total instead of dissolved concentrations.

As discussed in the introductory portion of our letter, there are material impacts for 303(d) listings. While we understand that the Listing Policy allows significant discretion in assessment, the 303(d) list is utilized in regulatory and permitting actions and therefore has more implications than potential future TMDL development. There is additional discretion in which Category the pollutant-water body combination is placed. Specifically, Category 3 is to be utilized where there is not enough information to determine beneficial use support but there is information that indicates that beneficial uses may be threatened. As the assessment for pyrethroids is based upon a value that requires additional monitoring, not as a determination of impairment, placing any proposed listings in Category 3 (as opposed to Category 5) is more appropriate.

In addition, we request that the Draft Staff Report and adopting resolution for the 2024 Integrated Report discuss the upcoming Urban Pesticides Amendments and note that no new TMDLs to address the pyrethroid listings will be developed until the Urban Pesticides Amendments become effective. At that point, the waterbodies will be reassessed to determine if any should be categorized in Category 4b or 5-ALT as being addressed by a program other than a TMDL.

⁶ https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/resolutions/r5-2017-0057_res.pdf

CASQA Recommendation:

- *All proposed listings should be recalculated using the POC and DOC adjustments*
- *Any listings where the recalculation exceeds the trigger value should be placed on Category 3 for further assessment*
- *Include a recognition of the Urban Pesticides Amendment within the Integrated Report and adopting resolution, noting that no new TMDLs will be developed until the UPA becomes effective.*

PESTICIDES

For several listings, Fact Sheets cite the use of an EPA Office of Pesticide Programs (OPP) Aquatic Life Benchmark as the basis for a listing. However, EPA is clear that the OPP benchmarks have been developed as a screening tool that can be used for the following⁷:

“Comparing a measured concentration of a pesticide in water with an aquatic life benchmark can be helpful in interpreting monitoring data and in identifying and prioritizing sites and pesticides that may require further investigation.” (emphasis added)

The OPP benchmarks are not appropriate for use as an interpretation of a narrative water quality objective to determine impairments. Rather, they are appropriate to determine the need for further investigation. As such, and as detailed under the comment for pyrethroids, Category 3 is the more appropriate category. Examples include the following:

- Calleguas Creek Reach 3- Dichlorvos (Decision ID 136607), Fenthion (Decision ID 136676), Naled (Decision ID 136674) the Evaluation Guideline Reference is to the OPP Aquatic Life Benchmark. This listing is solely based on the OPP benchmark.

CASQA Recommendation:

- *All proposed listings should be placed on Category 3 for further assessment*

COMMENT #3: ENSURE THAT ALL READILY AVAILABLE DATA ARE ANALYZED

As stated in the Listing Policy “*the states are required to assemble and evaluate all existing and readily available water quality-related data and information to develop the list.*” However, there are instances where datasets that were readily available within the designated timeframe for the applicable listing cycle are not assessed. Examples include the following:

- Calleguas Creek Watershed – Two years of the TMDL monitoring program data and half of the monitoring sites were not included in the integrated report assessment. All of the data were confirmed to be in CEDEN.
- Multiple watersheds in Orange County – not all CEDEN-submitted data were analyzed for listing/delisting decisions.

By not including all data that is readily available, the 303(d) list may mischaracterize water quality conditions in local receiving water bodies.

⁷ <https://www.epa.gov/pesticide-science-and-assessing-pesticide-risks/aquatic-life-benchmarks-and-ecological-risk#relationship>

CASQA Recommendation:

- *For the 2024 listing cycle - Ensure that all “readily available data” within the designated timeframe for the applicable listing cycle are included in analyses for the proposed listings.*
- *For future listing cycles - Readily available data should not only be defined as data entered into CEDEN. Broaden the definition in the Listing Policy (section 6.1.1) to include any data that has been submitted to the State or Regional Water Boards to include NPDES and TMDL monitoring data.*

COMMENT #4: PROVIDE DOCUMENTATION OF HOW DATA ANALYSES WERE PERFORMED IN SUPPORTING DOCUMENTS AS OPPOSED TO PRESENTING RAW DATA SPREADSHEETS

In order to be fully transparent and allow for an efficient public review of the new listings and delistings, all of the specific data that was used and the corresponding data analysis methodology should be fully and clearly documented within the Fact Sheets. Section 6.1.2.2 of the Listing Policy describes what must be included in the Fact Sheets, which specifically includes “*Data evaluation as required by sections 3 or 4 of this Policy*” (see Item M, page 19 of the Listing Policy). However, none of the Fact Sheets include the data calculations. Qualitative descriptions of the assessments do not comply with the Listing Policy requirements and quantitative calculations are needed in order to evaluate, and replicate, the proposed listings.

The Fact Sheets simply refer to (within the Data Reference portion) extremely large compilations of hundreds if not thousands of rows of raw data within Excel spreadsheets. In addition, there is no supplemental information or analysis provided when data was transformed by calculating a Water Effect Ratio, total to dissolved transformation, or other simple unit conversions. Thus, the reviewer is left sorting large amounts of data and spending excessive amounts of time to try to understand and replicate the analysis that was conducted by Water Board staff. Since the assessment was completed in order to determine impairment, the actual calculations need to be provided as a part of the supporting Fact Sheet.

In order to allow for a full and consistent review of the work that was completed as a part of the listing process, the Fact Sheets need to identify (at a minimum) what analysis was conducted and how it was conducted (show the work), the specific data was used, and what assumptions or deviations were made for the analysis (e.g., use of total data instead of dissolved).

Similar comments were previously made in the CASQA comment letter on the 2014-2016 303(d) List of Impaired Waters (letter dated April 26, 2017) and the CASQA comment letter on the 2020-2022 303(d) List of Impaired Waters (letter dated July 16, 2021). In response to the comment State Water Board staff responded (in part)⁸:

“The State Water Board also recognizes the value of providing detailed information when communicating quantitative analyses and assessment methodologies used during the compilation of the Integrated Report to ensure replicable data analysis.”

“A more detailed description of quantitative analysis and methodologies for all pollutants could be beneficial. As part of State Water Board efforts to improve transparency related to the assessment procedures, staff are working to communicate the details of analysis methodologies more clearly.”

While we appreciate the narrative descriptions and information provided within the Fact Sheets, we are requesting that the specific data used and the quantitative analyses that were conducted in order to make these determinations are provided as a part of the public review process. We request the specific quantitative analysis (including the specific data, calculation / assessment methodology, and any data translations or modifications) for all Decision IDs

⁸ Revised Summary of Comments and Responses, Statewide Clean Water Act Section 303(d) List Portion of the 2020-2022 California Integrated Report, Section 4.3. February 16, 2022.

included within this letter. Providing the quantitative analysis is important to ensure a public review of all proposed listing decisions.

One example of the problems associated with the reviewers not being able to assess the actual analyses that form the basis of the 303(d) list is below:

- The Pacific Ocean at Agate Beach in Marin County is proposed to be listed for Polycyclic Aromatic Hydrocarbons (PAHs) based on receiving water samples collected as part of the Areas of Special Biological Significance (ASBS) regional monitoring (Decision ID 149013). However, the supporting analyses used to make this decision is not provided. Thus, it is unclear how the Water Board used the limited dataset of individual grab samples over three sampling seasons to assess compliance with a 30-day average concentration. Of the data in CEDEN, it is also unclear which samples were used.

The following supporting information is necessary in order for the reviewer to be able to objectively assess the basis for the decision:

- The data analysis that includes summed PAHs, 30-day average values, dates of the samples used in the analysis and the specific analytes included in the sum calculations needs to be provided.

Absent this supporting information, this pollutant-waterbody combination should be included in Category 3 instead of Category 5.

CASQA Recommendation:

- *Fully document and provide for review the specific data and assessment methodology and resulting calculations used to support a listing decision in the Fact Sheets (e.g., show the work to allow for public review and replication).*
- *Absent the first recommendation, provide the specific quantitative analysis (including the specific data, calculation / assessment methodology, and any data translations or modifications) for all Decision ID's included within this comment letter.*

COMMENT #5: CONSIDER COMPLETENESS AND QUALITY OF THE DATA SET, INCLUDING TEMPORAL AND SPATIAL COVERAGE.

Data sets should be evaluated to ensure they are complete and provide both temporal and spatial coverage of the waterbody consistent with Section 6.1.5 of the Listing Policy, which describes what constitutes spatial and temporal coverage and includes the following language:

- Spatial Representation: *“samples should represent statistically or in a consistently targeted manner the segment of the water body”*
- Temporal Representation: *“Samples should be representative of the critical timing that the pollutant is expected to impact the water body. Samples used in the assessment must be temporally independent. If the majority of samples were collected on a single day or during a single short-term natural event (e.g., a storm, flood, or wildfire), the data shall not be used as the primary data set supporting the listing decision.”*

Due to the lag time between data solicitation and finalization of the 303(d) List, much of the data used for this listing cycle is at least a decade old. As such, there are many listings where the data are no longer representative of the waterbody either due to natural changes in the waterbody or due to the implementation of a pollution control program since the data were collected. The State and Regional Water Boards should make every effort to avoid listing waterbodies with old data that are less likely to be representative of the waterbody. Where more recent data exists, the newer data should be given a higher weight than the older data. Consideration should also be given to whether older data are still applicable, especially where measurement techniques and detection methods may have improved

(e.g., in cases where historic sediment toxicity listings are now known to be caused by a particular pesticide). Proposing new listings with data over a decade old may result in significant resources being used to address pollutants that are no longer problematic.

There are multiple instances where new listings were proposed that lacked spatial and/or temporal justification. Examples include the following:

- Lake Hemet – Microcystins (Decision ID 152870) listing – (temporal resolution). The listing is based on samples collected at multiple sites within the lake, but **all samples were collected on the same day and only one day of sampling was used for the listing**.
- Irvine Lake and Veeh Reservoir (Orange County) – Mercury (Decision ID 153009 and 152863, respectively). Both proposed listings are based on a single annual average value calculated based on one sample from one single station within the entire water body.

CASQA Recommendation:

- *Ensure data used to support new listings is temporally and spatially representative of the waterbody segment that is listed. Modify the listings identified above, as needed.*
- *Ensure that older data (especially data older than a decade) are not given the same weight as more recent data.*
- *Exclude data that are no longer representative of the waterbody.*

COMMENT #6: CORRECT ERRORS WITHIN THE PROPOSED 303(D) LIST AND RENOTICE THE UPDATED LISTINGS

The review of the Draft 2024 Integrated Report has resulted in the identification of several errors that need to be corrected and renoticed, as needed, based on the resolution of the error. Examples of the errors include the following (note that this list is not exhaustive):

- Incorrect monitoring location and dataset used for a proposed new listing on a waterbody
 - San Joaquin River (in Delta Waterways, southern portion) – Chloroform (Decision ID 135488) and Delta Waterways (southern portion) – Chloroform (Decision ID 150362). The samples that were used for both listing decisions come from one monitoring site (CALWR_WQX-B0D74831187) and the same reference data set (ref4948). The monitoring site coordinates are not from monitoring locations for the Delta waterways (southern portion), which are located on the portion of the San Joaquin River that runs parallel to the area between Stockton and Lathrop – this listing should be removed.
 - Coyote Creek (Orange County) – multiple listings (Decision ID 132554, 132557, 150432, 132530, 132541, 132566, and 132570). These listings were based on duplicate lines of evidence and incorrect use of these data may have resulted in erroneous listing decisions.

CASQA Recommendation:

- *Remove the listings for the Decision IDs and LOEs referenced within the comment.*
- *Conduct a full review of the monitoring locations used for the listing decisions to ensure that they are located on the designated waterbody. If a new monitoring location and corresponding dataset is identified – the proposed listing should be renoticed for a 30-day public review of the dataset and analysis prior to adoption of the 2020-2022 Integrated Report.*

Comment Letter: 2024 California Integrated Report

Thank you again for the opportunity to comment on Draft 2024 Integrated Report. If you have any questions, please contact me at (310) 462-4939 or karen.cowan@casqa.org.

Sincerely,

A handwritten signature in black ink, appearing to read 'Karen Cowan', written in a cursive style.

Karen Cowan, Executive Director
California Stormwater Quality Association

cc: CASQA Board of Directors
CASQA Executive Program Committee
CASQA Policy and Permitting Subcommittee
CASQA Monitoring and Science Subcommittee



Schedule of Committee and Subcommittee Meetings – FY 2023-24

	Conf. Room	Frequency and Time	July 2023	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. 2024	Feb.	Mar.	Apr.	May	June
Management Committee (MC)	255 Glacier Dr. Rm. A	3 rd Wednesday 1:30 - 4:30 pm	19	16	20	18	15	20*	17	21	20	17	15	19*
Subcommittees														
Administrative Committee (AC)	255 Glacier Dr. Rm. A	1 st Tuesday 9:00 am-12 noon	4*	1	5	3	7	5	2*	6	5	2	7	4
Public Information/ Participation Committee (PIP)	255 Glacier Dr. Rm. A	1 st Tuesday 9:00 am - 10:30 am (combined with AC)	4*	1	5	3	7	5	2*	6	5	2	7	4
Monitoring Committee (MONC)	255 Glacier Dr. Rm. G	2 nd Monday 10:00 am - 12 noon	10	14	11	9*	13	11	8	12	11	8	14	10
Municipal Operations Committee (MOC)	255 Glacier Dr. Rm. G	3 rd Tuesday** 10:00 am - 12 noon	18	15	19	17	21	19	16	20	19	16	21	18
Development Committee (DC)	255 Glacier Dr. Rm. A	4 th Wednesday 1:30 - 3:30 pm	26	23	27	25	22*	27*	24	28	27	24	22	26

All meetings held at 255 Glacier Drive, Conference Room A, Martinez, except for Monitoring Committee which is held at 255 Glacier Drive, Conference Room G. Any change in a meeting's location will be posted on Groupsite.

*Meeting falls on/near a holiday, etc., and may be rescheduled.

**Occasional Trash Meetings are held on the 3rd Wednesday

[Municipal letterhead]

{Date}

Karin Graves, ~~Acting~~ Program Manager
Contra Costa Clean Water Program
255 Glacier Drive
Martinez, CA 94553

Re: Management Committee Representation and Authorizations

Dear Contra Costa Clean Water Program Manager:

The following person(s) are designated to represent {City/Town name} on the Contra Costa Clean Water Program Management Committee. As such, they are my duly authorized representatives with regard to required submittals to regulatory agencies in connection with municipal stormwater NPDES permit compliance.

The following person(s) are specifically authorized to:

1. Execute the following statement to be attached to submittals made on behalf of the {City/Town name}:

"I certify under penalty of law that this document and all attachments are prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

2. Following their own review of a group submittal to be made collectively with other member agencies, direct the Manager of the Contra Costa Clean Water Program to execute a similar statement to be attached to that submittal on behalf of the {City/Town name} as one of the Program's member agencies.
3. Following their own review of a group submittal to be made collectively with other member agencies, direct the Manager of the Contra Costa Clean Water Program to

direct, in turn, the Bay Area Municipal Stormwater Collaborative, or equivalent organization, to execute a similar statement to be attached to that submittal made on behalf of {City/Town name} as one of many agencies region-wide.

You may inform staff of the California Water Boards and other regulatory agencies of this authorization.

The Program Agreement 2010 – 2025, outlining the governing rules for the Contra Costa Clean Water Program, allows each permittee to identify two duly authorized representatives to vote on the Management Committee. However, if the two duly authorized representatives are unavailable to attend and vote at a Management Committee meeting, the Program Agreement also allows permittees to send a substitute to the meeting, provided the permittee identify the substitute as a duly authorized representative in writing to the Program Manager prior to the meeting. We have the option, at this time, to designate our substitute duly authorized representative in the event our two duly authorized representatives are unavailable, which is reflected in the list below.

Duly authorized representatives:

[List names and title]

[Signed]

[Name]

[Title]

SF Bay Regional Water Quality Control Board stormwater contacts and responsibilities. Lead municipal, construction, and industrial stormwater staff work in the Watershed Management Division, managed by [Keith Lichten](#). The [Region 2 stormwater webpage](#) has information on each stormwater program area.

Municipal stormwater contacts: Municipal stormwater staff responsibilities for the [Municipal Regional Stormwater NPDES Permit \(MRP\)](#) and [Statewide Small and Non-traditional \(Phase II\) Stormwater Permit](#) are listed below by county and MRP provision. Responsibility for the TMDL provisions in the MRP is shared between staff in the Watershed Management Division and other divisions (staff contacts from other divisions are in parentheses). Public complaints and spill reports are generally assigned to staff based on the county.

[Derek Beauduy](#) – Section leader – Municipal stormwater

[Zach Rokeach](#) – Santa Clara and San Mateo Counties, and

- C.3 – New Development and Redevelopment
- C.8 – Water Quality Monitoring ([Richard Looker](#) C.8.f, C.8.h.iv.(2))
- C.9 – Pesticides Toxicity Control ([Rebecca Nordenholt](#))
- C.15 – Exempted and Conditionally Exempted Discharges
- C.21 – Asset Management

[Imtiaz-Ali Kalyan](#) – Alameda and Solano Counties, and

- C.10 – Trash Load Reduction
- C.11 – Mercury Controls (Richard Looker)
- C.12 – PCBs Controls (Richard Looker and [Selina Louie](#) C.12.e and C.12.g)
- C.13 – Copper Controls (Richard Looker)
- C.17 – Unsheltered Homelessness
- C.18 – San Mateo County Rural Roads (Planning Division contact TBD)

[Joe Monical](#) – Contra Costa County, and

- C.2 – Municipal Operations
- C.4 – Industrial and Commercial Site Controls
- C.5 – Illicit Discharge Detection and Elimination.
- C.6 – Construction Site Control
- C.7 – Public Information and Outreach
- C.16 – ASBS
- C.20 – Cost Reporting
- C.22 – Annual Reports
- SMARTS issues

[Joseph Martinez](#) – Counties in Region 2 under the Statewide Small and Non-traditional Stormwater Permit: San Francisco, Marin, Sonoma, Napa, non-MRP Solano County

- C.14 – Bacteria ([Farhad Godrati](#) C.14.b, [Alessandra Moyer](#) C.14.c, and [Barbara Baginska](#) and C.14.d)
- C.19 – East Contra Costa County Permittees
- Statewide Small and Non-traditional stormwater permit – all provisions

General MRP inquiries can be sent to the [MRP email inbox](#), though contacting Water Board staff directly by county or provision responsibilities will likely generate a faster response.

Current as of March 17, 2023

Caltrans contact:

[Qi Yan](#) – [Caltrans](#) liaison

Industrial General Permit (IGP) and Construction General Permit (CGP) contacts:

[Maggie Monahan](#) – Section leader – Statewide [Industrial](#) and [Construction](#) General Permits

CGP and IGP inquiries can be sent to the general [CGP and IGP email inbox](#)

[Devender Narala](#) – Santa Clara County, Alameda County (extending north to Union City, east to Livermore), and the City of San Ramon.

[Joe Monical](#) – Marin, San Mateo, San Francisco, and Contra Costa Counties

[Jerry Xu](#) – Napa, Sonoma, Solano, and northern Alameda Counties

Management Committee: Agenda Topics for FY 22/23: Q4

Date	Action	Key MRP Agenda Topics	Lead
19-Apr-23	Review	Final Draft LID Monitoring Plan	Lisa W.
19-Apr-23	Review	Revised Draft Cost Reporting Framework and Methodology	Nicole/Sandy
19-Apr-23	Approve	Conditional Approval of C.3 Workshop	Erin
19-Apr-23	Ratify	MRP 3.0 Select Committee for Permit Amendment Negotiations	Liz/Karin
19-Apr-23	Report	Updated SF Bay 303(d) List	L. Welsh
19-Apr-23	Update	Watershed Symposium Information Item	K. Graves
19-Apr-23	Update	Second Draft PCBs Demolition Applicant Package/Inspection Enhancement Recommendations	Lisa W.
19-Apr-23	Information	Need duly authorized representative letter and committee membership form by May meeting	Karin
19-Apr-23	Information	SF Water Board Contact Information	Karin
19-Apr-23	Information	EO Approval Process	Karin
19-Apr-23	Information	Management Committee Q4 Workplan	Liz
19-Apr-23	Information	Review meeting calendar for FY 23/24	Karin
25-Apr-23	Approve	Final LID Monitoring Plan	Lisa W.
25-Apr-23	Approve	MRP 3.0 Permit Amendment Administrative Draft Comment Letter	Karin
17-May-23	Presentation	Annual Report changes from prior year	Liz
17-May-23	Approve	Final PCBs Demolition Applicant Package/Inspection Enhancement Recommendations	Sandy
17-May-23	Approve	Management Committee Chair and Vice-Chair, committee membership rosters, master chart	Liz
17-May-23	Approve	Conditional Approval of Homeless Mapping Budget	Liz
17-May-23	Report	Quarterly status report on grant opportunities	Sandy
17-May-23	Information	AGOL entry request: Watershed Mgmt Areas Control Measures Loads Reduction Annual Report	Geosyntec
17-May-23	Information	Prepare Administrative Committee membership chart for FY 23/24	Karin
17-May-23	Information	SUA Disbursements #2 For Approval	Andrea
17-May-23	Information	C.3 and C.17 Mapping requirements	Liz
21-Jun-23	Presentation	Status of Alternative Compliance System project?	A. Booth/Karin
21-Jun-23	Presentation	Annual Report update, information provided by staff for filling out Annual Report	Liz
21-Jun-23	Presentation	Annual Review/Update of website pages and waste disposal information	Karin
21-Jun-23	Presentation	Update on Strategic Staffing Plan	Karin
21-Jun-23	Presentation	Draft Stormwater Funding Options Report Phase 2	Mitch
21-Jun-23	Approve	Final Draft Cost Reporting Framework and Methodology	Nicole/Sandy
21-Jun-23	Review	Draft Regional Unsheltered Homeless BMP Report	Liz
21-Jun-23	Report	Quarterly status report on grant opportunities	Sandy
21-Jun-23	Update	Draft Trash Monitoring Plan	Lisa W.
21-Jun-23	Information	Request permittees submit documentation of # of PCBs in Buidling Demo applicable structures	Geosyntec
21-Jun-23	Information	CASQA quarterly meeting registration request	Andrea
21-Jun-23	Information	Brochures Update	Nicole W/Karin