

Technical Review Committee

Wednesday September 16, 2026 at 9:00 AM – 3:15 PM

Hybrid Meeting

In Person: SFEI Large Conference Room

Remote Access: <https://us06web.zoom.us/j/83708684345> ; **Meeting ID:** 837 0868 4345

Dial by your location: +16699006833,,83708684345# US (San Jose)

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AGENDA

1.	Introductions and Review Agenda	9:00 AM (10 mins) Chris Sommers
2.	Decision: Approve Meeting Summary from June 23, 2026, Review/Confirm/Set Dates for Future Meetings, Confirm TRC representatives, and discuss chair selection process for 2027 <u>Scheduled meetings</u> Technical Review Committee: - Thursday December 10, 2026 - March 2027 - TBD Steering Committee: - MYP Workshop and SC meeting - November 16, 2026 - Monday January 25, 2027 Annual Meeting: - Wednesday October 21, 2026 Materials: - June TRC Meeting Summary, see pages 5-17 Desired Outcomes: - Approve meeting summary - Confirm meeting dates - Confirm WB TRC representative and alternate	9:10 AM (20 mins) Chris Sommers
3.	Information: SC Meeting Summary from August 24, 2026 Topics discussed at the August SC meeting included: - RMP Financial Update for 2026 Q2 - RMP Planning Update - Approve Special Studies for 2027 - Sediment Transport Modeling 2027 - MYP Workshop Agenda Materials: August SC Meeting Summary, see pages 18-28 Desired Outcome:	9:30 AM (15 mins) Amy Kleckner

	• Informed Committee	
4.	Information/Discussion: RMP Planning Update The RMP Manager will update the Committee with the current status on the execution of the <i>Tracking Bay Health</i> grant, hiring of new RMP staff, planning for stormwater sampling in the upcoming wet season, and fall conference participation. Materials: Slides presented at meeting Desired Outcomes: • Informed Committee	9:45 AM (30 min) Amy Kleckner
	BREAK	10:15 AM (10 mins)
5.	Information/Discussion: S&T Monitoring Update and Planning RMP manager will provide an update on the progress of 2026 monitoring efforts, as well as an update on the results from 2024 and 2025. The committee will review the design and target analyte list for 2027 monitoring efforts and any proposed changes or additions. The committee will hear from RMP scientist, Ezra Miller, on proposed ideas for future S&T toxicology study designs. Materials: Slides presented at meeting Desired Outcomes: • Informed Committee • Guidance on planning for future S&T monitoring	10:25 AM (1 hour) Amy Kleckner, Ezra Miller
6.	Information/Discussion: Rainfall Metrics & Stormwater Database Proposal Noah Rudko will present a proposal for undesignated reserve funds to develop a stormwater database as well as a preview of results of the rainfall metrics automation & ADA improvements that will be continued as part of the proposed stormwater database. Materials: Slides presented at meeting; Stormwater Database Proposal, see pages 29-35 Desired outcomes: • Informed Committee • Recommendation to the Steering Committee for funding the proposal to develop a stormwater database in 2027	11:25 AM (20 min) Noah Rudko
7.	Information: PFAS Synthesis & Strategy Diana Lin will summarize and present the forthcoming PFAS Synthesis & Strategy	11:45 AM (20 min) Diana Lin

	Materials: Slides presented at meeting Desired Outcomes: • Informed Committee	
	LUNCH	12:05 PM (55 min)
8.	Information: Progress on RMP Data Uploads and the RMP Dashboard SFEI staff will present the committee with an update on RMP data sets that have been recently uploaded to CD3 and CEDEN and progress on the development of the RMP data dashboard for mercury. Materials: Slides presented at meeting Desired Outcomes: • Informed Committee • Committee approval to proceed with plans for the RMP dashboard	1:00 PM (30 min) Cristina Grosso, Lorenzo Flores, Jay Davis
9.	Discussion: Communications Update Discuss progress on the 2026 RMP Pulse. Move toward finalizing the 2026 Annual Meeting agenda. Update on implementation of the Communications Strategy. Materials: Slides presented at meeting; Draft Plain Language Summary, pg 36 Desired Outcomes: • Feedback and input from Committee • Finalize Annual Meeting agenda and select moderators	1:30 PM (30 min) Jay Davis, Sierra Garcia
10.	Discussion: Multi-Year Planning Workshop Priorities Materials: Slides presented at meeting Desired Outcomes: • Priority agenda items for MYP workshop	2:00 PM (15 min) Jay Davis
11.	Information: Status of Deliverables and Action Items Materials: Deliverables and Action Item Reports & draft slides, see pgs 37-50 Desired outcome: • Informed Committee • Feedback on progress and due dates	2:15 PM (15 min) Amy Kleckner
12.	Information: PCB TMDL Studies 2027 and proposed El Niño Hg Monitoring The RMP Lead Scientist will summarize the plan under development by the PCB workgroup for use of Tracking Bay Health funds to support PCB monitoring studies to inform the PCB TMDL revision in 2028. Discussion will provide an opportunity for the TRC to ask clarifying questions. Lester McKee will present proposed Hg monitoring studies for Water Year 2027 one that leverages existing plans for PCB Stormwater Monitoring and an event based study to monitor Hg at the Guadalupe River during the forecasted El Niño	2:30 PM (35 min) Jay Davis, Lester McKee

	Materials: Slides presented at meeting Desired Outcomes: • Informed Committee	
13.	Discussion: Plan Agenda Items for Future Meetings Desired outcome: • Identify future agenda items	3:05 PM (5 min) Jay Davis
14.	Discussion: Plus/Delta	3:10 PM (5 min) Chris Sommers
	ADJOURN	3:15 PM

Recently Completed RMP (and RMP-related) Reports/Products

Mahony, A. K., Lu, Z., Mendez, M. A., Sutton, R., McNamara, P. J., & Arnold, W. A. (2026). Deciphering the impact of wastewater treatment plants from other inputs on quaternary ammonium compounds (QACs) in surface waters and sediments. *Environmental Science: Processes & Impacts*, 28(7), 2078–2091. <https://doi.org/10.1039/d6em00294c>



Bay RMP Technical Review Committee Meeting

June 23, 2026

Meeting Summary

Attendees

TRC Member	Affiliation	Representing	Present
Jamie Rose Sibley Yin	US Army Corps of Engineers	USACE	Y
Alicia Chakrabarti	EBMUD	POTW	Y
Tom Hall	EOA, Inc.	POTW	Y
Samantha Engelage	City of Palo Alto	POTW	N
Heather Peterson	City and County of SF	CCSF	N
Simret Yigzaw	City of San Jose	City of SJ	Y
Bridgette DeShields*	Integral Consulting	Refineries	Y
Chris Sommers	BAMSC (EOA, Inc.)	Stormwater	Y
Shannon Alford	Port of San Francisco	Dredgers	N
Richard Looker	SF Bay Regional WQCB	Water Board	Y
Dan Hossfeld	US EPA	US EPA-IX	Y
Aundi Mavoli	Baykeeper	NGOs	N

* Chair, alternates in gray and italicized

Staff and Others

- Jay Davis – SFEI
- Amy Kleckner – SFEI
- Sierra Garcia – SFEI
- Alicia Gilbreath – SFEI
- Michelle Azurin – SFEI
- Adam Wong – SFEI
- Don Yee – SFEI
- Rebecca Sutton – SFEI
- Emily Corwin – SFEI
- Sasha Mariniuk – SFEI
- Matthew Heberger – SFEI
- Kelly Moran – SFEI
- *Kat Ridolfi - Integral Consulting*
- Tom Mumley – Retired
- *Gerardo Martinez – SFBWQCB*
- *Bryan Frueh – City of San Jose*
- Paul Salop – AMS

1. Introductions and Review Agenda (00:00:00)

Attendees introduced themselves, representing various entities including the Water Board, SFEI, and dischargers. The committee reviewed and approved the meeting agenda without modifications.

Jay Davis of SFEI recognized the retirement of Richard Looker from the San Francisco Bay Regional Water Quality Control Board. Since joining the RMP in 2000, Richard played a key role in drafting management questions, reviewing technical documents, and updating contaminant reports. He also established a succession plan by preparing Gerardo to take over his role. Many TRC members and SFEI staff thanked Richard for his contributions over the years.

2. Decision: Approve Meeting Summary from March 25, 2026, Review/Confirm/Set Dates for Future Meetings (00:11:56)

Bridgette DeShields requested comments on the meeting summary from the March 25, 2026 meeting. Amy Kleckner noted that the draft meeting summary was generated using artificial intelligence. Michelle Azarin explained that, to create the meeting summary, she cleaned typographical errors from the transcript, ran it through Gemini to generate a draft, and subsequently reviewed the draft alongside the meeting recording to verify details. Michelle stated that this workflow required less mental effort and less overall time to complete than traditionally draft meeting summaries. However, she warned of inaccuracies in the AI draft and emphasized the importance of human quality assurance during the process.

Following this discussion, the committee voted unanimously to approve the March 25, 2026 meeting summary.

The committee reviewed the upcoming meeting schedule, confirming the next meeting on September 16, 2026. Bridgette noted she would be out of the country for this meeting and that Kat would attend in her place. The committee agreed to schedule the December TRC meeting on Thursday, December 10, 2026.

Decisions

- **Approved:** The meeting summary from March 25, 2026 was approved without changes.
- **Meeting Date Confirmed:** Confirmed the next TRC meeting for September 16, 2026.
- **Meeting Date Set:** Scheduled the December TRC meeting for Thursday December 10, 2026.

3. Information: SC Meeting Summary from April 13, 2026 (00:21:21)

Amy Kleckner presented the Steering Committee meeting highlights from April 13, 2026. Please refer to the [2026-04-13 Bay RMP SC Meeting Summary](#) for more information.

4. Information: RMP Planning Update (00:34:20)

Amy Kleckner presented the RMP planning update, stating that the Tracking Bay Health (TBH) grant received its final allotment in March 2026, bringing the total planned for the RMP to \$23.5 million and a no-cost extension through September 2031. For 2027, the special studies budget is approximately \$2.7 million, combining RMP core funds and TBH funds, followed by approximately \$2.5 million annually for 2028, 2029, and 2030. SFEI hired Jennifer Sun and Noah Rudko to the emerging contaminants team in April 2026, and is recruiting for two environmental analyst roles, a senior scientist for the sources, pathways, and loadings team, a deputy program manager, a modeler, and a project manager. Jay Davis noted SFEI received 600 applications for the environmental analyst position, and Richard Looker stated that the San Francisco Bay Regional Water Quality Control Board is also observing high application rates.

The committee discussed whether special studies should result in peer-reviewed journal articles or technical reports. Rebecca Sutton noted that when data is already publicly available online, journals are sometimes unwilling to publish the associated manuscript, which requires holding back public reporting during the publication process. Chris Sommers observed that the Southern California Coastal Water Research Project (SCCWRP) publishes journal articles and compiles an annual technical document summarizing those works, though journals typically require exclusive access to the information. Chris stated that RMP-related technical reports are read by individuals involved in the RMP or those addressing regulatory implications, whereas novel science is better suited for journal publication. Richard clarified that the San Francisco Bay Regional Water Quality Control Board does not require a source to be a journal article rather than an RMP technical report for administrative records, such as Total Maximum Daily Loads (TMDLs) or permits.

Kelly Moran stated that the California Department of Pesticide Regulation (DPR) requires peer-reviewed journal articles before initiating regulatory pathways, whereas the California Department of Toxic Substances Control (DTSC) Safer Consumer Products program can utilize RMP reports. Richard proposed contacting both DTSC and DPR to verify their precise citation requirements for regulatory actions, noting his experience with DTSC staff utilizing RMP reports in orders. Tom Mumley stated that the primary requirement for the RMP is a timely-delivered, usable product, making peer-reviewed journal articles non-critical, though publishing benefits the professional development of SFEI staff and facilitates academic collaborations. Tom noted

that Supplemental Environmental Project (SEP) funds cannot be used for journal articles and must result in a report submitted to the Regional Water Quality Control Board.

Action Items

- **Formal Guidance:** Draft a memo outlining formal guidance to PIs on when a technical paper versus journal article should be produced as the final deliverable for an RMP special study. (Amy Kleckner & Jay Davis, due September 7, 2026)
- **Agency Communication:** Communicate with stakeholder representatives from the Department of Pesticide Regulation and the Department of Toxic Substances Control to better understand what deliverables they require to take regulatory action. (Amy Kleckner, due September 1, 2026)

5. Discussion: Presentation of Special Study Proposals Recommended by Workgroups (01:13:25)

Emerging Contaminants Workgroup (ECWG)

Rebecca Sutton presented the ECWG proposals, which included a workgroup budget increased to \$90,000 to incorporate a management strategy for non-target analysis (NTA) data, alongside a \$10,000 tire strategy allocation to wrap up and sunset the standalone tire effort. The stormwater CEC monitoring proposal is a three-year project requesting year-one funding to monitor PFAS and organophosphate esters for \$451,000. Other proposals include year two of the tire and vehicle-derived contaminants study with Ed Kolodziej for \$105,000; year three of the stormwater NTA study with Tom Young for \$156,000 that will produce a peer-reviewed manuscript; a wastewater quaternary ammonium compounds (QACs) study with Bill Arnold for \$203,000; a bay water ultra-short-chain PFAS study targeting trifluoroacetic acid (TFA) for \$140,000; year two of a PFAS in precipitation study with Marta Venier for \$62,000; and a wastewater parabens study with George Cobb for \$94,000. The bird egg CEC monitoring proposal for \$10,000 will be used to archive bird egg samples and a proposal to analyze those samples will be drafted for consideration of adding to the Supplemental Environmental Project (SEP) List. No technical objections were raised by the committee during the presentation.

Microplastics Workgroup

Diana Lin presented the Microplastics Workgroup proposals, requesting \$3,000 to supplement existing strategy funds. Diana proposed a stormwater study titled "Evaluation of Tire Wear Particles in Urban Stormwater Runoff and Method Evaluation for Other Types of Microplastics," requesting \$150,200 for the first year of a three-year, \$250,200 project. This study evaluates Laser Direct Infrared (LDIR) spectroscopy to quantify tire wear particles, microplastics, and fibers, collaborating with Barbara Beckingham and Stephanie Whitmer. The workgroup expanded the study to nine sites, prioritizing spatial coverage over sample replication. SFEI will

deliver a technical report by November 2029, and academic partners may lead a manuscript. This study leverages existing stormwater sampling infrastructure by selecting overlapping sites.

Sediment Workgroup

Scott Dusterhoff presented the Sediment Workgroup proposals, requesting \$25,000 in strategy funding to update the regional sediment monitoring and modeling workplan. Scott outlined four special studies, three of which received equal ranking from the workgroup. One of the proposals is a \$42,000 proposal led by USGS to develop a suspended sediment flux monitoring workplan at the Golden Gate by winter 2027. The other equally ranked proposals include a USGS study led by Andrew Stevens and Susan De La Cruz to evaluate benthic community recovery and sediment dispersal at Eden Landing following the Shallow Water Strategic Placement pilot for \$154,538, and an SFEI study to develop a conceptual understanding of sediment transport processes in the South Bay and Lower South Bay by fall 2028 for \$186,800. A proposal for Phase II of a wetland restoration sediment accretion in collaboration with Karen Thorne utilizing remote sensing data was ranked lower than the other three proposals but still recommended for advancement to the TRC by the workgroup. During the discussion, Tom Hall and Scott noted that the Golden Gate flux workplan has, and will continue to, coordinate with the Nutrient Management Strategy (NMS) to represent nutrient interests, while the accretion study will leverage LiDAR data from the Wetlands Regional Monitoring Program (WRMP).

Sources, Pathways, and Loadings Workgroup (SPLWG)

Alicia Gilbreath presented five storm water monitoring proposals, four of which are requesting early funding to facilitate site selection and permitting prior to the October 1 wet season. The highest ranked proposal requests \$100,000 (\$240,000 over three years) to develop discharge rating curves by collecting velocity data at county stage monitoring locations to support the Watershed Dynamic Model. The remaining proposals (in order of their rankings) include stormwater monitoring systems improvements (\$60,000); stormwater monitoring at fixed stations (\$144,000) with emphasis on collecting PCB and suspended sediment data across four storms; small automated sampler refinements (\$60,000); and a \$75,000 proposal to develop a workflow to improve watershed delineations in urban areas. Addressing the watershed delineation proposal, Tom Mumley raised concerns regarding the completeness of municipal storm drain network data. Alicia explained that the budget allocates resources to acquire data directly from cities and resolve sharing limitations with Bay Area Municipal Stormwater Collaborative (BAMSC) representatives. The workgroup also requests \$80,000 for 2027 Strategy and Program Management.

PCB Workgroup

Jay Davis presented the PCB Workgroup proposals, requesting \$20,000 for strategy funding to support more frequent, informal coordination meetings. Jay presented a \$103,000 proposal for a PCB synthesis report to compile regional monitoring data generated over the last ten years, with a final technical report scheduled for July 2028. This synthesis serves as the central deliverable to address information needs identified by the San Francisco Bay Regional Water Quality

Control Board for the upcoming TMDL revision. Jay clarified that although the core RMP planning budget for PCBs is limited, the program will utilize \$2 million in EPA grant funding to support additional technical studies leading up to the July 2028 regulatory deadline.

Funding Overview

The total requested funding for the proposed special studies exceeded the planned 2027 budget of \$2.7 million by \$189,000. Tom Mumley stated that SFEI has secured external funding for sediment and microplastics strategy tasks, reducing core RMP fund dependence. Tom also addressed the division of responsibilities between the Bay RMP and the WRMP, noting that the WRMP has acquired EPA grant funding to lead wetland-specific projects, which will allow the programs to systematically delineate funding roles while coordinating on overlapping areas.

6. Decision: Recommendation for Special Studies for 2027 (02:05:16)

Amy presented the 2027 special studies proposal table, outlining a total funding request of approximately \$2.9 million, which exceeds the planning budget by \$189,000. Tom discussed options for resolving the budget overage, including utilizing the undesignated reserve or drawing from multi-year EPA grant allotments. He noted that drawing from EPA funds immediately would reduce their future availability.

Bridgette led the evaluation of the proposed studies to identify potential areas for deferral if the Steering Committee declines to exceed the planning budget. The committee identified the emerging contaminants wastewater paraben study and the sediment accretion in restored marshes phase II study as non-time-sensitive projects eligible for deferral if cuts are needed. The committee prioritized the PFAS in precipitation study to complete its second year of data collection and supported allocating \$10,000 to collect and archive CEC bird egg samples under Status and Trends. No opposition was recorded for the PCBs, Microplastics or Sources, Pathways, and Loadings proposals.

The committee discussed transitioning toward multi-year project approvals to reduce the administrative burden of preparing and reviewing full annual proposals. Amy noted that pre-approving multi-year funds would streamline future cycles by requiring only brief project updates. Bridgette advocated for maintaining annual reviews to assess project timelines and determine if continuation is technically justified. Tom noted that a three-year monitoring timeline represents the default minimum for stormwater studies due to annual precipitation variability.

Simret Yigzaw inquired about the integration of unfunded projects with Supplemental Environmental Project (SEP) funding. Amy confirmed that any proposed study left unfunded by the Steering Committee would automatically be placed on the eligible SEP list. The TRC voted

to recommend the complete suite of proposed studies to the Steering Committee, subject to the availability of funds.

Decisions

- **Study Recommendation:** Recommended funding for all proposed 2027 special studies to the Steering Committee, subject to the availability of funds.
- **SEP Eligibility:** Approved that any special study proposal not funded by the Steering Committee will automatically be recommended for the eligible SEP list.

7. Information/Decision: Watershed Dynamic Modeling Workplan 2027

Matt Heberger presented the \$580,000 Watershed Dynamic Model (WDM) workplan and budget for 2027, which represents a portion of a \$2.5 million TBH grant allocation. The workplan utilizes an agile project management structure and outlines several technical tasks. Task 1.a allocates \$50,000 to partner with the University of Nebraska-Lincoln to develop a gridded hourly precipitation dataset to address the extreme spatial heterogeneity of rainfall in the Bay Area. Task 1.b focuses on replacing idealized trapezoidal channel representations with real-world channel geometry and improving reservoir operation modeling on Coyote Creek and Alameda Creek. Task 1.c utilizes Metropolitan Transportation Commission (MTC) 2020 datasets to refine pervious, impervious, and Directly Connected Impervious Area (DCIA) classifications. Task 1.d enhances sediment modeling by incorporating local turbidity surrogate data to calibrate sediment transport across 17 gauges and validate simulated scouring velocities. Task 2.a seeks to update the Regional Watershed Spreadsheet Model (RWSM) and align its boundaries with the WDM, while Task 2.b models PCB recovery and control measures in Priority Management Units (PMUs). Task 2.c partners with the Microplastics Workgroup to model regional loading hotspots, and Task 2.d integrates watershed loads as boundary conditions for the Bay hydrodynamic model.

Matt stated that flow and sediment calibrations are finalized, mercury calibration is currently underway, and the modeling team will post graphical results on the SFEI website. A draft report will be released for committee review by the end of July, with the final combined report projected for completion by August 14, 2026. Tom Mumley commended the web portal and community modeling approach, and asked when the sediment model report would be available. Matt clarified that there is no standalone sediment report; the sediment calibration, channel updates, and mercury results will be integrated into a single comprehensive report. Chris Sommers noted that reservoir modeling for Coyote Creek and Alameda Creek must incorporate local water diversions to percolation ponds and salmonid habitat agreements. The committee voted to approve the 2027 workplan.

Decisions

- **Approved:** The Watershed Dynamic Modeling Workplan for 2027 was approved to proceed.

Action Items

- **Draft Report:** Distribute the draft combined WDM report for committee review (Matt Heberger, due July 31, 2026).
- **Meeting Schedule:** Schedule an interim modeling review meeting before the August Steering Committee meeting. (Matt Heberger, completed July 23)

8. Information/Decision: PCB TMDL Studies 2027 (03:30:20)

Jay Davis reviewed the PCB Total Maximum Daily Load (TMDL) timeline, noting a regulatory revision deadline of 2030 and a data cutoff of July 2028. SFEI must utilize \$2 million of EPA Tracking Bay Health funds before this cutoff, leaving the upcoming wet season as the primary window for field monitoring. The team is currently finalizing the Mercury synthesis report, after which the PCB Workgroup will meet in late July to refine the draft allocation plan. The proposed \$2 million allocation draft includes strategy coordination, in-bay fate modeling, and food web modeling with Frank Gobas. A proposed \$1 million OPTICS Round 2 study in Redwood Creek was rejected by the workgroup due to cost, prompting the team to brainstorm a scaled-down study for the Redwood Creek Priority Management Unit (PMU).

Alicia Gilbreath presented a stormwater sampling proposal requesting \$210,000 for field labor to collect intensive PCB and suspended sediment data to calibrate and validate the Watershed Dynamic Model (WDM). The project targets three storm events across four locations next wet season, yielding 12 composite samples with lab analysis budgeted at \$23,500. Alicia planned to target first flush, a large mid-season storm, and an additional storm. Lester McKee proposed installing semi-permanent pressure transducers, such as self-logging HOBO sensors, during the wet season at previously monitored locations like Zone 4 Line A or Belmont Creek to measure stage and generate flow data using existing discharge rating curves.

The committee discussed adding Particulate Organic Carbon (POC) and Total Organic Carbon (TOC) analyses to the study, as recommended by scientific advisors. Don Yee noted that POC analysis options are limited, and ALS may not be an acceptable laboratory for EPA-funded projects. Frank Gobas has advocated for organic carbon data to evaluate source characteristics, while Tom Mumley questioned if a one-year study could absorb this scope. Richard raised concerns that an El Niño year could skew calibration data with artificially low PCB concentrations due to sediment exhaustion, but Matt Heberger and Alicia noted that targeting first flush and early large storms would optimize data quality. The TRC voted to approve proceeding with the stormwater sampling study.

Decisions

- **Study Approval:** Approved proceeding with the stormwater sampling study proposal to support PCB watershed modeling.

Action Items

- **Budget Verification:** Verify the AXYS laboratory analysis costs and adjust the PCB SW monitoring proposal budget estimate offline. (Alicia Gilbreath, due 8/10/26)
- **Stage Monitoring Equipment:** Alicia Gilbreath will coordinate with Lester McKee and Matt Heberger to evaluate the feasibility and budget of installing semi-permanent HOBO pressure transducers at previously monitored sites. (Alicia Gilbreath, due 8/10/26)
- **Analytical Parameters:** Continue discussions with Frank Gobas and the PCB Workgroup regarding the technical utility, cost, and lab availability for adding POC and TOC analysis to the stormwater sampling design. (Jay Davis, due 8/10/26)

9. Information/Decision: Fixed Monitoring Station Network Update (04:00:12)

Alicia Gilbreath presented an update on the Fixed Monitoring Station Network (FMSN), a \$1.15 million collaborative regional infrastructure project funded by the EPA. The project is currently in the final equipment selection and site design phase, with installation scheduled to go live between October and December 2026. Alameda County was chosen for the initial station due to localized funding availability. SFEI and Integral Consulting conducted field reconnaissance across nine historical PCB monitoring locations, of which, the Ettie Street Pump Station in West Oakland was selected as the first location. The station drains an industrialized catchment and discharges directly into the Emeryville Crescent Priority Management Unit (PMU). The catchment contains documented prey fish populations and ranks as the 11th highest PCB-contaminated site for particle ratios in the San Francisco Bay region. Christian Kocher of Integral Consulting will manage the technical engineering and station hardware configuration.

The \$1.15 million budget covers equipment procurement, software programming, site engineering, and data management systems, but excludes active water quality sample collection and laboratory monitoring. Equipment and programming tasks require a minimum allocation of 25% of the total budget. The financial framework includes an 18% contingency fund, totaling approximately \$200,000, to absorb variable hardware and infrastructure installation costs within the pump station forebays. Unspent contingency funds will be reallocated to support subsequent monitoring efforts. SFEI staff hope to deliver technical status and financial tracking reports to the committee every six months. Concurrently, SFEI will coordinate with the Bay Area Municipal Stormwater Collaborative (BAMSC) and the San Francisco Bay Regional Water Quality Control Board to select the remaining three network stations across Contra Costa, San Mateo, and Santa Clara counties.

Richard Looker initiated a technical discussion regarding the compatibility of pump station hydraulics with Watershed Dynamic Model (WDM) calibration, stating that forebay chemistry represents open-channel flow during storms but becomes decoupled during dry periods. Lester McKee noted that continuous dry-weather drainage is driven by infrastructure dewatering from deep building basements and transportation underpasses, creating a rhythmic pumping cadence that can be consolidated into daily flow sums to support WDM calibration. Alicia Chakrabarti stated that East Bay Municipal Utility District (EBMUD) currently operates a low-flow electric pump at Ettie Street that diverts approximately 500 gallons per minute (GPM) of dry-weather urban runoff to a wastewater treatment plant. Lester will collate the existing historic data to establish a baseline dataset and consult with past sampling teams to integrate their lessons into a new pump station sampling design. Tom Mumley clarified that while current efforts fulfill grant conditions for four foundational stations, the long-term program objective is determining the optimal configuration for an expanded regional network.

Decisions

- **Site Selection Approved:** Approved the selection of Ettie Street Pump Station as the first site for the Fixed Monitoring Station Network.
- **Plan Approval:** Approved the technical execution schedule and financial allocation framework for the FMSN project without modifications.

10. Discussion: Plus/Delta on Workgroup Meetings (04:32:08)

The committee held an open discussion to collect feedback on the 2026 workgroup meeting cycle. Gerardo stated that project ranking and budgeting processes were completed and noted high levels of participation from scientific advisors during the meetings. Richard commended the technical expertise and commitment of the advisors, specifically pointing to their detailed engagement in SPLWG email threads, and stated that the program should systematically express routine appreciation to them. Bridgette stated that the current TRC meeting proceeded on schedule because the individual workgroups completed their preliminary planning and optimization tasks. Simret recognized staff for compiling technical proposals within short timeframes and adapting to expanded regional funding levels.

Tom stated that although progress has occurred, workgroups face ongoing operational constraints regarding timed agendas and balancing tracking updates for active projects with new data dissemination. Tom noted that while advisors remain highly engaged, the program requires more consistent follow-up from RMP stakeholders to counter instances of review delays caused by limited stakeholder bandwidth. Tom also stated that website accessibility has improved, noting that post-meeting materials are being uploaded promptly to minimize historical information gaps. Amy thanked Tom for providing advanced notice on upcoming deliverables, noting that early data sharing allows committee members to integrate reviews into their schedules and supports the communication strategy being implemented by Sierra.

11. Discussion: Communications Update (04:42:24)

Jay provided an update on the *Pulse of the Bay* 2026 report, which focuses on nutrients. The draft articles, written by the Nutrient Management Strategy team including Will Geikin and Ian Wren, are undergoing revisions, with a full layout draft scheduled for distribution on August 7, 2026. For the RMP Annual Meeting agenda framework, Jim Hagy of the EPA is the proposed keynote speaker. Jay noted that Dave Schoellhamer will step down from the Sediment Workgroup in October and proposed inviting him to present a 30-year retrospective on regional sediment science. The committee agreed to complete the nutrient session with a presentation by Dan Killman demonstrating remote sensing data tools and the Monitoring and Event Response for Harmful Algal Blooms (MERHAB) Shiny app dashboards.

Sierra delivered the communications update, noting that surveys with the Bay Area Pollution Prevention Group identified lack of information awareness as the primary barrier to RMP data access. Sierra is conducting informal stakeholder coffee chats and drafting technical feature stories on 6PPD-quinone and small microplastics. Sierra clarified that plain language summaries are compiled on a case-by-case basis with principal investigators to translate technical reports for non-experts, with drafts submitted to the TRC for review prior to publication. Sierra also presented a North Bay sediment StoryMap developed by a University of California, Santa Barbara master's student under the co-supervision of Kyle Stark, which Simret supported as a communication output. Sierra noted that an abstract detailing the RMP's collaborative management framework was accepted for a panel session at the Restore America's Estuaries 2026 Coastal & Estuarine Summit in San Francisco this fall.

Decisions

- **Annual Meeting Agenda Approved:** Approved the session themes and speakers for the 2026 RMP Annual Meeting agenda.

Action Items

- **Speaker Invitations:** Contact Dan Killman and Dave Schoellhamer to confirm their availability to present at the Annual Meeting. (Jay Davis, 8/10/26)

12. Information: Status of Deliverables and Action Items (05:19:20)

Amy Kleckner delivered the deliverables status update, noting that the formal informatics update is deferred until September 2026 to prioritize uploading RMP datasets into the California Environmental Data Exchange Network (CEDEN) prior to the August 20, 2026 integrated report deadline. Completed milestones since March 2026 include the ingestion of 2021 bird egg datasets into CEDEN, submission of the Tracking Bay Health Semiannual progress report, completion of the North Bay selenium spring sturgeon muscle plug sampling, and completion of

archived sediment mercury analyses. Additionally, field teams concluded the wet season 2026 stormwater sampling and the small microplastic particles bay water sampling led by Diana Lin and Kayli Paterson. Finalized project planning documentation includes the tire rubber marker analysis study design and the stormwater contaminants of emerging concern (CECs) monitoring approach report.

Several deliverables face technical or administrative delays. The suspended sediment flux at the Richmond-San Rafael Bridge report is overdue pending an update from David Hart at the USGS. Draft technical reports for PCBs in sediment and fish and intertidal sediment deposition in San Leandro Bay are delayed, as Jay Davis and Don Yee prioritized the regional mercury synthesis report. The wastewater analysis for organophosphate esters (OPEs), bisphenols, and plastic additives is delayed while the contracts department reallocates funds to secure an alternative analytical partner. For ongoing reviews, the Nutrient Management Strategy (NMS) draft technical report on investigating harmful algal blooms (HABs) is distributed for comment. Staff will transmit the draft Pulse articles, the mercury synthesis draft, the multi-year plan Management Priorities Table, and the updated SEP list for offline committee review.

Tom Mumley asked if the interlaboratory variance issue for wastewater OPEs and bisphenols had been resolved. Don responded that the issue remains open because one laboratory option produced elevated concentrations compounded by blank contamination, whereas SGS AXYS produced unexpectedly low values. Don stated that because ambient environmental concentrations of these additives are low, the lack of low-level method validation between competing laboratories prevents clear data interpretation. He noted that commercial analytical methods are unestablished relative to academic laboratories, creating a market stalemate where commercial labs delay method development due to a small customer base, while environmental monitoring programs cannot be reliably developed or implemented without strong, validated testing methods.

13. Discussion: Plan Agenda Items for Future Meetings

The September 2026 TRC meeting agenda will focus on Status and Trends (S&T) monitoring, including a review of the regional monitoring design and the 2027 target analyte list. Committee members will evaluate modifications to the multi-year plan and initiate planning for 2031. SFEI staff stated that the session will include an environmental informatics update and interactive mock-ups of the RMP data dashboard. Scheduled technical items include a marine mammals publication update by Rebecca Sutton, a PCB workplan update by Jay Davis, and an aquatic toxicity monitoring amendment proposal by Ezra. The session will also include final logistical preparations for the RMP Annual Meeting, while the Supplemental Environmental Project (SEP) list and management drivers tables are scheduled for offline review.

14. Discussion: Plus/Delta

Bridgette DeShields opened the plus/delta feedback session and noted her approval of the communications update. Committee members evaluated the 2027 special studies selection workflow and acknowledged the departure of Richard Looker from the committee. The committee also welcomed Kat Ridolfi.

The committee discussed regional television broadcast coverage secured by Sierra Garcia. Staff proposed compiling these media broadcast links into regular quarterly updates and Sierra teased that she plans to utilize the collected B-roll footage for display between sessions at the RMP Annual Meeting.

Action Items

- **Media Compilation:** Compile television media links for inclusion in future communications updates. (Sierra Garcia, ongoing)

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Bay RMP Steering Committee Meeting

August 24, 2026

San Francisco Estuary Institute

Hybrid Meeting

Meeting Summary

Attendees

SC Member	Affiliation	Representing	Present
Eric Dunlavey	City of San Jose	POTW-Large	Y
Amanda Roa	Fairfield Suisun	POTW-Small	Y
Karin North**	City of Palo Alto	POTW-Medium	Y
Adam Olivieri	BAMSC / EOA, Inc.	Stormwater	Y
Xavier Fernandez	SF Bay Regional WQCB	Water Board	Y
Tom Mumley*	SF Bay Regional WQCB (retired)	Water Board	Y
Maureen Dunn	Chevron	Refineries	Y
Luisa Valiela	Environmental Protection Agency	USEPA Region 9	Y
Laura Tam	Bay Planning Coalition	Dredgers	Y
Ellie Covington	US Army Corps of Engineers	USACE	N

* Chair, ** Vice Chair, alternates italicized

Staff and Others:

- Amy Kleckner, SFEI
- Jay Davis, SFEI
- Michelle Azurin, SFEI
- Emily Corwin, SFEI
- Beth Birmingham, SFEI
- Scott Dusterhoff, SFEI
- Adam Wong, SFEI
- Ezra Miller, SFEI
- Noah Rudko, SEFI
- Sasha Mariniuk, SFEI
- Sierra Garcia, SFEI
- *Setenay Frucht*, SFBRWQCB
- Jessica Vargas, USACE
- Aundi Mevoli, SF Baykeeper

1. Introductions and Review Goals for the Meeting (00:00:00 - Recording 1)

Steering Committee Chair Tom Mumley reviewed the meeting agenda highlights and participants in the meeting introduced themselves. Following minor initial technical adjustments to the meeting recording and audio configuration, Tom asked for additions or questions regarding the agenda, and no revisions were requested

2. Decision: Approve Meeting Summaries from April 13, 2026; Review/Confirm/Set Dates for Future Meetings (00:07:07 - Recording 1)

The Steering Committee reviewed and approved the [April 13, 2026 Meeting Summary](#).

The committee confirmed upcoming meeting dates, including the Mercury Strategy Team meeting on August 28, 2026, the Technical Review Committee meetings on September 16 and December 9, 2026, an RMP panel discussion at the Restoring America's Estuaries Conference on September 25, 2026, the 2026 RMP Annual Meeting on October 21, 2026, and the Multi-Year Planning Workshop and Steering Committee meeting on November 16, 2026. Amy suggested potential dates for the January 2027 Steering Committee meeting. Karin noted unavailability for January 18, 2027, which was identified as the Martin Luther King Jr. Day holiday. The committee set the January 2027 Steering Committee meeting date for January 25, 2027.

Decisions:

- Approved the April 13, 2026 Steering Committee Meeting Summary.
- Confirmed January 25, 2027, for the Q1 2027 Steering Committee meeting.

Action Item:

- Send Google calendar invites for the January 25 meeting (Michelle Azurin, 9/15/26)

3. Information: TRC Meeting Summary from June 23, 2026 (00:11:28 - Recording 1)

Amy Kleckner presented an overview of the June 23, 2026 Technical Review Committee (TRC) meeting, which covered the RMP planning update, special study recommendations, the 2027 Watershed Dynamic Modeling (WDM) workplan, PCB TMDL studies, and the Fixed Station Monitoring Network (FSMN). The TRC recognized the retirement of Richard Looker and his contributions to the RMP. During the planning update, the committee evaluated the comparative utility of peer-reviewed journal articles versus technical reports for regulatory applications. The TRC approved a \$580,000 WDM workplan for 2027 covering precipitation data, real-world

channel geometry, sediment modeling, and watershed load integration. For PCB TMDL studies, the committee approved a stormwater sampling study, contingent on laboratory cost verification and evaluation of organic carbon analysis parameters. Additionally, the TRC selected the Ettie Street pump station for the FSMN and approved its 2027 technical execution schedule and financial allocation framework.

During the subsequent discussion, Tom Mumley stated that an upcoming WDM report will present the updated watershed sediment model, which serves as the foundation for mercury and PCB modeling. Tom noted that new watershed sediment load estimates highlight that rainfall volume during wet seasons heavily influences pollutant loading levels. Regarding program staffing, Gerardo Martinez will assume many of the responsibilities previously held by Richard.

Action Items

- **Written Deliverable Guidance:** Draft a guidance memo outlining criteria for selecting technical reports versus peer-reviewed journal articles as final deliverables for RMP studies (Amy Kleckner, 12/31/26).

4. Information/ Decision: RMP Financial Update for 2026 Q2 (00:19:23 - Recording 1)

Michelle Azurin presented the Q2 financial update through June 2026, stating that the 2026 core budget was 20% expended with a surplus of \$46,762, while the 2025 core budget was 58% expended with 100% of invoiced fees received and a surplus of \$6,808. The undesignated reserve balance reached \$1,543,285 as of June 2026. Tom Mumley noted that 2025 Governance expenditures were \$211,662 out of \$432,250 budgeted. Michelle explained that staff were directed to bill Tracking Bay Health grant funds prior to core RMP funds. Amy Kleckner stated that 2025 core funds will remain unclosed for several years until all associated special studies are completed.

Municipal, stormwater, and industrial participant fee invoices for 2026 were issued in July 2026, while Dredger and Caltrans stormwater invoices have not been sent. Dischargers expressed concern that July invoicing falls into the subsequent fiscal year and requested consistent billing within the same fiscal year to prevent double-billing within a single agency budget cycle. Amy noted that billing requires participant loading data, which delays invoice generation. Amanda Roa suggested downloading data directly from the California Integrated Water Quality System (CIWQS) using automated scripting to expedite invoice calculation. Amy agreed to coordinate with Meredith Lofthouse on what they need to generate invoices and update participant contact lists annually every January.

Michelle presented a request for an \$18,000 budget increase for the 2024 PFAS Synthesis and Strategy Revision, raising the total project budget from \$107,000 to \$125,000, funded from the 2024 surplus of \$197,425. Tom stated that recent 2024 bioaccumulation data needed to be integrated into the draft report to refine strategy development. Xavier Fernandez noted that the State Water Resources Control Board is evaluating PFAS listings and emphasized establishing scientific justification prior to regulatory action. Ezra Miller stated that source control is likely the most effective way to manage PFAS and confirmed that the project team will be able to finalize the report by September 11, 2026. The Steering Committee approved the budget increase.

Decisions

- Approved an \$18,000 budget increase for the 2024 PFAS Synthesis and Strategy Revision, funded from the 2024 surplus, bringing the total project budget to \$125,000.

Action Items

- **Single Billing During a Fiscal Year:** Committed to sending RMP invoices out earlier in the year to avoid multiple billings during the same fiscal year. Amy will coordinate with Meredith Lofthouse to understand what they need to produce invoices earlier (Amy Kleckner, Due 12/31/26).
- **Update Billing Contact List:** Update each sector's billing contact list annually in January to enable invoicing within the same fiscal year (Meredith Lofthouse, Due 1/31/27).

5. Information/Discussion: RMP Planning Update (00:34:01 - Recording 2)

Amy Kleckner presented updates on the Tracking Bay Health (TBH) U.S. EPA grant allocations, staff recruitment, dredger fee structures, participant fee planning, and El Niño event monitoring preparation. The TBH grant budget contains \$4.1M remaining for Task 1 (Program Management and Governance), \$871k for Task 2 (QA and Data Management Services), \$1.1M for Task 3 (Annual Reporting and Communications), \$2.5M for Task 4 (Status and Trends Monitoring), and \$3.3M for Task 5 (Special Studies), with \$1.2M planned for 2027 special studies and \$2.1M divided across 2028–2030. All TBH grant tasks and deliverables must be completed by September 2031. During lab contracting discussions, Luisa Valiela reported that four laboratory entities operating under ALS are currently debarred by the U.S. EPA, prohibiting the use of federal grant dollars for these entities. Amy detailed program recruitment progress, noting that Joan De Vera accepted a position on Alicia Gilbreath's team, hiring for two environmental analysts is nearing completion, the search for a Deputy Program Manager are underway with a target start date prior to the RMP Annual Meeting in mid October, and searches will be initiated for a modeler for Matt's team and a project manager.

The discussion focused on dredger fee schedule updates, participant fee increases, and El Niño monitoring planning. Xavier Fernandez explained that the Water Board is evaluating options to

incentivise upfront payment of dredger fees during permit applications or episode requests rather than relying on post-dredge reports, which currently force staff to chase unpaid invoices from small dredgers. Laura Tam requested messaging guidance regarding dredger fee increases given the program's reserve balance, and Xavier and Tom Mumley noted that independent receiving water monitoring would cost dredgers significantly more. Addressing the approved 3% annual participant fee increase for 2026 - 2028 Adam Olivieri and Karin North stated that municipal stormwater programs face budget constraints that make fee increases difficult to justify while program surpluses persist. For El Niño planning, Amy noted that \$60,000 was pre-approved from the undesignated reserve in August 2024 for event-based monitoring, with coordination in progress with the Wetland Regional Monitoring Program (WRMP). Sierra Garcia noted that ABC7 requested SFEI coverage regarding shoreline flood risks, and the committee confirmed that institutional liability policies prohibit using volunteers or interns for stormwater field sampling.

6. Decision: Approve Special Studies for 2027 Funding and Identify Eligible Studies for SEP List (01:33:34 - Recording 2)

Amy Kleckner presented the proposed 2027 special studies package, noting that total requested funding exceeded the annual planning budget by \$143,682 after shifting select subcontracts to Destination Clean Bay grant funding. Available funding sources included \$52,500 in unallocated Mandatory Minimum Penalty (MMP) funds and an undesignated reserve balance exceeding \$1.5 million. During the review, Amy raised a procedural question regarding accepting draft manuscripts as final study deliverables. Adam Olivieri noted that regulatory agencies accept internally reviewed draft manuscripts as final contract deliverables when specified by contract. Tom Mumley emphasized that the RMP retains ownership of study data and findings, with journal publication serving as a secondary outcome for principal investigators. Ezra Miller added that the Contaminants of Emerging Concern team routinely uses draft manuscripts as final deliverables.

In response to an inquiry from Maureen Dunn regarding a proposed wastewater paraben screening study, Ezra explained that parabens are cosmetic preservatives entering wastewater streams. Ze stated that while the Department of Toxic Substances Control expressed interest due to potential chemical bans, the Technical Review Committee designated the study as lower priority because it is not time-critical. Tom recommended approving all proposed special studies by drawing up to \$143,682 from the undesignated reserve, with final accounting allocations to be determined during 2027 workplan development. The committee made no revisions to the Supplemental Environmental Projects list. Amy recommended approving early fund releases effective September 1, 2026, for select wet-weather studies, utilizing Tracking Bay Health grant funds to the extent possible and core RMP funds for the remainder. The Steering Committee approved the full special studies package, the draw from undesignated reserves, and the early release of funds.

Decisions

- Approved the full suite of 2027 special study proposals recommended by the Technical Review Committee, authorizing up to \$143,682 from the undesignated reserve balance to cover the allocation above the planning budget.
- Approved the early release of 2027 special study funds effective September 1, 2026, for designated wet-weather projects, utilizing Tracking Bay Health grant funds where eligible and core RMP funds for remaining balances.

7. Decision: Sediment Transport Modeling 2027 Proposals (01:58:43 - Recording 2)

Scott Dusterhoff presented the Sediment Workgroup's Phase 1 and Phase 2 sediment transport modeling proposals, which were developed from a 6-phase, 9-year, \$7,000,000 Sediment Modeling Study Plan completed in early 2026 by Oliver Fringer, Jessie Lacy, Allie King, and Rachel Allen. On March 19, 2026, the Sediment Workgroup requested implementation proposals from Oliver and Galen Egan for Phase 1 (\$498,269 over 3 years) and Phase 2 (\$878,009 over 4 years), totaling \$1,376,278. Following an August 19, 2026 stakeholder evaluation, participants expressed unanimous high support for advancing both proposals. Phase 1 focuses on 1DV model development, flocculation, and data assimilation using a full-time postdoctoral scholar with Galen at Princeton University and Rachel at SFEI. Phase 2 incorporates cohesive sediment modeling (FLOCMOD) and data assimilation under Oliver at Stanford University. Year 1 execution across Phase 1a and Phase 2 requires between \$400,000 and \$500,000 in 2027, with funding options including the undesignated reserve balance (\$1,543,285) or unallocated Tracking Bay Health grant funds.

Responding to a question from Laura Tam regarding management applications, Scott explained that these phases expand the capabilities of the open-source Delft3D flexible mesh community model to evaluate strategic sediment placement, sediment-bound contaminant transport, and suspended sediment dynamics related to harmful algal blooms. Xavier Fernandez noted that the expanded model resolves sediment exchanges between deep channels and tidal marshes, evaluates potential new or relocated in-bay dredged sediment disposal sites, and establishes bay boundary conditions for watershed PCB modeling. Tom Mumley and Xavier advocated funding Phases 1 and 2 to yield functional modeling tools by Year 3 and Year 4. Tom recommended funding Year 1 (\$400,000–\$500,000) from undesignated reserves and resolving outer-year funding during the November Steering Committee Meeting. Adam Olivieri cautioned against relying exclusively on undesignated reserves for the remaining ~\$800,000, prompting Tom and Amy Kleckner to clarify that outer-year funding will combine undesignated reserves, Tracking Bay Health grant funds, and multi-year special study allocations. Jay Davis highlighted the project as a strong candidate for future U.S. EPA grant solicitations. The Steering Committee approved Phase 1 and Phase 2 funding, authorizing Year 1 costs to be drawn from undesignated reserves.

Decisions

- Approved Phase 1 (\$498,269) and Phase 2 (\$878,009) sediment transport modeling proposals, authorizing 2027 Year 1 funding (\$400,000–\$500,000) to be drawn from the undesignated reserve balance.

Action Items

- **Future Discussion:** Develop a multi-year allocation strategy for outer-year Phase 1 and Phase 2 sediment modeling costs for review at the November Multi-Year Planning Workshop (Amy Kleckner, Due 11/16/26).

8. Information: S&T Monitoring Update (02:31:17 - Recording 2)

Amy Kleckner presented the Status and Trends (S&T) monitoring update for 2024 through 2027, noting progress toward publishing laboratory data online within one year of receipt. The draft 2024 Sport Fish report is expected in October 2026, to be followed by the 2024 Bird Egg report, while Don Yee and Jennifer Sun are developing a study plan for PFAS analysis in archived tissue across two comparative laboratories. Data from the 2025 water cruise remain under quality assurance review. Results from the 2025 laboratory intercomparison confirmed that organophosphate esters (OPEs) will be restored to S&T monitoring following the resolution of a laboratory blank water issue, while bisphenol monitoring remains on hold pending the identification of a qualified commercial laboratory. All 2026 wet-season water samples have been collected and analyzed, with dry-season comparison sampling scheduled for September 15 at near-field sites and September 17, 2026, aboard the R/V *Peterson*. For North Bay selenium monitoring, USGS is prepping over 60 sturgeon muscle plugs collected in spring 2026, California Department of Fish and Wildlife (CDFW) is conducting fall sturgeon sampling through September 2026, and water and clam sampling will resume from December 2026 through February 2027. Planned 2027 activities include the USGS moored sensor network, USGS monthly nutrient cruises, a dry-season water cruise, bird egg collection, and the externally funded "Protecting Bay Fishers" project, which will collect PCB, mercury, and PFAS fish tissue data mid-cycle in 2027, complemented by \$110,000 from the Department of Toxic Substances Control (DTSC) for West Oakland community surveys.

In the subsequent discussion, Tom Mumley raised concerns that the current five-year sport fish monitoring frequency requires 15 years to establish a three-point trend line for emerging contaminants, and observed that the Protecting Bay Fishers study design can accelerate this timeline. Tom also expressed worry that the study may not include the Lower South Bay. Jay Davis responded that the study design maintains flexibility to incorporate Lower South Bay sampling locations. Tom also inquired about expanding wet-season water sampling to capture El Niño storm events. Amy stated that while field sampling can piggyback on scheduled R/V *Peterson* runs or winter North Bay selenium cruises, unbudgeted analytical costs represent the primary constraint for event-based monitoring. Further S&T monitoring evaluations will occur at the next Technical Review Committee meeting.

9. Discussion: Multi-Year Planning Workshop Agenda (02:40:33 - Recording 2)

Amy Kleckner reviewed the preliminary agenda and goals for the November 16, 2026 Multi-Year Planning Workshop, which include evaluating program priorities, establishing information needs for 2028–2031, planning governance and program element budgets under expanded U.S. EPA grant funding, and reviewing 2027 workgroup allocations. The proposed agenda framework covers a brief planning overview, reviewing management drivers, defining 2027–2030 information priorities, and allocating funding across program management, Status and Trends, and special studies. Additional planning considerations for 2027 include evaluating core participant fee increases, accommodating in-bay modeling, re-engaging the Sport Fish Strategy Team for the "Protecting Bay Fishers" project, assessing the need for continued Mercury Strategy Team meetings, and structuring multi-year special study allocations.

During the discussion, Luisa Valiela inquired about the relative spending proportions across RMP program areas, and Jay Davis and Amy Kleckner explained that core RMP funds are historically divided approximately equally (one-third each) among Program Management and Governance (which includes communications, reporting, QA, and data services), Status and Trends, and Special Studies. Luisa questioned how outside observers might perceive a one-third allocation to governance and program management or whether special studies could be misinterpreted, emphasizing the necessity to defend budget allocations and clarify category definitions. Tom Mumley noted that with EPA grant funding expanding the total budget, the committee must evaluate how program management and governance expenditures scale relative to core funds. Addressing Tom's inquiry regarding future EPA grant solicitations, Luisa confirmed that EPA will not issue a Notice of Funding Opportunity until 2028 at the earliest, allowing the program time to spend down current allocations.

Action Items

- **Update Management Drivers:** Update the Decisions, Policies, and Actions management drivers table for the Multi-Year Planning Workshop (Xavier Fernandez, Due 9/15/26).
- **Finalize Agenda:** Convene the agenda planning subcommittee to finalize the Multi-Year Planning Workshop agenda (Amy Kleckner, Due 10/15/26).

10. Discussion/Decision: Communications Update (03:02:46 - Recording 2)

Jay Davis presented updates on the 2026 Pulse of the Bay report and the 2026 RMP Annual Meeting scheduled for October 21, 2026. The laid-out draft of the Pulse was distributed on August 10, 2026, with comments due August 28, 2026, and final printing scheduled for September 15, 2026. To keep the publication at 100 pages, traditional printed water quality trend graphs will be replaced by a summary page referencing the online RMP Data Dashboard.

The draft Annual Meeting agenda includes keynote addresses from Jim Hagy and Dave Schoellhamer, alongside presentations from Aidan Cecchetti, Craig Jones, Jennifer Sun, Jay Davis, and Diana Lin. Sierra Garcia provided a communications update covering recent media coverage on smaller microplastics and rain gardens, the development of plain language summaries, the "Bay Sediment In Motion" StoryMap created by Lilia Mourier, and a public science presentation at Faction Brewing on August 27, 2026.

During the discussion, Luisa Valiela noted the limited number of female presenters in the morning sessions and offered to coordinate with U.S. EPA regional leadership to assist with travel clearance for Jim Hagy. Tom Mumley raised a question regarding presenting uncirculated modeling results, and Jay noted that technical reports will be released in September prior to the meeting. Xavier Fernandez and Luisa suggested assigning Ari Chelsky to provide the Nutrient Management Strategy science update or act as session moderator, noting that Kevin Lunde's moderation role requires Water Board management authorization. For plain language summaries, Sierra confirmed that review drafts will be provided to the Technical Review Committee (TRC) in batches prior to TRC meetings, and Tony Hale will help create a dedicated webpage once a critical mass of summaries is established to inform less-engaged stakeholders and the general public.

Action Items

- **Confirm Speakers:** Consult with BACWA leadership regarding speaker representation and engage the Nutrient Management Strategy team on presentation and moderation assignments (Jay Davis, Due 9/15/26).

11. Information: Status of Deliverables and Action Items (03:51:52 - Recording 2)

Amy Kleckner reviewed the status of program deliverables, confirming the completion of the 2023 dry-season water cruise data upload to CEDEN and CD3, the Microplastics Workgroup meeting summary, the Q2 RMP eUpdate, PCB analysis of archived Bay sediment samples, and the Watershed Dynamic Modeling (WDM) maintenance development log and PCB/mercury modeling webpage. Overdue deliverables include six Status and Trends data management projects, the 2021 Pollutants of Concern (POC) Reconnaissance Monitoring final report, the 2026 Status and Trends Lab Intercomparison study design, the Mercury Synthesis Report, the Mudflat Morphodynamics mapping, and the Investigating Harmful Algal Blooms in San Francisco Bay technical report. Delayed deliverables comprise the 2021 POC Reconnaissance Monitoring advanced data analysis update, the 2024 Status and Trends Lab Intercomparison study design, OPEs, BPs, and Other Plastic Additives data management and reporting, fibers target and non-target analysis, and the SF Bay Sediment Transport and Fate Modeling technical report.

To resolve project delays, Destination Clean Bay funding is supporting automated script development for the POC advanced data analysis, while the wastewater plastic additives project

was re-contracted with Michigan Tech through April 30, 2027. Non-target analysis fiber results are expected at the end of August 2026, and the SF Bay Sediment Transport and Fate Modeling technical report is scheduled for completion in mid-September 2026. Review comments for the Pulse of the Bay are due August 28, 2026. Draft deliverables scheduled for internal or stakeholder review in late August and September 2026 include the WDM Phase 3 modeling report, the Nitrogen Treatment Technology CEC co-benefits report, the 2022/23 North Bay Selenium monitoring draft report, the Mercury Synthesis Report, and the 2024 Sport Fish report.

12. Discussion: Plan Agenda Items for Future Meetings (04:05:38 - Recording 2)

Amy Kleckner outlined the planned agenda items for the November 16, 2026 meeting, which include confirming committee chairs and the 2027 charter, selecting workgroups to meet in 2027, choosing the annual report theme for the 2027 RMP Update, reviewing the outcomes of the 2026 RMP Annual Meeting, and approving the 2027 RMP workplan and budget. During the discussion, Laura Tam suggested adding a dedicated conversation regarding coordination between the Wetland Regional Monitoring Program (WRMP) and the Bay RMP to a future meeting agenda. The committee agreed to schedule the WRMP discussion for the January 25, 2027 meeting due to time constraints during the November workshop. Carin High noted that winter and spring Steering Committee meetings historically include special technical presentations, which will be brainstormed during the November Multi-Year Planning Workshop.

Action Items

- **Add Agenda Item:** Place an update on the Wetland Regional Monitoring Program (WRMP) on the agenda for the January 2027 Steering Committee meeting (Amy Kleckner, Due 1/25/27).

13. Plus/Delta (04:08:22 - Recording 2)

The Steering Committee conducted a Plus/Delta feedback session to conclude the meeting. Jay Davis commended staff for resolving the initial Zoom technical difficulties. Karin North expressed appreciation for the high in-person meeting attendance and noted satisfaction with ratifying future special study and sediment modeling funding decisions following thorough workgroup vetting. Luisa Valiela highlighted effective long-term program planning and commended the committee for recovering lost schedule time.

Action Items

- **Share Link:** Email the link to the "Bay Sediment In Motion" StoryMap to Steering Committee members (Sierra Garcia, Due 8/31/26).

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A One-Stop Shop for Stormwater Interpretation and Analysis

Summary

Improving SFEI's digital infrastructure in the development of a stormwater database is necessary to improve data analysis as the stormwater monitoring program matures. Current data analysis and interpretation efforts occur on a project-by-project basis and require staff to sift through multiple datasets in a variety of formats, a time consuming process. These types of data span different formats and spatial aggregations, such as contaminant concentrations, vectorized and rasterized spatial data (e.g., precipitation), as well as ancillary data. The objectives of this proposal are to: (1) Integrate with existing stormwater management systems that support field sampling, lab analysis, and data interpretation; (2) Standardize SFEI stormwater data across water years and contaminants, using PFAS as a pilot; (3) Organize site- and sample-level meta-data for each location and storm event; and (4) Develop a simple online platform to allow internal users to interact with the data. This project will span many disciplines in SFEI, requiring coordination between software engineers in Environmental Informatics, and the stormwater monitoring and emerging contaminants teams in Clean Water. Ultimately, the development of this database will enhance the accessibility of critical stormwater data to support efficient, consistent, and rigorous data analysis and interpretation to answer management questions.

Proposed by Noah Rudko, Rebecca Sutton, Alicia Gilbreath (SFEI)

Estimated Project Cost \$158,000 (\$53,000 project work plan, \$105,000 project implementation)

Oversight Group(s) SPLWG, ECWG

Time Sensitive? Yes, early release of funds requested to support data interpretation and analysis for several other projects, such as PFAS Sources to Solutions.

Table 1. Study objectives and applicable management questions

Study Objectives	Management Question
With the overall goal of enhancing the accessibility of stormwater data generated by SFEI to support data analysis and interpretation, the objectives of our study are: 1. Integrate with existing stormwater management systems that support field sampling, lab analysis, and data interpretation 2. Standardize SFEI stormwater and ancillary data across water years and contaminants 3. Organize site- and sample-level meta-data for each sample location and storm event	SPLWG MQ1: What are the sources, pathways, and loadings of pollutants and sediment to the Bay? ECWG MQ2: What are the sources, pathways, loadings, and processes leading to the presence of individual CECs or groups of CECs in the Bay?

4. Develop a simple, online platform to allow internal users to interact with the data	
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Background

Diverse data sources are needed to interpret stormwater data, which includes contaminant concentrations, land-use information, spatial data, precipitation, and ancillary information (such as field conditions). Data cleaning and organizing is an essential, yet time-consuming, aspect of conducting statistical analyses and interpretation of complex water quality data. Data analysts can spend as much as 80% of their time preparing and managing data for analysis (Press, 2016). The RMP has received additional funding to ramp up stormwater data collection efforts, however data and information essential for interpretation remains disaggregated – spread across different folders, drives, and locations in various different formats. Analysis of past data has typically been done on a project-specific basis, requiring staff to collate multiple data sources across several years and file formats before beginning data analysis. As SFEI's stormwater monitoring program matures, so must its digital infrastructure. Therefore, there is a critical need to develop a robust stormwater database that will support data analysis and interpretation. In the absence of such a database, data analysis and interpretation of stormwater data generated by SFEI in the past and in the future will be more difficult and time-consuming.

A robust stormwater database can be broken down into several interconnected components: 1) Core relational entities (e.g., sites, sampling events, parameters, and results) and 2) Standardization & Metadata (e.g., following a recognized data standard that makes it easier to share and use data). Real-world examples of these include the United States Geological Survey's (USGS) water quality portal (WQP) - a premiere source of discrete water quality data in the US - which integrates data from the USGS, Environmental Protection Agency (EPA), as well state, federal, tribal, and local agencies. While SFEI maintains the contaminant data display & download (CD3) tool to allow external users to download water quality data, it does not have appropriate meta-data (e.g., field sheets, QA/QC, Sampling and Analysis Plans) that would be essential for SFEI staff preparing reports. Additionally, publicly available spatial data (e.g., land-use, precipitation) necessary to support data interpretation are spread across different locations and in different file formats. This proposed stormwater database would differ from existing water quality databases that SFEI uploads data to in that it would have field work meta-data and geospatial data appropriate for analyses. For example, internal users would be interested in viewing watershed delineations for each sampling point, the years that a site was sampled, and how samples were collected.

To that end, geospatial data (e.g., watershed boundaries) will be linked to each site using standard canonical IDs, which will differ from aliases or previous names used for sites. Attributes, such as area and land-use, can be included in each file. The platform will also be interactive in that users can view sampling events over time in a dynamic figure as opposed to a static time series. For each storm event, the tool can also provide estimates of antecedent wetness metrics and display nearby precipitation gauges.

Approach

Phase 1 – Project Work Plan and Study Design (\$53,000)

This project will be conducted in two phases. Phase 1 will entail project design and scoping to help inform the primary datasets, objectives, and interpretive outputs for the stormwater database. This phase will require meetings with relevant SFEI staff to determine the appropriate scope for the database. This database will be highly scalable and likely to become subject to scope creep. Thus, we ask for funds specifically for the project work plan and study design. This will give us the opportunity to determine the feasibility of specific aspects of the database, with check-ins and application testing with staff to determine appropriate data outputs. In phase 2, we will implement the database that has been planned in phase 1. Examples of the capabilities of the database and some example outputs are outlined below, but the final work product will be determined during the project work plan and study design. Key outcomes from phase 1 include:

- Identify datasets (e.g., geospatial, precipitation, runoff) that will be incorporated into the database
- Key capabilities of interpretative database
- How database will integrate with existing SFEI systems
- Cost to add other stormwater contaminants
- Annual cost to maintain database (i.e., adding new data) and scale up to other analytes

Phase 2 – Integration with Existing Systems and Development of Database (\$105,000)

Objective 1: We will first integrate the database with an existing workflow of the stormwater data generation pipeline. This includes consistent sample coding, digitizing field sheets, shipping samples to analytical partners, coordinating with data services, and uploading to the final database for analysis and interpretation. This workflow will be an interactive process that gathers input from several SFEI staff to improve efficiency. There is a need for overlapping responsibilities and access for each step of the process. The database will also have a dynamically updated page highlighting where in the workflow samples are located. Each step will have an appropriate action to input data

into the database (see table below). For example, the sample intake & shipping will indicate which storm samples are in storage and update when shipped.

Task	Personnel	Action
Pre-storm logistics	Field Crew Leads	Determine sites, update procedures, assign crew, push pre-storm plan to database
Field Collection & Documentation	Field Crew & Crew Leads	Samples are collected, field sheets are uploaded to the database
Sample Intake & Shipping	Field Crew & Crew Leads	Samples are brought back in, packed, and shipped to the lab. An information template is generated and sent to data services.
Lab Analysis & Data Services QA/QC	Analytical Partners & Data Services	The lab analyzes the samples, sends raw data to data services. Data services upload to the final database.

Objective 2: Stormwater data across waters years will first be combined into one database following tidy data formats (Wickham, 2014). Tidy data are described as being (1) easy to manipulate, (2) easy to model, and (3) easy to visualize. They follow a specific structure where each water quality variable is a column (e.g., PFOA, PFOS) and each observation (water quality sample) is a row. We will also pair down information from CEDEN outputs down to information typically used for analyses. This database will be piloted with a focus on PFAS to support PFAS Sources to Solutions data analysis, but the final database will be broad and able to support analysis and interpretation of a variety of emerging and legacy contaminants.

Objective 3: In addition to organizing the stormwater data, we will also organize site-level meta-data (e.g., watershed land use data, % impervious surfaces, associated flow and meteorological stations, watershed shapefiles) to provide crucial context behind the stormwater data outcomes. For example, antecedent wetness metrics (e.g., number of dries, total rainfall over the day, 3-days, etc, and storm intensity) will be calculated for each storm event using precipitation data from nearby gauges. This will

support identifying causal relationships between hydroclimatic variables influencing contaminant fate and transport. Site-level meta-data will also include field photos, field logs, and QA/QC logs to support transparent reporting on field and lab activities. This site-level meta-data will provide crucial context behind field sampling to aid in interpretation (e.g., runoff primarily originated from a nearby point-source rather than upstream sources). Sampling event information also will be attached to each storm, such as flow from a nearby USGS gauge, and total storm volume. Flows that have been measured by SFEI field staff or from a stormwater model will be flagged with an appropriate data qualifier. Flow information (whether measured or estimated) are crucial for estimating contaminant loads to the Bay. Collating these various data sources will support efficient and consistent data analysis to answer critical management questions.

Objective 4: The results from the relational database (objectives 2 and 3) will be accessible via an R Shiny App that will allow users to interact with the stormwater data, such as visualizing a time series of the data collected at each site, and to generate summary statistics of the collected data. This will integrate into SFEI's current stormwater website. It will also visualize basic relationships between PFAS concentrations and land-use, storm intensity (from nearby gauges), storm magnitude and antecedent precipitation metrics. Standard tables, graphics, figures, and maps will also be generated to support efficient report writing and presentation development. Field sampling documents (e.g., field sheets, Sampling and Analysis Plans (SAPs), SFEI reports, etc) will have a dedicated landing page. When examining results from a specific storm event, links to the relevant field sheet, photos, and SAPs will be available. Additionally, the database will be continuously updated as new stormwater data is generated. Lastly, advanced users will be able to download and query data into machine-readable formats to support other statistical analyses and modeling. Some potential uses include:

- organize stormwater data into CEDEN format
- open digitized field sheets associated with a sampling event
- download stormwater data in a machine readable format to support watershed modeling and data analysis
- create maps of sample locations with watershed boundaries and land use information
- generate summary statistics and simple figures for report writing and stakeholder presentations

Training Potential and Collaborative Activities

At least three junior staff (environmental analysts) will receive training and mentoring in scripting, Shiny app development, and environmental data analysis. This project will also receive input from numerous SFEI staff in Clean Water, Resilient Landscapes, and Environmental Informatics to help inform data outputs and integrate with existing SFEI infrastructure. Senior staff Rebecca Sutton and Alicia Gilbreath will provide guidance to Noah Rudko on task delegation and project management for mentoring junior staff.

Table 2. Proposed deliverables and timeline

Deliverable	Due Date
Task 1. Project work plan	April 2027
Task 2. Present work plan + progress at SPLWG	April 2027
Task 3. Standardize datasets	August 2027
Task 4. Organize relevant sample, ancillary, and site-level information	November 2027
Task 5. Develop R script for interpretation	February 2028
Task 6. Add PFAS data for Water Year 2027	<i>When available</i>
Task 7. Website development for access to info/data and interpretative outputs	April 2028

Table 3. Budget

Expense	Est. Hours	Cost	Due Date
SFEI Labor			
<i>Phase 1 - Database Design</i>			
<i>Project Management</i>	20	\$4,400.00	
<i>Acquiring existing site information, determining secondary spatial datasets (precipitation, flow, climate, etc)</i>	50	\$8,300.00	
<i>Project Work Plan and Study Design</i>	210	\$35,340.00	April 2027
<i>10.00% Contingency</i>	--	\$4,804.00	
<i>Phase 2 - Database Implementation</i>			
<i>Project Management</i>	32	\$7,040.00	
<i>Downloading, organizing secondary spatial datasets</i>	50	\$8,300.00	November 2027
<i>Standardizing datasets</i>	50	\$8,300.00	November 2027
<i>Writing R script to handle standard analyses for reports</i>	200	\$33,200.00	February 2028
<i>Integration with existing services</i>	50	\$10,000.00	June 2028
<i>R script organized into interactive App</i>	100	\$16,600.00	November 2028

<i>Technical Manual for Database</i>	50	\$8,300.00	November 2028
<i>Presentation</i>	10	\$1,660.00	December 2028
<i>Database hosted on SFEI internal website</i>	10	\$1,660.00	April 2028
<i>10.00% Contingency</i>	--	\$9,506	
DATABASE DESIGN TOTAL		\$53,000.00	
DATABASE IMPLEMENTATION TOTAL		\$105,000.00	
GRAND TOTAL		\$158,000.00	

References

- Press, G., 2016. Cleaning Big Data: Most Time-Consuming, Least Enjoyable Data Science Task, Survey Says [WWW Document]. Forbes. URL <https://www.forbes.com/sites/gilpress/2016/03/23/data-preparation-most-time-consuming-least-enjoyable-data-science-task-survey-says/> (accessed 6.9.26).
- Wickham, H., 2014. Tidy Data. J. Stat. Softw. 59, 1–23. <https://doi.org/10.18637/jss.v059.i10>

Plain Language Summary

Benefits of Wastewater Treatment Upgrades for Removing Emerging Contaminants

Wastewater treatment plant upgrades to remove more nitrogen can also help remove under-regulated and under-studied contaminants (known as emerging contaminants). The RMP summarized existing research on how well three types of technologies perform for emerging contaminant removal: conventional activated sludge, which is a common wastewater treatment, as well as membrane bioreactors and other advanced biological nutrient treatments. RMP scientists screened over 600 papers and reviewed 34 studies in full to compare the technologies.

Chemical Class/Tier		Conventional Activated Sludge	Biological Nutrient Removal	Membrane Bioreactor
OPE	High	14.5%	15.8%	19.6%
PFAS		42.4%*	54.3%*	69.7%*
Bisphenols	Moderate	70.5%	61.2%	69.7%
Microplastics		94.0%	No Data	84.6%
Antibiotics	Low	50.9%	63.5%	69.2%
Ethoxylated Surfactants		66.6%	54.6%	57.9%
Personal Care Products		75.4%	74.6%	72.4%
Pharmaceuticals		52.7%	69.2%	67.5%
Other Plastic Additives	Possible	93.3%	47.8%	46.2%
Tire- and Vehicle Derived		16.3%	-132.3%*	67.1%

**Data from a single study.*

Estimated average reduction in concentration for each contaminant type and treatment technology. Darker blue represents higher reduction.

Key Points

- **Membrane bioreactors** (MBRs) may remove slightly more emerging contaminants on average (67%) than **other biological nutrient removal technologies** (61%) or **conventional activated sludge** (57%). However, MBR performs worse than the other technologies for several types of contaminants, like some plastic additives.
- Most studies reviewed were limited to pharmaceuticals, antibiotics, or plastic additives.
- **Few studies exist for** the two groups of **contaminants that are high concerns** in San Francisco Bay. These are PFAS or “forever chemicals” and organophosphate esters (flame retardants and plastic additives).

Implications and Future Directions

Wastewater treatment upgrades from conventional activated sludge to membrane bioreactors and other advanced biological nutrient treatments could be a small improvement for removing emerging contaminants. This is true for antibiotics and

pharmaceuticals in particular, which the RMP considers a low concern in the Bay at this time. A key data gap is how wastewater treatment upgrades might affect removal of high-concern contaminants for San Francisco Bay.

Recently Completed RMP Data Uploads

- 😊 WY22 Stormwater CEC - 6PPD-Q
- 😊 2023 S&T Sediment Cruise - PFAS & Hg
- 😊 2022 S&T Bird Eggs - PBDEs, PFAS, Se, Hg
- 😊 2023 S&T Water Cruise
- 😊 2021 S&T Water Cruise
- 😊 2023 S&T Wet Season Water - 6PPD-Q
- 😊 WY20-24 STLS PCBs

Deliverables - completed!

- 😊 Microplastics, Emerging Contaminants, and SPL Workgroup Meeting Summaries posted
- 😊 WDM Maintenance - Update model development log
- 😊 WDM Maintenance - Webpage to share results of PCB and Hg modeling
- 😊 Q2 RMP eUpdate
- 😊 PCB Analysis of Archived Bay Sediment Samples

Deliverables – Overdue...

- 2023 S&T Nearfield and Margins sediment & prey fish - Data Mgmt
- 2023 S&T Wet Season Water - Data Mgmt.
- 2023 S&T Bay Sediment - Data Management
- 2024 S&T Wet Season Water - Data Mgmt.
- PFAS Stormwater depth monitoring pilot - Data management
- 2025 SW CECs Add-On - Data Management & CEDEN Upload
- STLS WY21 POC Recon Monit. - Final Report
- 2026 S&T Lab IC - Study Design
- Mercury Synthesis Report
- Mapping Mudflat Morphodynamics - Maps posted on website
- Investigating HABs in SF Bay - Technical Report

Deliverables – delayed

- STLS WY21 POC Recon Monit - Advanced Data Analysis Update & Final Report
- 2024 S&T Lab IC Study design and contracting
- OPEs, BPs, and Other Plastic Additives in WW - Data mgmt. & reporting
- NTA and Target Analysis of Fibers in SW - Lab Analysis
- SF Bay Sediment Transport and Fate Modeling - Technical Report

Requesting Review Comments

- ★ Mapping Mudflat Morphodynamics - Draft Technical Report - comments requested by 9/18

Coming Soon for review - Watch your inbox

- ★ WDM Phase 3 modeling report (September?)
- ★ Co-benefits of Nitrogen Treatment Tech on CECs
- ★ S&T NB Se Monitoring through 2022/23 - Draft Report
- ★ Mercury Synthesis Report (end of September?)
- ★ Sport Fish Report (draft end of September?)

Bay RMP Deliverables Stoplight Report_new

September 2026

	Project	Task	Deliverable	Assigned To	Due Date	Old Due Date	Days overdue	Due Date Extended (external delay)	Due Date Extended (internal delay)	# of extensions	Status	Comments
1	Bay RMP (2023)	H. Nearfield and margins sediment & prey fish data mgmt.	Process and upload sampling data	Adam Wong	03/31/25	02/28/24	924			3		8/9 - Sediment: Grainsize, TOC, TS data awaiting QA review. BP, PFAS, TOP data - QA review complete. Preyfish: PFAS uploading in progress, PCBs awaiting ratio review before uploading. 1/18/26 - Prey fish: verifying upload in dev - AW, Sediment: In QA Review/some datasets final but not yet uploaded.
2	Bay RMP (2023)	F. 2023 Wet season water data mgmt.	Process and upload wet season water sampling data	Adam Wong	04/15/25	10/31/24	678			3		8/9/26 - PFAS data still needs PI ratio review, 6-PPDQ upload complete BP/OPE data will not be uploaded due to lab analytical concerns
3	Bay RMP (2023)	M. Ambient Bay sediment data mgmt.	Process and upload sampling data	Adam Wong	04/30/25	02/28/24	924			4		8/9/26 - PFAS and Hg uploaded, BP QA review complete, and PBDEs, TOC, grainsize and TN awaiting QA review.
4	Bay RMP (2024)	F. WY24 Wet season water data mgmt.	Process and upload wet season water sampling data	Adam Wong	05/15/25	10/31/24	678			4		8/9/26 -BP, OPE, PFAS, TOP, UW Suite: Awaiting QA review
5	Bay RMP (2025)	25. PFAS SW Depth Monit. Add-On	Data Management QA/QC	Adam Wong	12/31/25							8/9/26 - PFAS uploaded, TOP data awaiting QA review
6	Bay RMP (2025)	29. SW CECs Add-On	Data uploaded to CEDEN	Adam Wong	12/31/25							8/9/26 - PFAS: uploaded, Hg: QA review complete. PCBs, TOP, USC, DOC/POC awaiting QA review.
7	Bay RMP (2023)	Special Study: STLS WY21 POC Recon Monitoring	Final report	Alicia Gilbreath	04/15/26	06/30/25	436			4		6/8/26 - Waiting on final graphics for some analyses from Lester 3/18 - Still waiting on comments from key stakeholders, expect this to be finalized in early April
8	RMP SEP	31. Investigating HABs in SF Bay	Technical Report	Dave Senn	06/30/26							1/20/26 - Wrapping up a draft report this month, revisions planned for February, should be done in time for the deadline.
9	Bay RMP (2026)	I. 2026 S&T Lab Intercomp Studies	Complete Study Design	Don Yee	06/30/26	03/15/26				1		ON HOLD - Still working to complete 2024 Lab IC study design. Currently there is a lack of staff capacity to keep up with annual Lab IC studies.
10	Bay RMP (2026)	54. Mercury Synthesis	Draft synthesis report	Jay Davis	06/30/26	04/30/26						8/10/26 - Modeling sections are behind schedule, hope to have a draft to share by the end of September
11	Tracking Bay Health / USEPA	508. Shoreline Change in SFB	Shoreline Typology Data Package	Scott Dusterhoff	06/30/26	08/31/25	374			4		3/10 - Delayed until end of May. Mino is running some analyses, testing new lidar in the algorithm. The team has draft data results if needed. Team would rather publish it with a technical report on the website. The typology and metadata could be complete by the end of the month.
12	Bay RMP (2026)	26. NTA Stormwater 2026 Monitoring	Lab analysis	Rebecca Sutton	07/31/26							8/20/26 - Tom held the stormwater NTA so that he could run it at the same time as the rest of the Bay water and wastewater samples. The last wastewater samples were collected earlier this month. So now he's moving forward. Waiting to hear back about updated deadlines
13	Bay RMP (2024)	Q. Marine Mammals data mgmt.	Process and upload sampling data	Adam Wong	08/15/26	02/28/25	558					8/9/26 - In Miguel's court for QA review
14	Bay RMP (2026)	54. Mercury Synthesis	Final synthesis report	Jay Davis	08/30/26	06/30/26						8/10/26 - Possibly by the end of December
15	Bay RMP (2022)	Special Study: PCBs in sediment and fish SS/RC	Draft Technical Report	Jay Davis	08/31/26	08/01/24	769			7		6/8/26 - Prioritized behind Mercury Synthesis Report 3/17/26 - Further delays due to staff capacity, anticipate final draft in May 8/15/25 - Draft delayed until end of September, prioritized ahead of sediment dep in SLB report
16	Bay RMP (2024)	N. NB Se Monitoring	Draft Report - NB Se data through 2023	Amy Kleckner	08/31/26	12/31/22	1348			7		8/9/26 - Draft in Jay's court for internal review
17	Bay RMP (2025)	34. NTA and Target Analysis of Fibers in SW	Lab Analysis	Diana Lin	08/31/26	06/30/25	436			2		6/17/26 - Results expected end of August
18	Bay RMP (2026)	4. Annual Reporting	2026 Annual Meeting Agenda	Jay Davis	08/31/26							
19	Bay RMP (2026)	38. Newly Identified Tire and Vehicle contaminants in Bay and SW	Field collection of samples	Rebecca Sutton	08/31/26							
20	Bay RMP (2026)	50. Stormwater CECs Monitoring 2029	GitHub code upload	Rebecca Sutton	08/31/26							
21	Tracking Bay Health / USEPA	C. 2025 NTA	Lab Analysis	Rebecca Sutton	08/31/26							Tom Young UC Davis
22	Tracking Bay Health / USEPA	H. 2026 North Bay Selenium Monitoring	Sampling and Analysis Plan/ Cruise Plan	Amy Kleckner	08/31/26	04/30/26	132			2		8/10 - Will be finalized and posted this month.
23	Tracking Bay Health / USEPA	H. 2026 North Bay Selenium Monitoring	Complete Contracts	Beth Birmingham	08/31/26	06/30/26	71			1		8/9/26 - USGS: in draft, AMS: fully executed, CSUM: in draft, BAL: fully executed, Caltest: fully executed.
24	Tracking Bay Health / USEPA	508. Shoreline Change in SFB	Recent Past Shoreline Data Package	Scott Dusterhoff	08/31/26	12/31/25	252			2		2/10/26 - Due date extended to align with final deliverable due date. 11/6/25 - This is on pause until typology is complete. \$4k of this budget is to rent software and likely won't be spent until next year - needs to be timed so people aren't on vacay when it's purchased.
25	RMP SEP	34. PCBWG SLB OPTICS Study	Draft technical report	Jay Davis	09/01/26							

	Project	Task	Deliverable	Assigned To	Due Date	Old Due Date	Days overdue	Due Date Extended (external delay)	Due Date Extended (internal delay)	# of extensions	Status	Comments
26	RMP SEP	28. SF Bay Sediment Transport and Fate Modeling	Technical Report	Dave Senn	09/15/26	09/05/25	369	🚩	🚩	2	🟡	6/5/26 - Jay and Allie came up with a plan for the report to be completed by mid-September. 1/19/26 - Allie K. plans to have a Whole-Bay sediment transport model framework and diagnostics by March 2026. Integral aims to have a prelim. whole-bay Hg contaminant modeling report by July 2026. 8/13/25 - Integral continues to work on the In Bay model and will be writing the report, details on a revised timeline are in development.
27	Bay RMP (2026)	5. Communications	RMP Presentation to BACWA	Amy Kleckner	09/18/26	08/31/26		🚩	🚩		🟡	
28	Tracking Bay Health / USEPA	J. 2026 Wet Season Water	Collect samples and send to labs for analysis	Jennifer Dougherty	09/18/26			🚩	🚩		🟡	Wet season sampling complete, dry season will be done in August
29	Bay RMP (2026)	2B. September TRC Meeting	Agenda package and slides posted to website	Martin Trinh	09/21/26			🚩	🚩		🟡	
30	Bay RMP (2026)	4. Annual Reporting	RMP Pulse Final and send to printer	Jay Davis	09/21/26			🚩	🚩		🟡	
31	Bay RMP (2026)	2B. June TRC Meeting	Approved meeting summary posted	Michelle Azurin	09/28/26			🚩	🚩		🟡	
32	RMP SEP	32. Temporal variability in sediment delivery to a North and Central SF Bay Salt Marsh	Draft manuscript	Melissa Foley	09/30/26	04/01/25		🚩	🚩	4	🟡	1/18/26 - JL: Behind schedule due to gov shutdown and JL retirement plans, Sam and JL will submit the manuscript by Sept 2026 JL committed to completing this project post retirement. 7/23 - Latest update from JL stated that it is looking more like the end of the year for the manuscript
33	RMP SEP	35. Sediment Dynamics in a NB Fluvially Influenced Salt Marsh	Data releases: 1) salt marsh and Petaluma River time series data, 2) deposition and accretion	Scott Dusterhoff	09/30/26			🚩	🚩		🟡	
34	Bay RMP (2023)	3. QA and Data Services	QA Summary Report for 2023 S&T Activities	Don Yee	09/30/26	09/30/24	709	🚩	🚩	3	🟡	8/6/25 - Several 2023 data sets still needing to be processed.
35	Bay RMP (2023)	Special Study: STLS Regional Model Development (WDM Phase 3)	Final modeling report	Matt Heberger	09/30/26	12/30/23	984	🚩	🚩	4	🟡	8/10/26 - The report is delayed. Matt anticipates sharing a draft this month.
36	Bay RMP (2024)	I. 2024 S&T Lab Intercomp Studies	Complete contracts	Michelle Azurin	09/30/26	08/31/24	739	🚩	🚩	3	🟡	8/9/26 - Jen S and Don are developing study plan for PFAS in tissue IC using archived samples, contracts will be drafted once study design is finalized. 1/18/26 - This study will commence in 2026 after a review of archive samples available and determination of which samples to use.
37	Bay RMP (2024)	M. 2024 Sport Fish data mgmt.	Process and upload sampling data	Adam Wong	09/30/26	11/01/24	677	🚩	🚩	1	🟡	6/23/25 - Samples still with MLML for processing, results data not expected until late 2025. 9/2/24 - Sampling expected to continue through Sept., processing by MLML scheduled for Mar 2025.
38	Bay RMP (2024)	44. Spatial variability of sediment accretion in SFB restorations	Data release: soil properties, digital elevation models, and RTK GPS data	Scott Dusterhoff	09/30/26	09/30/25	344	🚩	🚩	3	🟡	8/11/26 - Michelle D'Aguello is finishing this up and will submit by 9/30/26 1/15/26 - Karen T. (USGS) provided an updated timeline post 2025 and gov reopening: Data releases WERC March 2026, PCMSV June 2026
39	Bay RMP (2025)	I. 2025 S&T Lab IC Study - BP & OPEs in Bay water	Presentation to the TRC on findings from 2025 IC studies.	Don Yee	09/30/26	03/31/26	162	🚩	🚩	2	🟡	2025 IC - BPs & OPEs in Bay water, AXYS and ALS 3/18 - Just recieved lab results this month, still in review, plan to present in June 1/18/26 - Still waiting on lab results from ALS.
40	Bay RMP (2026)	2I. PCB WG Meeting	Approved meeting summary posted	Michelle Azurin	09/30/26			🚩	🚩		🟡	
41	Bay RMP (2026)	5. Communications	Q3 RMP eUpdate	Sierra Garcia	09/30/26	08/28/26		🚩	🚩		🟡	
42	Bay RMP (2026)	5. Communications	RMP Presentation to BAMSC	Amy Kleckner	09/30/26			🚩	🚩		🟡	
43	Bay RMP (2026)	5. Communications	RMP Presentation to LTMS	Amy Kleckner	09/30/26			🚩	🚩		🟡	
44	Bay RMP (2026)	5. Communications	RMP Presentation to BPC	Amy Kleckner	09/30/26	08/31/26		🚩	🚩		🟡	
45	Bay RMP (2026)	5. Communications	RMP Presentation to WSPA	Amy Kleckner	09/30/26			🚩	🚩		🟡	
46	Bay RMP (2026)	5. Communications	Updates to RMP website - Q3	Sierra Garcia	09/30/26			🚩	🚩		🟡	
47	Bay RMP (2026)	L. Sport Fish Reporting	Draft Report	Jennifer Sun	09/30/26	06/30/26		🚩	🚩	1	🟡	8/9/26 - Still working. Aims to have a draft for external review before the Annual Meeting
48	Bay RMP (2026)	50. Stormwater CECs Monitoring 2029	Presentation to SST	Rebecca Sutton	09/30/26			🚩	🚩		🟡	
49	Tracking Bay Health / USEPA	H. 2026 North Bay Selenium Monitoring	Sample collection - clams and water (dry season)	Amy Kleckner	09/30/26			🚩	🚩		🟡	
50	Tracking Bay Health / USEPA	504. Tire rubber marker analysis	Collect samples	Diana Lin	09/30/26	09/30/25	344	🚩	🚩	1	🟡	7/23/25 - Requested extension from USEPA, project delayed by a year.
51	Tracking Bay Health / USEPA	509. Int. Mon. and Model. to support PCBs and Hg Loads (Year 2 of 3)	Draft Final Report shared with WG and RMP committees	Alicia Gilbreath	09/30/26	12/31/25	252	🚩	🚩		🟡	6/24/25 - Per Matt the draft will be ready in 9/2026, deadline to be extended. Related to 3024-030: Int. Monit. & Model. for PCBs & Hg Phase 1 **This report is the EPA deliverable for this task (to be included in October 2026 semi-annual progress report)
52	Tracking Bay Health / USEPA	519. Co-benefits of nitrogen treatment tech on CECs	Draft Report	Rebecca Sutton	09/30/26	06/30/26	71	🚩	🚩		🟡	8/9/26 - Internal SFEI review comments due by 8/14.
53	Tracking Bay Health / USEPA	523. PCB Analysis of Archived SFB Sediment Samples	Data management	Adam Wong	09/30/26	06/30/26	71	🚩	🚩		🟡	

	Project	Task	Deliverable	Assigned To	Due Date	Old Due Date	Days overdue	Due Date Extended (external delay)	Due Date Extended (internal delay)	# of extensions	Status	Comments
54	Bay RMP (2025)	45. Susp. Sed. Flux Measurements at Richmond-San Rafael Bridge	Data release incl. all new project data incl. ADCP transects and velocity-integrated point-SSC samples	Scott Dusterhoff	10/01/26	12/31/25	252	🚩	🚩	3	🟡	8/4/26 per David Hart: All samples are back from the lab so he can finally get the data release published. He is working on developing the empirical model to get the sed flux data from ADCP transects now.
55	Tracking Bay Health / USEPA	508. Shoreline Change in SFB	Final Technical report posted to the website	Scott Dusterhoff	10/01/26	05/31/26	101	🚩	🚩		🟡	This report is the EPA deliverable for this task (to be included in October 2026 semi-annual progress report) 1/14/26 - EPA approved request to extend due date
56	Tracking Bay Health / USEPA	511. GIS Improvements to Support Modeling, Data Interpretation, and Site Selection	Detailed workplan for future GIS data acquisition and/or development	Matt Heberger	10/01/26	05/31/26	101	🚩	🚩		🟡	May be included in the 25 SW CEC modeling and data analysis report (3025-050-task 3) and/or WDM report. Also could be done early for CECs modeling workplan. **This report is the EPA deliverable for this task (to be included in October 2026 semi-annual progress report) 1/14/26 - EPA approved request to extend due date to October 2026
57	Tracking Bay Health / USEPA	512. Develop discharge rating curves	Detailed workplan for future rating curve development	Matt Heberger	10/01/26	05/31/26	101	🚩	🚩		🟡	**This report is the EPA deliverable for this task (to be included in October 2026 semi-annual progress report) 1/14/26 - EPA approved request to extend due date to October 2026
58	Tracking Bay Health / USEPA	513. Mapping Mudflat Morphodynamics	Final maps posted on website	Alex Braud	10/01/26	06/30/25	436	🚩	🚩	3	🟡	
59	Tracking Bay Health / USEPA	513. Mapping Mudflat Morphodynamics	Presentation to the workgroup and Final Technical Report posted on website	Alex Braud	10/01/26	08/31/25	374	🚩	🚩	3	🟡	**This report is the EPA deliverable for this task (to be included in October 2026 semi-annual progress report) 1/14/26 - EPA approved request to extend due date to October 2026
60	Bay RMP (2026)	4. Annual Reporting	Annual Meeting	Amy Kleckner	10/14/26			🚩	🚩		🟡	
61	Bay RMP (2026)	26. NTA Stormwater 2026 Monitoring	Spreadsheet of tentatively identified compounds, and publicly accessible baseline spectra for future NTA comparisons	Rebecca Sutton	10/30/26			🚩	🚩		🟡	
62	RMP SEP	36. Sediment Conceptual Models for San Pablo Bay and Suisun Bay	Draft report to SedWG	Scott Dusterhoff	10/31/26	04/01/26		🚩	🚩		🟡	SD comment (1/22/25) - we can not starting the effort in earnest until July 2025 (RB2 is aware) so we need to push back deliverable dates
63	Bay RMP (2023)	Special Study: PCBs in sediment and fish SS/RC (Year 2)	Final Technical Report	Jay Davis	10/31/26	11/30/24	648	🚩	🚩	5	🟡	6/8 - Prioritized behind Mercury Synthesis 3/17/25 - Further delays due to staff capacity, anticipate final draft in May 6/23/25 - Draft delayed until August, final in November 12/3/24 - Don will have the data QA'd by mid Feb 2025, reporting tentatively in Spring 2025.7/25/24 - Waiting on DS
64	Bay RMP (2024)	N. NB Se Monitoring	Final Report - NB Se data through 2023	Amy Kleckner	10/31/26	02/28/23	1289	🚩	🚩	5	🟡	3/18/26 - Strategy team met on 3/11 to review preliminary results, draft for review anticipated by end of April. Final draft end of May. Will not include 2010-2017 USGS data. USGS data will be included in 2026/27 report.
65	Bay RMP (2024)	39. PFAS Synthesis & Strategy	Final Report	Diana Lin	10/31/26	04/30/25	497	🚩	🚩	5	🟡	8/9/26 - requesting additional funding to support completion of this report by end of October 2026.
66	Bay RMP (2024)	21. Monitoring of Sediment Deposition in SLB Intertidal Areas	Draft Report	Don Yee	10/31/26	02/28/25		🚩	🚩	4	🟡	6/8/26 - Prioritized behind Mercury Synthesis & PCBs in Sed and Fish reports 3/17 - Delayed due to staff capacity issues. Prioritized behind the draft technical report for PCBs in sediment and fish SS/RC. Anticipate having a draft done by early May, so can get feedback at the WG meeting, and final draft done by end of June. 8/15/25 - Prioritized behind the PCBs in fish and sediment SS/RC draft report 5/22 - Presented at CW Team meeting, draft expected by end of summer.
67	Bay RMP (2025)	50. Stormwater CECs Monitoring & Modeling 2025	Task 3. Draft Technical Report	Pedro Avellaneda	10/31/26	10/31/25	313	🚩	🚩		🟡	10/2/25 - Memo shared with SC on 8/11/25 states this project will e delayed a year 7/24/25 - will be delayed until CECs modeling workplan (3024-050) is completed, considering a plan to rescope as a report on implementation of the workplan. Timeline TBD. **This report is the EPA deliverable for task 510
68	Bay RMP (2025)	24. Microplastics SW Monitoring Pilot (Year 2)	Draft technical report shared with MPWG and RMP committees	Diana Lin	10/31/26	01/31/26	221	🚩	🚩	3	🟡	8/13/26 - Presentation to the ECWG complete. Draft report expected by end of Oct. 11/6/25 - Will present on this at the ECWG meeting in April, report delayed due to lab delays in reporting some of the data
69	Bay RMP (2026)	5. Communications	RMP Presentation at RB2 Meeting	Amy Kleckner	10/31/26			🚩	🚩		🟡	
70	Bay RMP (2026)	L. Sport Fish Reporting	Final Report	Jennifer Sun	10/31/26	08/31/26		🚩	🚩	1	🟡	
71	Bay RMP (2026)	21. Small Microplastic Particles in Bay Water Pilot	Early pilot sample collection and analysis	Diana Lin	10/31/26	07/31/26	40	🚩	🚩	1	🟡	
72	Bay RMP (2026)	41. Analysis of fine sediment flux and development of Github transport modeling platform	A full-bay DFlow-FM sediment transport model that incorporates waves computed with the SWAN wave model and fine sediment transport with either Delwaq or within DFlow-FM	Scott Dusterhoff	10/31/26	07/31/26		🚩	🚩	1	🟡	8/11/26 - Progress report expected at the 8/19 SedWG meeting
73	Bay RMP (2026)	41. Analysis of fine sediment flux and development of Github transport modeling platform	A report* (and paper) outlining the model implementation and its calibration.	Scott Dusterhoff	10/31/26	07/31/26		🚩	🚩	1	🟡	8/11/26 - Progress report expected at the 8/19 SedWG meeting
74	Tracking Bay Health / USEPA	Meeting agenda's & summaries included in SAPR	April 2026-September 2026	Amy Kleckner	10/31/26			🚩	🚩		🟡	
75	Tracking Bay Health / USEPA	G. 2025 CTR Reporting	Draft Report shared with TRC	Don Yee	10/31/26	06/30/26	71	🚩	🚩	1	🟡	
76	Tracking Bay Health / USEPA	I. Wet Season water 3-year pilot report	Final Report posted to website and submitted to USEPA	Jennifer Dougherty	10/31/26	07/31/25	405	🚩	🚩	4	🟡	8/9/26 - In Amy's court for final review of Jen D's edits, before posting and submission **This report is the EPA deliverable for this task; to be included in October 2026 semi-annual progress report.

	Project	Task	Deliverable	Assigned To	Due Date	Old Due Date	Days overdue	Due Date Extended (external delay)	Due Date Extended (internal delay)	# of extensions	Status	Comments
77	Tracking Bay Health / USEPA	M. 2024 Bird Egg Reporting	Draft and Final Report (posted on website and submitted to USEPA)	Jay Davis	10/31/26							Include in a Pulse or RMP Update?
78	Tracking Bay Health / USEPA	501. Plastic Additives in Bay Water, Archived Sed, and SW	Lab Analysis	Rebecca Sutton	10/31/26							
79	Bay RMP (2026)	1. Program Management	2026 Q3 RMP Financial Report	Michelle Azurin	11/02/26							
80	Bay RMP (2025)	24. Microplastics SW Monitoring Pilot (Year 2)	Final technical report	Diana Lin	11/16/26	02/28/26	193			3		Results from SW Depth Monitoring (PFAS) will be incorporated into the report, task 3025-025.
81	Bay RMP (2026)	2A. November MYP/SC Meeting	Agenda package and slides posted to website	Martin Trinh	11/16/26							
82	Bay RMP (2026)	2A. August SC Meeting	Approved meeting summary posted	Michelle Azurin	11/23/26							
83	Bay RMP (2026)	5. Communications	Q4 RMP eUpdate	Sierra Garcia	11/27/26							
84	Bay RMP (2024)	44. Spatial variability of sediment accretion in SFB restorations	Report (draft manuscript)	Scott Dusterhoff	11/30/26	03/31/26	162			3		9/9/26 - Michelle (USGS) estimates that a draft manuscript will be ready for workgroup review in November
85	Bay RMP (2025)	3. QA and Data Services	QA Summary Report for 2025 S&T Activities	Don Yee	11/30/26							
86	Bay RMP (2026)	39. Carbazodiazim, Isothiazolinones, and other Biocides in wastewater and stormwater	Draft Manuscript/Technical Report	Miguel Mendez	11/30/26							
87	Bay RMP (2026)	21. Small Microplastic Particles in Bay Water Pilot	Sample collection	Diana Lin	11/30/26	08/31/26	9			1		
88	Tracking Bay Health / USEPA	519. Co-benefits of nitrogen treatment tech on CECs	Final Report	Rebecca Sutton	11/30/26	08/31/26	9					**This report is the EPA deliverable for this task to be included in the April 2027 progress report
89	Tracking Bay Health / USEPA	523. PCB Analysis of Archived SFB Sediment Samples	Upload to CEDEN	Adam Wong	11/30/26	08/31/26	9					**A link to this data is the EPA deliverable for this task to be included in the April 2027 progress report
90	Bay RMP (2026)	2B. December TRC Meeting	Agenda package and slides posted to website	Michelle Azurin	12/07/26							
91	Bay RMP (2025)	50. Stormwater CECs Monitoring & Modeling 2025	Task 3.Final Technical Report	Pedro Avellaneda	12/15/26	12/12/25	271					This deliverable will also cover TBH task 510. **This report is the EPA deliverable for task 510 1/14/26 - EPA approved request to extend due date to September 2029
92	Bay RMP (2026)	2B. September TRC Meeting	Approved meeting summary posted	Martin Trinh	12/28/26							
93	RMP SEP	34. PCBWG SLB OPTICS Study	Final technical report	Jay Davis	12/31/26							
94	Bay RMP (2022)	Special Study: STLS WY21 POC Recon Monitoring	Update data for the Advanced Data Analysis (ADA)	Lester McKee	12/31/26	06/30/23	1167			10		8/5/26 - Using DCB funds to develop scripts to do this work in an automated way. Noah R. and Sasha M. to begin work to automate updating the ADA instead of doing it manually. 5/6 - Realistically, even once all data is compiled, it represents a full month of work. Alicia and Lester have limited availability right now for this work. Estimated Completion: May 31st 3/17 - BAMSC indicated they still want this deliverable completed. Anticipate it will be done by mid-April.
95	Bay RMP (2023)	PFAS and NTA in Marine Mammals (year 1 of 2)	Task 6. Final manuscript(s)	Rebecca Sutton	12/31/26	09/30/25	344			2		7/9/26 - Changing contractors for reporting from SDSURF to an independent contractor.
96	Bay RMP (2023)	Special Study: Sediment Flux Richmond Bridge	Data release including ADCP transects and velocity-integrated point SSC-samples	Scott Dusterhoff	12/31/26	05/11/23	1217			2		8/6 - Updated timeline included in the latest TAA 6/25/25 - David Hart indicated at the SedWG meeting that the data would be collected in 2025, data release date TBD 9/15/23 - Per David Hart at USGS: work will not move forward in WY24, but do expect it to happen in WY25 as part of a larger project with the possibility of increased funding from other groups.
97	Bay RMP (2023)	Special Study: Sediment Flux Richmond Bridge	Model archive summary detailing the ABS-SSC empirical model to convert ADCP transects to sediment flux measurements	Scott Dusterhoff	12/31/26							
98	Bay RMP (2024)	3. QA and Data Services	QA Summary Report for 2024 S&T Activities	Don Yee	12/31/26	03/31/25	527			1		1/13 - Data not expected from labs for sport fish and bird eggs until Oct 2025, Summary report delayed until 2026.
99	Bay RMP (2024)	H. 2024 Bird Egg Data Mgmt	Processing and upload bird egg data	Adam Wong	12/31/26	12/31/24	617			2		1/18/26 - Waiting on final data submission from lab 10/29/24 - Samples to be analyzed spring 2025
100	Bay RMP (2024)	L. 2024 Sport Fish Monitoring	Sport Fish Report	Jay Davis	12/31/26	12/31/25	252			1		Jennifer Sun will be drafting this report 1/18/26 - Sample analysis ongoing with AXYS
101	Bay RMP (2024)	50. Stormwater CECs Monitoring & Modeling 2024	Draft/Final CECs modeling workplan & report	Pedro Avellaneda	12/31/26	10/31/25	313					10/2/25 - It has been recommended that this report come after the pilot implementation report due end of 2026. Timeline TBD 7/24/25 - This was proposed as a chapter in the CECs Approach Report and will instead be a stand alone report.
102	Bay RMP (2024)	21. Monitoring of Sediment Deposition in SLB Intertidal Areas	Final Report and data upload	Don Yee	12/31/26	04/30/25				3		6/8/26 - Prioritized behind Mercury Synthesis & PCBs in Sed and Fish reports 1/18/26 - Prioritized behind the PCBs in fish and sediment SS/RC report

	Project	Task	Deliverable	Assigned To	Due Date	Old Due Date	Days overdue	Due Date Extended (external delay)	Due Date Extended (internal delay)	# of extensions	Status	Comments
103	Bay RMP (2026)	1. Program Management	RMP Participation Letters for BACWA and WSPA Agencies	Amy Kleckner	12/31/26			🚩	🚩		●	
104	Bay RMP (2026)	1. Program Management	Honoraria Payments to Science Advisors	Amy Kleckner	12/31/26			🚩	🚩		●	
105	Bay RMP (2026)	3. QA and Data Services	2026-27 QAPP Update (TBH/RMP)	Don Yee	12/31/26	04/30/26		🚩	🚩		●	3/18 - Holding off on this deliverable until the 2027 special studies are determined.
106	Bay RMP (2026)	3. QA and Data Services	Online Data Access CD3: TRC update at December Meeting of what has been accomplished in 2026	Cristina Grosso	12/31/26			🚩	🚩		●	
107	Bay RMP (2026)	3. QA and Data Services	Informatics Update: TRC presentation	Adam Wong	12/31/26			🚩	🚩		●	
108	Bay RMP (2026)	3. QA and Data Services	DMMO Database Support: TRC Update at December meeting of what has been accomplished in 2026	Cristina Grosso	12/31/26			🚩	🚩		●	
109	Bay RMP (2026)	5. Communications	Updates to RMP website - Q4	Sierra Garcia	12/31/26			🚩	🚩		●	
110	Bay RMP (2026)	I. 2026 S&T Lab Intercomp Studies	Complete contracts	Michelle Azurin	12/31/26			🚩	🚩		●	
111	Bay RMP (2026)	J. 2026 Sample Archive	Short-term RMP sample archive purging	Sasha Mariniuk	12/31/26	06/30/26		🚩	🚩	1	●	
112	Bay RMP (2026)	J. 2026 Sample Archive	Archive database updated	michaelw@sfei.org	12/31/26			🚩	🚩		●	
113	Bay RMP (2026)	50. Stormwater CECs Monitoring 2026	Data uploaded to CEDEN	Rebecca Sutton	12/31/26			🚩	🚩		●	
114	Tracking Bay Health / USEPA	F. 2025 Dry Season Water Cruise Data Management	Process and upload dry season Bay water cruise data	Adam Wong	12/31/26			🚩	🚩		●	
115	Tracking Bay Health / USEPA	G. 2025 CTR Reporting	Final Report posted to the website and submitted to USEPA	Don Yee	12/31/26			🚩	🚩		●	
116	Tracking Bay Health / USEPA	J. 2026 Wet Season Water	Presentation of Field reports and prelim results to TRC, discussion to determine recommendations for future sampling design	Jennifer Dougherty	12/31/26			🚩	🚩		●	
117	Tracking Bay Health / USEPA	502. QACs in Bay water and SW	Lab Analysis	Rebecca Sutton	12/31/26	09/30/26	-21	🚩	🚩		●	
118	Tracking Bay Health / USEPA	505. PFAS NMR Analysis in WW, SW, and Bay Matrices	Lab Analysis complete	Rebecca Sutton	12/31/26			🚩	🚩		●	
119	Bay RMP (2026)	1. Program Management	2027 Multi-Year Plan Update	Amy Kleckner	01/25/27			🚩	🚩		●	
120	Bay RMP (2026)	1. Program Management	2027 Detailed Workplan and Budget	Amy Kleckner	01/25/27			🚩	🚩		●	
121	Bay RMP (2026)	1. Program Management	2026 Q4 RMP Financial Report	Michelle Azurin	01/25/27			🚩	🚩		●	
122	Bay RMP (2026)	2A. November MYP/SC Meeting	Approved meeting summary posted	Martin Trinh	01/25/27			🚩	🚩		●	
123	RMP SEP	36. Sediment Conceptual Models for San Pablo Bay and Suisun Bay	Final Report	Scott Dusterhoff	01/31/27	08/01/26		🚩	🚩		●	SD comment (1/22/25) - we can not starting the effort in earnest until July 2025 (RB2 is aware) so we need to push back deliverable dates
124	Bay RMP (2026)	39. Carbendazim, Isothiazolinones, and other Biocides in wastewater and stormwater	Final Manuscript/Technical Report	Miguel Mendez	01/31/27			🚩	🚩		●	
125	Tracking Bay Health / USEPA	520. Modeling dispersal of dredged sediment placement	Data release containing model input files	Scott Dusterhoff	01/31/27			🚩	🚩		●	
126	Bay RMP (2026)	38. Newly Identified Tire and Vehicle contaminants in Bay and SW	Laboratory analysis	Rebecca Sutton	02/28/27			🚩	🚩		●	
127	Bay RMP (2026)	50. Stormwater CECs Monitoring 2029	Section for the "Stormwater CECs Modeling and Data Analysis" draft report (SPLWG project)	Rebecca Sutton	02/28/27			🚩	🚩		●	Not clear if this is related to 3025-50 Task 3 and TBH task 510 or is a proposed report that didn't get approval for 2026 funding. 3025-50 Task 3 & TBH task 510 draft due date = 10/2026, final 12/2026
128	Bay RMP (2026)	48. Richmond Harbor Conceptual Model Report	Draft report	Jay Davis	02/28/27	05/31/26	101	🚩	🚩	2	●	
129	Tracking Bay Health / USEPA	C. 2025 NTA	Draft manuscript	Rebecca Sutton	02/28/27			🚩	🚩		●	
130	Tracking Bay Health / USEPA	H. 2026 North Bay Selenium Monitoring	Sample collection - clams and water (wet season)	Amy Kleckner	02/28/27			🚩	🚩		●	
131	Tracking Bay Health / USEPA	501. Plastic Additives in Bay Water, Archived Sed, and SW	Data Management and QA/QC	Adam Wong	02/28/27			🚩	🚩		●	

	Project	Task	Deliverable	Assigned To	Due Date	Old Due Date	Days overdue	Due Date Extended (external delay)	Due Date Extended (internal delay)	# of extensions	Status	Comments
132	Tracking Bay Health / USEPA	504. Tire rubber marker analysis	Lab Analysis	Diana Lin	02/28/27	02/28/26	193	🚩	🚩	1	🟢	7/23/25 - Requested extension from USEPA, project delayed by a year.
133	RMP SEP	37. Microplastics in San Francisco Bay Sport Fish	Report	Diana Lin	03/01/27			🚩	🚩		🟢	
134	Bay RMP (2024)	I. 2024 S&T Lab Intercomp Studies	Presentation to the TRC on findings from IC studies.	Don Yee	03/01/27	03/01/25	557	🚩	🚩	1	🟢	2024 IC - PFAS in tissue AXYS & Eurofins 1/13 - Still TBD if there will be adequate fish tissue for PFAS comparison study, will be delayed until 2027.
135	Bay RMP (2026)	2B. December TRC Meeting	Approved meeting summary posted	Michelle Azurin	03/29/27			🚩	🚩		🟢	
136	Bay RMP (2025)	34. NTA and Target Analysis of Fibers in SW	Draft Report shared with ECWG, MPWG, and RMP committees	Diana Lin	03/31/27	03/31/26	162	🚩	🚩		🟢	1/18/26 - Toronto MU is waiting on receipt of the lint samples, TAT is ~6 mo.
137	Bay RMP (2025)	45. Susp. Sed. Flux Measurements at Richmond-San Rafael Bridge	Model archive summary detailing the ABS-SSC empirical model to convert ADCP transects to sed flux measurements	Scott Dusterhoff	03/31/27	12/31/25	252	🚩	🚩	2	🟢	8/4/26 - Will be a monitoring report similar in format to the USGS report produced for the 2016/2017 GG flux monitoring
138	Bay RMP (2026)	I. 2026 S&T Lab Intercomp Studies	Presentation to the TRC on findings from 2026 IC studies.	Don Yee	03/31/27			🚩	🚩		🟢	
139	Bay RMP (2026)	41. Analysis of fine sediment flux and development of Github transport modeling platform	A report outlining the errors and possible improvements to methods to compute the sediment flux from field observations.	Scott Dusterhoff	03/31/27	12/31/26		🚩	🚩	1	🟢	
140	Tracking Bay Health / USEPA	502. QACs in Bay water and SW	Data Management and QA/QC	Adam Wong	03/31/27	12/31/26	-113	🚩	🚩		🟢	
141	Tracking Bay Health / USEPA	522. Enhancement and Recalibration of WDM	Draft modeling technical report	Matt Heberger	03/31/27			🚩	🚩		🟢	
142	Tracking Bay Health / USEPA	505. PFAS NMR Analysis in WW, SW, and Bay Matrices	Field Sampling - SW	Rebecca Sutton	04/01/27	04/01/26	161	🚩	🚩	1	🟢	9/9/26 - Will be collecting a few more stormwater samples in WY27 4/7 - In discussions with analytical partners to see if they can accommodate another sampling season to increase sample count
143	Bay RMP (2024)	40. OPEs, BP, and Other Plastic Additives in Wastewater	Presentation at ECWG	Rebecca Sutton	04/30/27	04/30/26	132	🚩	🚩		🟢	6/4 - Project is suffering major delays due to change in analytical partners. A brief update at ECWG in 2026 and hopefully a presentation of results next year
144	Bay RMP (2025)	34. NTA and Target Analysis of Fibers in SW	Presentation at ECWG	Diana Lin	04/30/27	04/30/26	132	🚩	🚩		🟢	
145	Bay RMP (2025)	31. Tidal Area Remote Sampler Pilot (Yr3)	Pilot testing	Alicia Gilbreath	04/30/27	04/30/25	497	🚩	🚩	2	🟢	3/17/26 - Will not complete this year. Continuing to work out the kinks of the remote sampler, intend to wait until remote sampler is more reliable before collecting final samples for this study.
146	Bay RMP (2026)	37. PFAS in Precipitation Pilot Study	Presentation at ECWG	Miguel Mendez	04/30/27			🚩	🚩		🟢	
147	Bay RMP (2026)	38. Newly Identified Tire and Vehicle contaminants in Bay and SW	Draft report and presentation to ECWG	Rebecca Sutton	04/30/27			🚩	🚩		🟢	
148	Bay RMP (2026)	39. Carbendazim, Isothiazolinones, and other Biocides in wastewater and stormwater	Presentation of Results at ECWG	Miguel Mendez	04/30/27			🚩	🚩		🟢	
149	Bay RMP (2026)	50. Stormwater CECs Monitoring 2029	Section for the "Stormwater CECs Modeling and Data Analysis" final report	Rebecca Sutton	04/30/27			🚩	🚩		🟢	
150	Tracking Bay Health / USEPA	Meeting agenda's & summaries included in SAPR	October 2026-March 2027	Amy Kleckner	04/30/27			🚩	🚩		🟢	
151	Tracking Bay Health / USEPA	C. 2025 NTA	Presentation to ECWG	Rebecca Sutton	04/30/27			🚩	🚩		🟢	
152	Tracking Bay Health / USEPA	H. 2026 North Bay Selenium Monitoring	Sample collection - sturgeon	Amy Kleckner	04/30/27			🚩	🚩		🟢	
153	Tracking Bay Health / USEPA	501. Plastic Additives in Bay Water, Archived Sed, and SW	Presentation to ECWG	Rebecca Sutton	04/30/27			🚩	🚩		🟢	
154	Tracking Bay Health / USEPA	502. QACs in Bay water and SW	Presentation to ECWG	Rebecca Sutton	04/30/27			🚩	🚩		🟢	
155	Tracking Bay Health / USEPA	503. NTA of SF Bay Fish (Yr 2)	Draft manuscript shared with WG	Rebecca Sutton	04/30/27	09/30/26	-21	🚩	🚩		🟢	
156	Tracking Bay Health / USEPA	505. PFAS NMR Analysis in WW, SW, and Bay Matrices	Presentation to ECWG	Rebecca Sutton	04/30/27			🚩	🚩		🟢	
157	Bay RMP (2026)	21. Small Microplastic Particles in Bay Water Pilot	Laboratory analysis	Diana Lin	05/28/27	02/28/27	-172	🚩	🚩	1	🟢	
158	Bay RMP (2025)	31. Tidal Area Remote Sampler Pilot (Yr3)	Update presentation at SPLWG on the results to date	Alicia Gilbreath	05/30/27	05/30/25	467	🚩	🚩	2	🟢	3/17/26 - Will not complete this year. Continuing to work out the kinks of the remote sampler, intend to wait until remote sampler is more reliable before collecting final samples for this study.

	Project	Task	Deliverable	Assigned To	Due Date	Old Due Date	Days overdue	Due Date Extended (external delay)	Due Date Extended (internal delay)	# of extensions	Status	Comments
159	Tracking Bay Health / USEPA	505. PFAS NMR Analysis in WW, SW, and Bay Matrices	Draft Manuscript shared with WG	Rebecca Sutton	05/30/27			🚩	🚩		●	
160	RMP SEP	35. Sediment Dynamics in a NB Fluvially Influenced Salt Marsh	Presentation to the SedWG	Scott Dusterhoff	05/31/27			🚩	🚩		●	
161	Bay RMP (2023)	Special Study: Sediment Flux Richmond Bridge	Presentation to the RMP SedWG	Scott Dusterhoff	05/31/27			🚩	🚩		●	
162	Bay RMP (2026)	41. Analysis of fine sediment flux and development of Github transport modeling platform	Presentations to the Sediment Workgroup	Scott Dusterhoff	05/31/27			🚩	🚩		●	
163	Bay RMP (2026)	48. Richmond Harbor Conceptual Model Report	Final report	Jay Davis	05/31/27	08/31/26	9	🚩	🚩	2	●	
164	Tracking Bay Health / USEPA	K. Wet season water data management	Process and upload wet season water sampling data (WY22-WY24)	Adam Wong	05/31/27			🚩	🚩		●	
165	Tracking Bay Health / USEPA	508. Shoreline Change in SFB	Presentation to the SedWG	Scott Dusterhoff	05/31/27	05/31/26	101	🚩	🚩	1	●	8/9/26 - Delayed. Will present to SedWG in 2027.
166	Tracking Bay Health / USEPA	514. Sed. Trap Recon.	PCBWG Presentation	Don Yee	05/31/27	05/31/25	466	🚩	🚩	2	●	4/7/26 - No deployments at any sites yet. BAMSC still needs to provide clearance for sites so that sampling can happen in early WY27. Will be delayed again, and will need to file an amendment, however will wait until after deployment to get a realistic timeline for completion.
167	Tracking Bay Health / USEPA	515. Fixed Station Monitoring Network	List of proposed monitoring locations, agreement on pilot site location	Lester McKee	05/31/27	05/31/25	466	🚩	🚩	2	●	7/10 - Alicia and Lester to lead and coordinate with BAMSC and STLS 6/23/25 - Waiting on availability of any future TBH funding. Will soon proceed with development of a phased workplan. Timeline and SFEI lead TBD.
168	Tracking Bay Health / USEPA	520. Modeling dispersal of dredged sediment placement	Presentation to the RMP Sediment Workgroup	Scott Dusterhoff	05/31/27			🚩	🚩		●	
169	Tracking Bay Health / USEPA	521. Central Bay Conceptual Understanding of Sediment Transport	Report	Kyle Stark	05/31/27			🚩	🚩		●	**This report is the EPA deliverable for this task to be included in the October 2027 progress report
170	Tracking Bay Health / USEPA	521. Central Bay Conceptual Understanding of Sediment Transport	2027 Sediment Workgroup presentation	Kyle Stark	05/31/27			🚩	🚩		●	
171	Tracking Bay Health / USEPA	522. Enhancement and Recalibration of WDM	Presentation to the SPL Workgroup	Matt Heberger	05/31/27			🚩	🚩		●	
172	RMP SEP	35. Sediment Dynamics in a NB Fluvially Influenced Salt Marsh	Final Report	Scott Dusterhoff	06/30/27			🚩	🚩		●	
173	Bay RMP (2025)	34. NTA and Target Analysis of Fibers in SW	Final Report posted to RMP website	Diana Lin	06/30/27	06/30/26	71	🚩	🚩		●	
174	Bay RMP (2026)	38. Newly Identified Tire and Vehicle contaminants in Bay and SW	Data services and data upload to CEDEN	Rebecca Sutton	06/30/27			🚩	🚩		●	
175	Tracking Bay Health / USEPA	C. 2025 NTA	Final manuscript for submission	Rebecca Sutton	06/30/27			🚩	🚩		●	
176	Tracking Bay Health / USEPA	501. Plastic Additives in Bay Water, Archived Sed, and SW	Draft report shared with WG and RMP committees	Rebecca Sutton	06/30/27			🚩	🚩		●	
177	Tracking Bay Health / USEPA	502. QACs in Bay water and SW	Draft manuscript shared with WG	Rebecca Sutton	06/30/27			🚩	🚩		●	
178	Tracking Bay Health / USEPA	514. Sed. Trap Recon.	Draft technical report shared with WG and RMP committees	Don Yee	06/30/27	06/30/25	436	🚩	🚩		●	
179	Tracking Bay Health / USEPA	520. Modeling dispersal of dredged sediment placement	Open access journal article describing model results and analysis; draft ready for submittal	Scott Dusterhoff	06/30/27			🚩	🚩		●	**This report is the EPA deliverable for this task to be included in the October 2027 progress report
180	Tracking Bay Health / USEPA	522. Enhancement and Recalibration of WDM	Final modeling technical report	Matt Heberger	06/30/27			🚩	🚩		●	**This report is the EPA deliverable for this task to be included in the October 2027 progress report
181	Bay RMP (2026)	21. Small Microplastic Particles in Bay Water Pilot	Presentation at MPWG	Diana Lin	07/30/27	04/30/27	-233	🚩	🚩	1	●	
182	Bay RMP (2024)	40. OPEs, BP, and Other Plastic Additives in Wastewater	QA/QC and Data Management	Adam Wong	07/31/27	06/30/25	436	🚩	🚩	3	●	8/9/26 - Analytical work has been re-contracted with Michigan Tech. Contract end date is 4/30/27 6/8 - Project is suffering major delays due to change in analytical partners. 1/18/26 - Analysis still pending, Da Chen contract expired in July 2025, he has not responded to inquiries about an extension. Considering shifting the contract to Jiehong
183	Tracking Bay Health / USEPA	K. Wet season water data management	Process and upload wet season water sampling data (WY26, S&T analytes only)	Adam Wong	07/31/27			🚩	🚩		●	
184	Tracking Bay Health / USEPA	514. Sed. Trap Recon.	Final technical report posted on website	Don Yee	07/31/27	07/31/25	405	🚩	🚩	2	●	**This report is the EPA deliverable for this task (to be included in April 2027 semi-annual progress report) 1/14/26 - EPA approved request to extend due date to April 2027

	Project	Task	Deliverable	Assigned To	Due Date	Old Due Date	Days overdue	Due Date Extended (external delay)	Due Date Extended (internal delay)	# of extensions	Status	Comments
185	Tracking Bay Health / USEPA	H. 2026 North Bay Selenium Monitoring	Data received from labs	Michael Weaver	08/30/27			🚩	🚩		●	
186	Tracking Bay Health / USEPA	503. NTA of SF Bay Fish (Yr 2)	Final manuscript submitted	Rebecca Sutton	10/01/27	12/31/26	-113	🚩	🚩		●	This report is the EPA deliverable for this task (to be included in October 2027 semi-annual progress report) 1/14/26 - EPA approved request to extend due date
187	Tracking Bay Health / USEPA	504. Tire rubber marker analysis	Final manuscript submitted	Diana Lin	10/01/27	07/31/26	40	🚩	🚩	1	●	This report is the EPA deliverable for this task (to be included in October 2026 semi-annual progress report). Requested extension to October 2027. 1/14/26 - EPA approved request to extend due date
188	Tracking Bay Health / USEPA	505. PFAS NMR Analysis in WW, SW, and Bay Matrices	Final Manuscript submitted	Rebecca Sutton	10/01/27	06/30/27	-294	🚩	🚩		●	This report is the EPA deliverable for this task (to be included in October 2027 semi-annual progress report) 1/14/26 - EPA approved request to extend due date
189	Bay RMP (2026)	38. Newly Identified Tire and Vehicle contaminants in Bay and SW	Final report	Rebecca Sutton	10/31/27			🚩	🚩		●	This work was partially funded by TBH grant, please include final deliverable in a progress report
190	Tracking Bay Health / USEPA	520. Modeling dispersal of dredged sediment placement	Presentation at State of the Estuary Conference	Scott Dusterhoff	10/31/27			🚩	🚩		●	
191	Bay RMP (2026)	21. Small Microplastic Particles in Bay Water Pilot	Short report	Diana Lin	12/30/27	09/30/27	-386	🚩	🚩	1	●	
192	Bay RMP (2024)	40. OPEs, BP, and Other Plastic Additives in Wastewater	Final Report	Rebecca Sutton	12/31/27	01/31/26	221	🚩	🚩	3	●	6/27/25 - Lab delays 11/25/24 - Sampling occurred later than planned due to laboratory complications, analysis delayed.
193	Bay RMP (2026)	41. Analysis of fine sediment flux and development of Github transport modeling platform	A GitHub repository to share the model online for community use.	Scott Dusterhoff	12/31/27	09/30/27		🚩	🚩	1	●	
194	Bay RMP (2026)	41. Analysis of fine sediment flux and development of Github transport modeling platform	A report (and publication) on modeling and analysis of the physical factors impacting the sediment flux across the Dumbarton Narrows and one other transect in SF Bay.	Scott Dusterhoff	12/31/27	09/30/27		🚩	🚩	1	●	
195	Tracking Bay Health / USEPA	H. 2026 North Bay Selenium Monitoring	Process and upload Se data results	Michael Weaver	12/31/27			🚩	🚩		●	
196	Tracking Bay Health / USEPA	H. 2026 North Bay Selenium Monitoring	Selenium report updated with most recent data	Amy Kleckner	03/31/28			🚩	🚩		●	
197	Tracking Bay Health / USEPA	H. 2026 North Bay Selenium Monitoring	Presentation of results to TRC	Amy Kleckner	03/31/28			🚩	🚩		●	
198	Tracking Bay Health / USEPA	501. Plastic Additives in Bay Water, Archived Sed, and SW	Final report posted to website	Rebecca Sutton	04/01/28	08/31/27	-356	🚩	🚩		●	This report is the EPA deliverable for this task (to be included in April 2028 semi-annual progress report) 1/14/26 - EPA approved request to extend due date
199	Tracking Bay Health / USEPA	502. QACs in Bay water and SW	Final manuscript submitted	Rebecca Sutton	04/01/28	08/31/27	-356	🚩	🚩		●	This report is the EPA deliverable for this task (to be included in April 2028 semi-annual progress report) 1/14/26 - EPA approved request to extend due date
200	Bay RMP (2026)	3. QA and Data Services	QA Summary Report for 2026 S&T Activities	Don Yee	04/30/28			🚩	🚩		●	
201	Tracking Bay Health / USEPA	515. Fixed Station Monitoring Network	Four working monitoring stations to support the RMP & a summary document of project outputs, to include a final list of network station locations and a description of the components	Lester McKee	08/31/31			🚩	🚩		●	**This report is the EPA deliverable for this task (to be included in the final-September 2031 progress report)

Bay RMP Action Items Stoplight Report_New

September 2026

	Primary	Deliverable	Assigned To	Due Date	Old Due Date	Days overdue	# of extensions	Due Date Extended (external delay)	Due Date Extended (internal delay)	Status	Comments	Meeting Date
1	SC Action Items - 4/13/26	Jay Davis to email the committee the 2026 RMP Annual Meeting agenda ahead of the August Steering Committee meeting.	Jay Davis	08/14/26				🚩	🚩	🔴		04/13/26
2	TRC Action Items - 06/23/26	Distribute the draft combined WDM report for committee review	Matt Heberger	08/31/26	07/31/26		1	🚩	🚩	🔴		06/23/26
3	TRC Action Items - 06/23/26	Coordinate with Lester and Matt to evaluate the feasibility and budget of installing semi-permanent HOB0 pressure transducers at previously monitored sites	Alicia Gilbreath	09/01/26	08/10/26		1	🚩	🚩	🔴		06/23/26
4	SC Action Items - 4/13/26	Xavier Fernandez and the dredger fee subgroup to develop 2-3 alternatives for a revised dredger fee structure (e.g., flat fees vs. volume-based) for committee discussion later this year.	Xavier Fernandez	10/31/26				🚩	🚩	🟡		04/13/26
5	SC Action Items - 4/13/26	Amy Kleckner to report back at the August Steering Committee meeting with a proposed approach for the future of toxicity monitoring (e.g., revised species, scale, or frequency) for the 2027/2028 multi-year plan.	Amy Kleckner	09/30/26	08/15/26		1	🚩	🚩	🟡	8/9/26 - Plan to do this at the Sept TRC meeting instead	04/13/26
6	SC Action Items - 8/24/26	Develop a multi-year allocation strategy for outer-year Phase 1 and Phase 2 sediment modeling costs for review at the November Multi-Year Planning Workshop	Amy Kleckner	11/16/26				🚩	🚩	🟡		08/24/26
7	SC Action Items - 8/24/26	Update the Decisions, Policies, and Actions management drivers table for the Multi-Year Planning Workshop	Xavier Fernandez	09/15/26				🚩	🚩	🟡		08/24/26
8	SC Action Items - 8/24/26	Convene the agenda planning subcommittee to finalize the Multi-Year Planning Workshop agenda	Amy Kleckner	10/15/26				🚩	🚩	🟡		08/24/26
9	SC Action Items - 8/24/26	Confirm and finalize presenter and moderator assignments	Jay Davis	09/15/26				🚩	🚩	🟡		08/24/26
10	SC Action Items - 8/24/26	Email the link to the "Bay Sediment in Motion" StoryMap to Steering Committee members	Sierra Garcia	09/15/26				🚩	🚩	🟡		08/24/26
11	TRC Action Items - 03/25/26	Cristina Grosso will develop a mock-up for a simplified dashboard tool focusing on the most recent three sets of CTR metals and cyanide data by station.	Cristina Grosso	09/16/26				🚩	🚩	🟡		03/25/26
12	TRC Action Items - 06/23/26	Compile television media links for inclusion in future communications updates	Sierra Garcia	09/30/26	08/10/26			🚩	🚩	🟡		06/23/26
13	SC Action Items - 4/13/26	Diana Lin to provide an update in late 2026 (likely the January 2027 meeting) regarding the Tire Rubber Marker study results to confirm the final decision on funding the manuscript with NIVA.	Diana Lin	01/31/27				🚩	🚩	🟢		04/13/26
14	SC Action Items - 4/13/26	Sierra Garcia to develop a "content lifecycle" protocol, for implementation by future new RMP staff, to ensure dated website stories are periodically archived or removed.	Sierra Garcia	12/31/26	08/15/26			🚩	🚩	🟢		04/13/26
15	SC Action Items - 8/24/26	Draft a guidance memo outlining criteria for selecting reports versus peer-reviewed journal articles as final deliverables for RMP studies	Amy Kleckner	12/31/26				🚩	🚩	🟢		08/24/26
16	SC Action Items - 8/24/26	Meet with Meredith Lofthouse to discuss what is needed to invoice payees before June each year and avoid multiple billings during the same fiscal year. Amy will coordinate with Meredith Lofthouse to understand what is needed including updating each sector's billing contact list annually in January.	Amy Kleckner	12/31/26				🚩	🚩	🟢		08/24/26
17	TRC Action Items - 03/25/26	SFEI staff to share a more interactive version of the dashboard at a future meeting for Committee "play-testing."	Cristina Grosso	12/31/26				🚩	🚩	🟢		03/25/26
18	TRC Action Items - 06/23/26	Communicate with stakeholder representatives from DPR and DTSC to clarify what deliverables they require to take regulatory action	Amy Kleckner	12/31/26	09/01/26			🚩	🚩	🟢		06/23/26
19	TRC Action Items - 06/23/26	Draft a memo outlining formal guidance to PIs on when technical reports vs. manuscripts should be produced as the final deliverable for an RMP special study	Amy Kleckner	12/31/26	09/07/26			🚩	🚩	🟢		06/23/26