

## Bay RMP Deliverables Scorecard Report

### Key to Status Colors:

Green indicates greater than 90 days until the deliverable is due.

Yellow indicates a deliverable is due within 90 days.















Red indicates a deliverable that is overdue.

Focus Area	Primary	Deliverable	Assigned To	Due Date	Due Date Extended	Old Due Date	Status	Comments
	Communications / A. Communications Plan Implementation	Calendar of RMP Events and Communications Products	Philip Trowbridge	02/28/15			Complete	
	Status and Trends / H. Planning for Bay Margins Sediment Study	Final Monitoring Design and Proposal for Margins Study	Don Yee	03/01/15			Complete	Revised monitoring plan presented to TRC on 12/10/14. A revised design was presented on 3/11/15 to the TRC and 4/21/15 to the SC. Additional tweaks to the design were requested by the SC and the design was revised accordingly.
	Data Management / C. Quality Assurance System	Revisions to QAPP	Don Yee	03/31/15			Complete	Major lab suggestions incorporated/responded to. Plan on more frequent smaller updates.
	Status and Trends / J. Analysis of S&T Impacts, Changes, and Data	Summary of RMP Design Changes on SFEI website	Philip Trowbridge	03/31/15			Complete	
	Governance / RMP Charter Review	Final Charter Document	David Ceppos	06/30/15			Complete	The draft charter document is on the agenda for the 1/29/15 SC meeting.
	Annual Reporting /	Updated Ambient Sediment Threshold Concentrations	Jennifer Sun	07/17/15		12/31/14	Complete	Report was presented to LTMS agencies. The report will be finalized after BCDC, RB2 and EPA provide additional comments.
	Annual Reporting /	S&T Bird Egg Report (2006/2009/2012)	Jennifer Sun	07/31/15		01/31/13		Report was completed and distributed to TRC and Science Advisors in January 2015. Staff have revised the report accordingly. Report is undergoing internal review by senior scientists.
	Annual Reporting /	2013-2014 Annual Monitoring Report	Jennifer Sun	07/31/15		03/31/15	Complete	Report has been published to the RMP website - Annual Monitoring Report page and biblio.
	Status and Trends / I. Bay Margins Sediment Study	Field Sampling for Margins Sediment	Don Yee	07/31/15			Complete	Field sampling began in July 2015.
	Status and Trends / J. Analysis of S&T Impacts, Changes, and Data	Final Manuscript on RMP Influence on Mgmt Decisions	Philip Trowbridge	08/07/15				Article resubmitted in mid-August. Editor has requested 2 more figures. These will be added in September.
	Status and Trends / A. Field Work and Logistics	Collection of Water Samples	Philip Trowbridge	08/21/15			Complete	
	Status and Trends / F. Contracts for Bird Egg Monitoring	Sampling Plan and contracts bird egg field sampling and analytical work	Jennifer Sun	09/30/15				Samples will be collected in late Feb 2016. Contract with USGS should be in place by October. This task was delayed from the 2015 winter season. Original Due Date: 1/31/15.
	Annual Reporting /	Coring Manuscript	Don Yee	10/31/15		10/31/13		Waiting for comments from co-authors. Latest edit suggestions from Hammond (co-author) 3/31. Need ~16 hrs to revise & submit. Original due date: 10/31/13
	Data Management / C. Quality Assurance System	Laboratory IC Study for Selenium in Water	Don Yee	12/16/15				The Regional Board is not recommending this study.
	Annual Reporting / C. Annual Monitoring Report	2015 Annual Monitoring Report	Jennifer Sun	12/16/15				
	Annual Reporting / D. Updates to Copper SSO and Dredged Material Thresholds	Update RMP Website with Ambient Sediment Thresholds	Jennifer Sun	12/16/15				
	Status and Trends / I. Bay Margins Sediment Study	Final Report on Bay Margins Sediment Study	Don Yee	12/31/15				

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	Status and Trends / F. Contracts for Bird Egg Monitoring	Collection of Bird Egg Samples	USGS	01/31/16		06/30/15		Bird egg samples will be collected in January 2016.
	Status and Trends / I. Bay Margins Sediment Study	Presentation of preliminary data from Bay Margins Sediment Study to TRC	Don Yee	03/31/16				
	Annual Reporting /	2014 Sportfish Monitoring Report	Jay Davis	06/30/16		12/31/15		Data collected. Report will be written after data are received from labs.
Dioxin	Governance / C. WG meetings	Dioxin Workgroup Meeting	Don Yee	06/08/15			Complete	
Emerging Contaminants	Emerging Contaminants Special Studies /	Broadscan Screening of Biota for CECs - Final Report	Rebecca Sutton	12/31/14			Complete	The report was completed on 4/24/15. Posted to website at <a href="http://www.sfei.org/documents/broad-scan-bay-contaminants">http://www.sfei.org/documents/broad-scan-bay-contaminants</a>
Emerging Contaminants	Emerging Contaminants Special Studies / Developing Bioanalytical Tools (Year 1)	Final Report	Rebecca Sutton	12/31/14			Complete	Year 1 report completed. Original due date: 12/31/13
Emerging Contaminants	Emerging Contaminants Special Studies / EC Microplastics Monitoring	Microplastics Water Sample Collection	Rebecca Sutton	01/30/15			Complete	Microplastics water samples collected in January 2015.
Emerging Contaminants	Governance / C. WG meetings	Emerging Contaminants Workgroup Meeting	Rebecca Sutton	04/30/15			Complete	Meeting date set for 4/30/15.
Emerging Contaminants	Emerging Contaminants Special Studies / EC Strategy Support	Update CEC Strategy Document	Rebecca Sutton	10/30/15		08/31/15		An abbreviated update for 2015 has been drafted and provided to ECWG and TRC for comments. The RMP has funded a more extensive update in 2016.
Emerging Contaminants	Emerging Contaminants Special Studies / PFCs in Bay Biota	Final Report	Meg Sedlak	10/31/15		03/31/13		Manuscript submitted to ET&C; rejected but strongly encouraged to revise based on reviewers comments and resubmit. This task will be left open until the journal is accepted. Original due date: 3/31/13
Emerging Contaminants	Emerging Contaminants Special Studies / EC Strategy Support	CEC Briefing for Water Board	Rebecca Sutton	10/31/15		08/31/15		RMP staff delivered a background memo on PFOS and management actions for the Water Board on 2/6/15. The CEC briefing will take place in October.
Emerging Contaminants	Emerging Contaminants Special Studies /	Alternative Flame Retardants Study - Final Report	Rebecca Sutton	12/31/15		06/30/15		Will give a talk on preliminary data at the Flame Retardant Dilemma symposium at UC Berkeley on 2/13. Original due date: 6/30/15
Emerging Contaminants	Emerging Contaminants Special Studies / Developing Bioanalytical Tools (Year 2)	Final Report	Rebecca Sutton	12/31/15				Year 2 work underway. The PIs provided an update at the ECWG meeting on 4/30/15.
Emerging Contaminants	Status and Trends / J. Analysis of S&T Impacts, Changes, and Data	Submitted Manuscript on RMP Fipronil Data	Rebecca Sutton	12/31/15				
Emerging Contaminants	Communications / D. Fact Sheets and Outreach Products	Final Microplastics Manuscript	Rebecca Sutton	03/31/16				
Emerging Contaminants	Communications / D. Fact Sheets and Outreach Products	Final Microplastics Fact Sheet	Rebecca Sutton	03/31/16				
Emerging Contaminants	Emerging Contaminants / EC Wastewater Monitoring	Final Manuscript on Effluent Monitoring for CECs	Rebecca Sutton	03/31/16				Effluent sampling was completed in October 2014. Laboratories have provided data, which are undergoing QA/QC review. Fipronil and PFC data will be written up in separate manuscripts.
Exposure and Effects	Exposure and Effects Special Studies / Copper and the Olfactory Nerve Study	Final Report	Philip Trowbridge	12/31/14			Complete	Final report completed by 5/31/15.
Exposure and Effects	Governance / C. WG meetings	Exposure and Effects Workgroup Meeting	Philip Trowbridge	06/10/15			Complete	
Exposure and Effects	Governance / C. WG meetings	EEWG Meeting Summary	Jennifer Sun	06/19/15			Complete	Draft meeting summary sent to EEWG.
Exposure and Effects	Exposure and Effects Special Studies / Effects of Particle Size/Shape on Toxicity	Final Report	Jennifer Sun	06/30/15		04/30/15	Complete	Draft final report was sent to the EEWG on 6/3/15. No comments received by 6/17/15. Report was posted to the SFEI website and will be added to a project page once a project page is created.

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Exposure and Effects	Exposure and Effects Special Studies / Assessing the Impacts of Periodic Dredging on Benthic Habitat Quality	Final Report	Philip Trowbridge	12/01/16				Technical Assistance Agreement has been executed and research is underway.
Nutrients	Nutrient Special Studies / Nutrients Conceptual Model and Scenario Building	Final Report	Dave Senn	09/30/14			Complete	A draft final report was completed and posted on <a href="http://sfbaynutrients.sfei.org">sfbaynutrients.sfei.org</a> . The document is considered a "living document" so some sections may be revised as additional comments are received or our understanding of the system changes. However, almost all of the content will not change. Original due date: 12/31/12
Nutrients	Nutrient Special Studies / Nutrients Stormwater Sampling (WY 2013)	Final Report	Dave Senn	12/31/14			Complete	Report posted on <a href="http://sfbaynutrients.sfei.org">sfbaynutrients.sfei.org</a> . Original due date: 12/31/13
Nutrients	Nutrient Special Studies / Detailed Nutrient Modeling Workplan	Final Report	Dave Senn	12/31/14			Complete	Report posted on <a href="http://sfbaynutrients.sfei.org">sfbaynutrients.sfei.org</a> . Original due date: 1/31/14
Nutrients	Nutrient Special Studies / Moored Sensor Pilot Program	Final Report	Dave Senn	12/31/14			Complete	Report posted on <a href="http://sfbaynutrients.sfei.org">sfbaynutrients.sfei.org</a> . Original due date: 5/31/14
Nutrients	Nutrient Special Studies / Algal Biotxin Monitoring (SPATT)	Final Report	Dave Senn	04/30/15			Complete	Contract extended to 4/30/15 to allow for more sample analysis. Final technical report is complete and posted on <a href="http://sfbaynutrients.sfei.org">sfbaynutrients.sfei.org</a> . Original due date: 5/31/14
Nutrients	Nutrient Special Studies / Nutrient Model Development	Progress Report	Dave Senn	07/31/15		12/31/14		This task is for actual model development. This project is on-going, but progress to date, along with other core Nutrient Science Program projects, will be summarized in an annual report expected Sept 2015. Modeling hire began August 2015. Original due date: 12/31/14
Nutrients	Nutrient Special Studies / Nutrient Monitoring Program Development	Final Report	Dave Senn	07/31/15		12/31/14		Program Development Plan completed in June 2014. This project is on-going, but progress to date, along with other core Nutrient Science Program projects, will be summarized in an annual report expected Sept 2015. Original due date: 12/31/14
Nutrients	Nutrient Special Studies / Nutrients Stormwater measurements (WY2014)	Final Report	Dave Senn	07/31/15		12/31/14		Report due date changed to allow for public release of data (expected Q1 2015). Progress of this project, along with other core Nutrient Science Program projects, will be summarized in an annual report expected Sept 2015. Original due date: 12/31/14
Nutrients	Nutrients Special Studies / Nutrient Moored Sensor Program Development	Nutrient Moored Sensor Program Year 2 Final Report	Dave Senn	09/30/15		05/31/15		End date extended to 9/30/15 to allow for two full years of data collection, 5 additional instruments have been installed in Lower South Bay in Spring-Summer 2015. Progress of this project, along with other core Nutrient Science Program projects, will be summarized in an annual report expected September 2015.
Nutrients	Nutrients Special Studies / Nutrient Biogeochemical Mapping in Lower South Bay	Biogeochemical Mapping in Lower South Bay: Phase I Progress Report	Dave Senn	09/30/15				Two cruises completed thus far (April and July 2015). Preliminary data analysis is underway. Third cruise expected for Sept 2015.
Nutrients	Nutrients Special Studies / Nutrient Modeling Program Development	Phase 1 Nutrient Modeling Data Quality Objectives Plan	Dave Senn	10/31/15		06/30/15		Modeling hire began in Aug 2015 and is further developing the Phase 1 modeling objectives.
Nutrients	Nutrients Special Studies / Nutrient Modeling Program Development	Progress Report on Phase 1 Modeling	Dave Senn	06/30/16				
Nutrients	Nutrients Special Studies / Nutrient Biogeochemical Mapping in Lower South Bay	Biogeochemical Mapping in Lower South Bay: Phase II Report	Dave Senn	06/30/16				
PCB Strategy	PCB Special Studies / PCB Priority Margin Unit Conceptual Model	PCB Strategy Team Meeting 1	Jay Davis	01/08/15			Complete	
PCB Strategy	PCB Special Studies / PCB Priority Margin Unit Conceptual Model	PCB Strategy Team Meeting 2	Jay Davis	05/22/15			Complete	

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PCB Strategy	PCB Special Studies / PCB Priority Margin Unit Conceptual Model	PCB Strategy Team Meeting 3	Jay Davis	06/08/15			Complete	
PCB Strategy	PCB Special Studies / PCB Priority Margin Unit Conceptual Model	PCB Margin Unit Prioritization Draft Report	Jay Davis	07/03/15		03/31/15	Complete	Material was generated and discussed by the PCB Workgroup, and was the basis for a decision on which PMUs to begin assessing in detail. Material will be assembled into a draft document by July 3, 2015.
PCB Strategy	PCB Special Studies / PCB Priority Margin Unit Conceptual Model	PCB Margin Unit Prioritization Final Report	Jay Davis	07/24/15		04/30/15		Revision of the draft report was delayed due to conflicting higher-priority deadlines (SOTER, PULSE, and SOTEC). Revision of draft report will be completed by the end of October 2015.
PCB Strategy	PCB Special Studies / PCB Priority Margin Unit Conceptual Model	PCB Priority Margin Unit Conceptual Model Final Report	Jay Davis	02/26/16				
Pulse Report	Annual Reporting / A. Pulse Report	Final Pulse Report	Jay Davis	09/18/15			Complete	
Selenium Strategy	Selenium Special Studies / Selenium Strategy Team Meeting	WebEx Meeting	Jay Davis	01/31/15			Complete	RMP convened the Selenium Strategy Team for a teleconference on 1/14/15 to consider a proposal on sturgeon fin ray analysis and to coordinate field monitoring efforts. The next meeting will be scheduled before 6/30/15.
Selenium Strategy	Governance / C. WG meetings	Selenium Work Group Meeting	Jay Davis	06/12/15			Complete	
Selenium Strategy	Governance / C. WG meetings	Selenium Work Group Meeting Summary	Jennifer Sun	06/19/15			Complete	
Selenium Strategy	Selenium Special Studies / Selenium in Fish Tissue Plugs CY2014 Report	Selenium in Fish Tissue Plugs CY2014 Interim Final Report	Jennifer Sun	06/30/15			Complete	
Selenium Strategy	Selenium Special Studies / Selenium in Fish Tissue Plugs CY2014 Report	Selenium in Fish Tissue Plugs CY2014 Final Report	Jennifer Sun	09/30/15				Report to include isotope data (arrived in July 2015) and any revisions requested by the Selenium WG.
Selenium Strategy	Selenium Special Studies / Selenium Information Synthesis	2015 Selenium Information Synthesis and Strategy Update	Jay Davis	12/31/15				
Selenium Strategy	Selenium Special Studies / Selenium Delta Fish Derby Monitoring	2015 Sturgeon Derby Final Report	Jennifer Sun	02/26/16				Samples collected on 1/31/15 and 2/1/15. Scope of sampling has been expanded to include fin ray analyses.
Selenium Strategy	Selenium Special Studies / Selenium Sturgeon Tissue Plug Monitoring	2015 Sturgeon Muscle Plug Final Report	Jennifer Sun	05/31/16				
SOTE Conference	Annual Reporting / B. Annual Meeting	State of the Estuary Conference	Philip Trowbridge	09/18/15				
Sources Pathways and Loadings	STLS Special Studies / STLS Wet Weather Characterization	Collection of Stormwater Samples at >20 sites	Lester McKee	04/30/15			Complete	In progress. During the rainy period in early December, we were very successful and collected WQ samples from 19 locations. We currently have 26 sites on our list (attached) which puts us at about 73% complete for the season.
Sources Pathways and Loadings	Governance / C. WG meetings	Sources Pathways Loading Workgroup Meeting	Lester McKee	05/15/15			Complete	May 15th meeting date
Sources Pathways and Loadings	STLS Special Studies / STLS Regional Watershed Model	Workplan for Regional Watershed Model CY15 Updates	Lester McKee	05/29/15			Complete	Workplan is complete.
Sources Pathways and Loadings	STLS Special Studies / Load Monitoring in Representative Watersheds (WY2014)	WY2014 POC Monitoring Final Report	Lester McKee	07/31/15		02/26/15		Draft sent to BASMAA on 2/23/2015 for inclusion in annual reporting. BASMAA comments incorporated into a final report. The final report was sent to TRC, SPLWG, and STLS for review on 4/24/15 with comments requested by 5/31/15. Remaining is to review and incorporate comments from Kelly Moran and Dave Schoelhammer. Original due date: 12/31/14
Sources Pathways and Loadings	STLS Special Studies / STLS Trends Strategy	Workplan for Stormwater Trends Strategy	Lester McKee	08/31/15		05/29/15	Complete	A draft workplan was presented to SLTS on 6/4/15 and comments are being incorporated. A team kickoff meeting has been scheduled for July 31.

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Sources Pathways and Loadings	STLS Special Studies / Multi-Year Synthesis Report	Multi-Year Synthesis Report	Lester McKee	09/30/15		02/20/15		Small Tributaries Synthesis Draft completed and sent out for review by STLS on 4/23/15. STLS provided comments on 7/20/15. Most comments have been incorporated but some remaining comments will be discussed at a meeting on 9/21/2015. Original due date: 12/31/14
Sources Pathways and Loadings	STLS Special Studies / STLS Trends Strategy	Stormwater Trends Strategy White Paper	Lester McKee	10/30/15				
Sources Pathways and Loadings	STLS Special Studies / Develop and Update Spreadsheet Model - Year 5	Final Report	Lester McKee	12/31/15		09/30/14		Project was delayed. We have completed multiple, iterative calibrations of both the sediment and hydrology models for PCBs with some promising results. Results have been presented to the SPL and we are still iteratively working on calibration for the hydrology model. A draft memo will be completed by December 2015. This deadline is tentative due to recent GIS staff turnover at SFEL. Original due date: 9/30/14
Sources Pathways and Loadings	STLS Special Studies / STLS Regional Watershed Model	Update Regional Watershed Model for PCB and Mercury	Lester McKee	12/31/15		09/30/14		Project was delayed. We have completed multiple, iterative calibrations of both the sediment and hydrology models for PCBs with some promising results. Results have been presented to the SPL and we are still iteratively working on calibration for the hydrology model. A draft memo will be completed by December 2015. This deadline is tentative due to recent GIS staff turnover at SFEL. Original due date: 9/30/14
Sources Pathways and Loadings	STLS Special Studies / STLS Regional Watershed Model	Regional Watershed Model Sensitivity Analysis and Documentation	Lester McKee	03/31/16				
Sources Pathways and Loadings	STLS Special Studies / STLS Wet Weather Characterization	POC Monitoring Report WY2015	Lester McKee	06/30/16				
Sport Fish	Governance / C. WG meetings	Sport Fish Workgroup Meeting	Jay Davis	09/30/15				Meeting Date TBD