Alameda Countywide
Clean Water Program

Contra Costa
Clean Water Program

Fairfield-Suisun
Urban Runoff
Management Program

Marin County
Stormwater Pollution
Prevention Program

Napa County
Stormwater Pollution
Prevention Program

San Mateo Countywide
Water Pollution
Prevention Program

Santa Clara Valley
Urban Runoff Pollution
Prevention Program

Sonoma County
Water Agency

Vallejo Sanitation
and Flood
Control District

Regional Pollutants of Concern Report for FY 2011-2012

and

Regional Monitoring Coalition Monitoring Status Report for February-June 2012

September 11, 2012 *

Bay Area

Stormwater Management

Agencies Association

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* Typographical corrections made to file submitted September 17, 2012 – see pages iv and 56.

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data needs and possible future monitoring collaboration will be considered as negotiations proceed.

PCB CONTROLS

This section includes summaries of regional projects/tasks conducted in compliance with provision C.12 that are not connected to parallel Mercury (C.11) provisions.

C.12.b Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation (e.g., Window Replacement) Activities

To fulfill MRP requirements in Provision C.12.b, BASMAA continued to work with the regional PCBs in Caulk Project managed by the San Francisco Estuary Partnership (SFEP) and funded by federal stimulus funds (ARRA). The objective was to evaluate the effectiveness of management practices that address legacy caulks containing PCBs as measures to reduce PCB loadings to the Bay. The project:

- Evaluated PCB levels in caulk sampled from Bay Area sites to better understand which types/ages of buildings are most likely to have caulks with PCBs, so that management actions can be targeted effectively.
- Developed potential Best Management Practices (BMPs)and a Model Implementation Process (MIP) to reduce or prevent the release of PCB-laden caulks to the environment during renovation, maintenance and demolition of Bay Area buildings and the subsequent conveyance of the PCB-laden caulks by urban stormwater runoff to San Francisco Bay.

The project concluded at the end of 2011. Final products available on the SFEP web site include:[24]

- Final Report on PCBs in Bay Area Buildings - Sampling Results and Estimate of Loadings to SF Bay
- Excel spreadsheets documenting the basis of the estimated PCB inventory in Bay Area buildings and estimated releases during demolition/renovation
- Best Management Practices
- Model Implementation Process
- Training Strategy
- Technical memorandum on existing regulatory controls and policies related to managing wastes and hazardous materials during building demolition and/or remodeling programs

During FY 2011/12, BASMAA staff continued working with the Project team on implementing the project. The BASMAA staff reported to and received feedback and guidance from the BASMAA Monitoring and POCs Committee. The staff fully participated in all facets of the project, including frequent project teleconferences, development of project work plans, review and commenting on all project

[24] http://www.sfestuary.org/projects/detail.php?projectID=29

deliverables, and a workshop held on July 26, 2011 to perform implementation trials of the recently developed regulatory process to add PCB controls to demolition/renovation permitting. The workshop targeted municipal staff with responsibility for this type of permitting.

C.12.h Fate and Transport Study of PCBs in Urban Runoff

This MRP provision requires Permittees to conduct or cause to be conducted studies aimed at better understanding the fate, transport, and biological uptake of PCBs discharged in urban runoff. The 2009-10 annual report described the specific manner in which Permittees will meet these information needs through the RMP. The RMP Multi-year Plan (see Appendix A9) describes several Strategies to address pollutant-specific information needs and support management decisions through investigation of prioritized Management Questions. During FY 2011-12 the RMP's PCB strategy activities included:

- Revisions to a draft report outlining a conceptual model of transport and food web uptake for mercury and PCBs in Bay Margin areas. Monitoring of mercury, PCBs and other pollutants in biota, both ongoing (Status & Trends) and in a special 3-year study of Small Fish living along the Bay margins that are an important link in the Bay food web (funded 2008-2010).
- Preparation of draft reports on conceptual models of general PCB fate and transport in San Francisco Bay and food web bioaccumulation.

BASMAA representatives will continue participation in RMP Work Groups and Committees to ensure future implementation of studies that meet the MRP's stated information needs, which include understanding the in-Bay transport of PCBs discharged in urban runoff, the influence of urban runoff on the patterns of food web PCBs accumulation, and the identification of drainages where urban runoff PCBs are particularly important in food web accumulation.

COPPER CONTROLS

C.13.c Vehicle Brake Pads

This MRP provision requires Permittees to engage in efforts to reduce the copper discharged from automobile brake pads to surface waters via urban runoff. Provision C.13.c.iii requires that the Permittees report on legislation development and implementation status in Annual Reports during the permit term.

Compliance is being achieved through continued participation in a process originally initiated by the Brake Pad Partnership (BPP). Through their participation in CASQA, Permittees have tracked progress in implementing Senate Bill 346 which restricts the use of several heavy metals and asbestos, and provides for a phase out of copper through