



# ***Establishing Programs in San Mateo County to Manage PCBs in Building Materials During Demolition***

Reid Bogert  
San Mateo Countywide Water Pollution  
Prevention Program

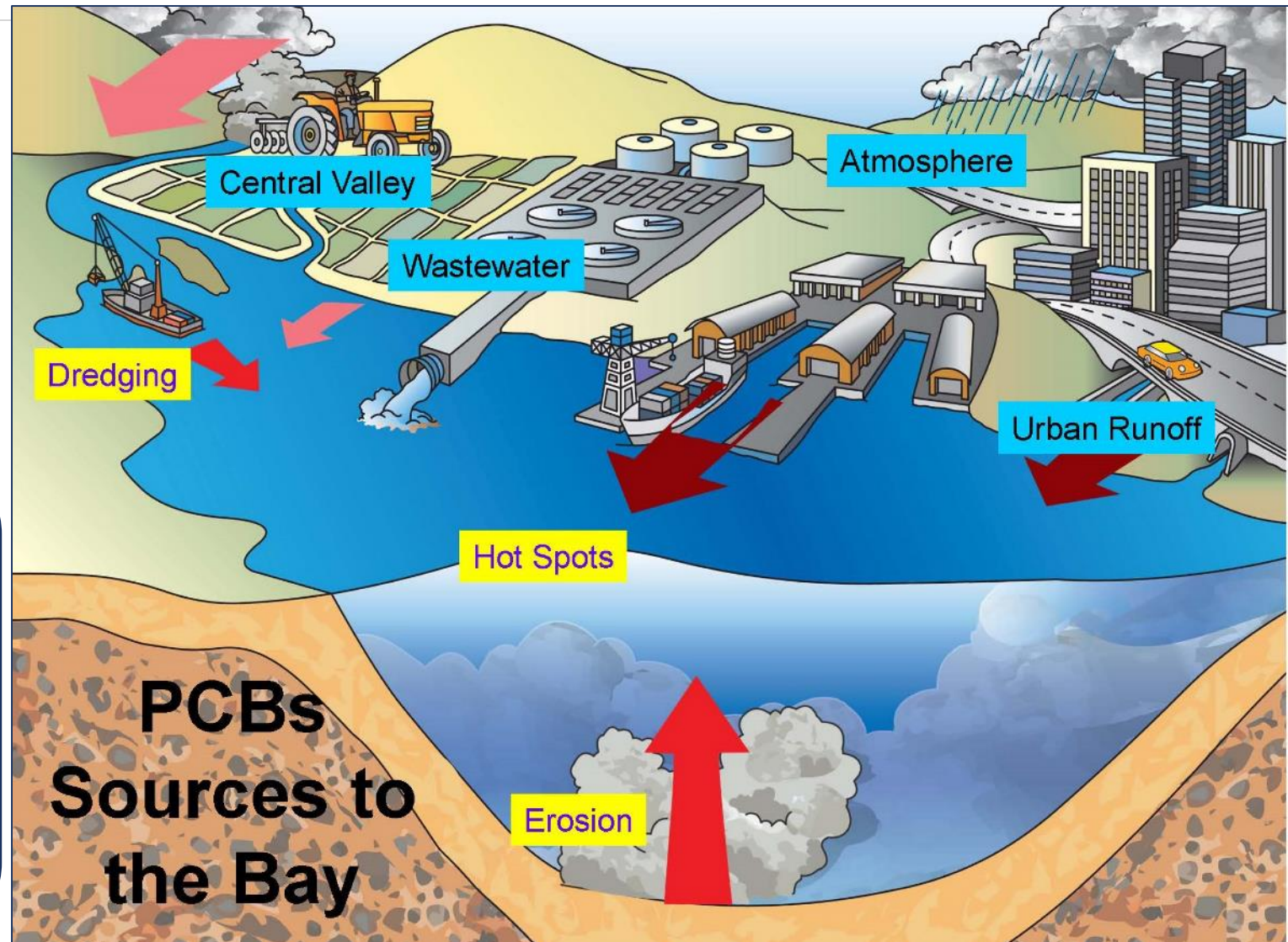


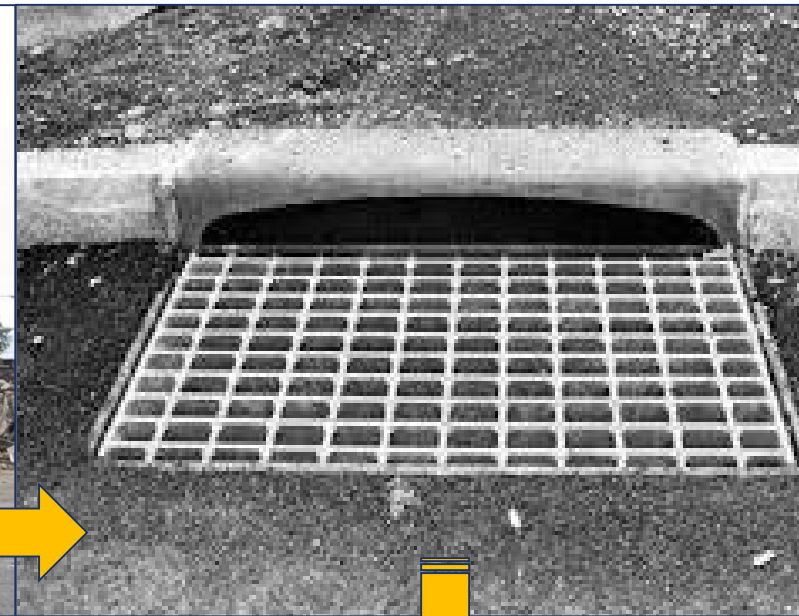


# The SF Bay PCBs TMDL identified legacy sources

- The TMDL analyzed all legacy sources
- Stormwater was identified as the largest source

- TMDL seeks 90% reduction in stormwater sources
- Building demolition was identified as a major source to urban stormwater







# MRP requires managing PCB-containing materials during demolition

Any buildings other than woodframe or single family AND constructed or remodeled between January 1, 1950 and December 31, 1980.

- Develop protocol to manage PCB-containing materials during demolition that:
  - Ensures PCBs are not discharged to storm drains when **applicable buildings are demolished**
  - Includes a method for identifying applicable buildings prior demolition
  - Provides for the necessary authority to implement program
- Implement program by July 2019
- Implementation of the program gives permittees a 2 kg/yr PCBs load reduction during the current permit term

California Regional Water Quality Control Board  
San Francisco Bay Region  
Municipal Regional Stormwater NPDES Permit

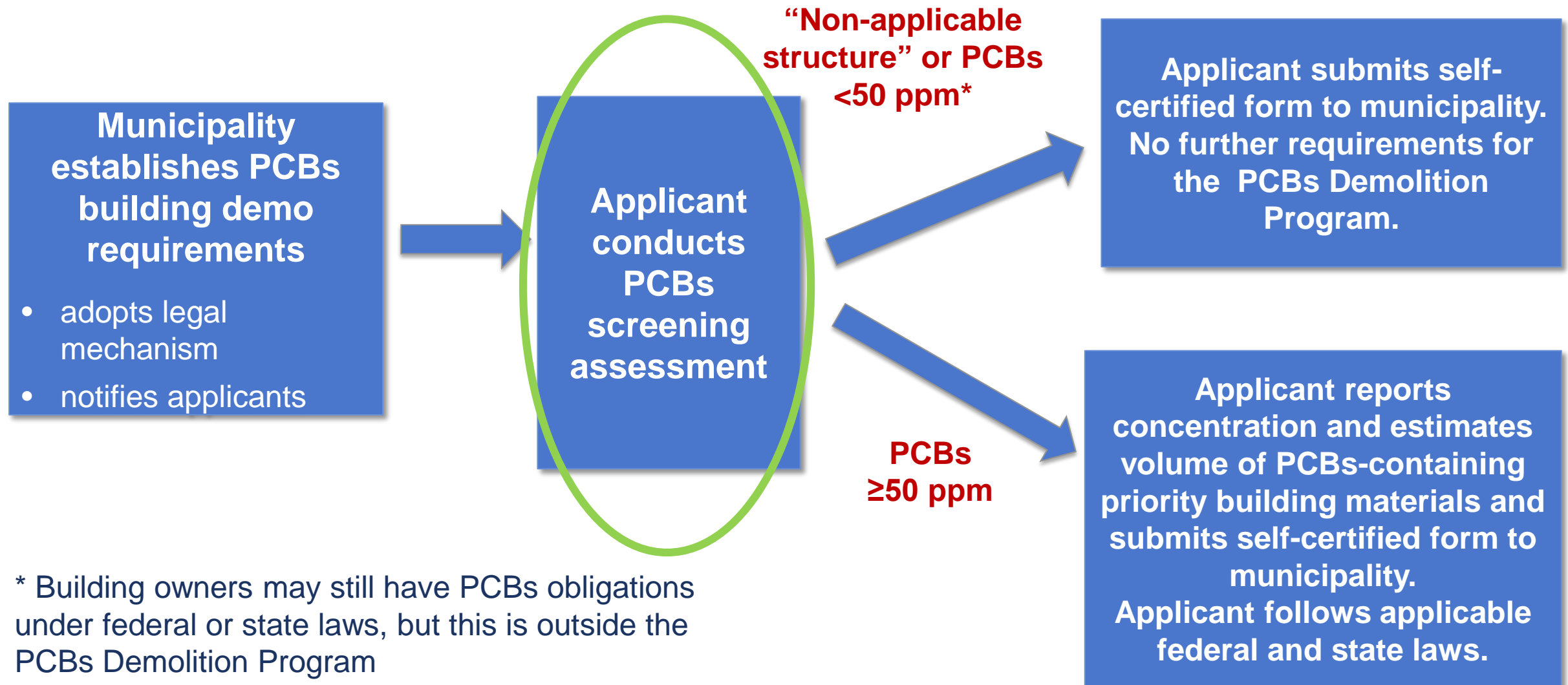
Order No. R2-2015-0049  
NPDES Permit No. CAS612008  
November 19, 2015



Whole tearing down or razing of a building per C-21 Building Moving/Demolition Contractors License definition.



# Implementation Process Overview



# Applicant Role in the Process

---

- Completes and submits an Assessment Form
  - Building is “screened out” – “non-applicable structure”; or PCBs <50 ppm
  - Building is “screened in” – found PCBs ≥50 ppm
- “Screened Out”
  - Demolition follows normal process
  - Building owners may still have PCBs obligations under federal or state laws, but this is outside the PCBs Demolition Program
- “Screened In”
  - Building owners follows state and federal laws regarding abatement and disposal of PCBs-containing materials and wastes

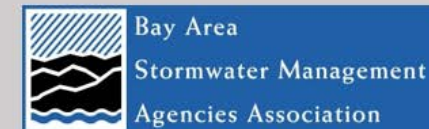
# Protocol for the PCB Evaluation Before Demolition

- **Section 3.1: identifies priority materials to be tested**
- **Section 3.2: describes PCBs sampling procedures**
  - Equipment
  - Frequency
  - Analysis and preservation
  - Quality Assurance and Quality Control Check List
- **Appendix B: provides photo examples of the priority materials**

## Protocol for Evaluating Priority PCBs-Containing Materials before Building Demolition



### Managing PCBs–Containing Building Materials during Demolition: Guidance, Tools, Outreach and Training



August 2018

# Municipal Role in This Process

---

1. Establish legal authority
2. Notify applicants about new PCBs requirements
3. Review applicant submittals
  - Confirm permit application and information is complete before authorizing demolition
  - Work with applicants to make corrections and get any missing information
4. Submit copies of forms directly to the countywide programs or BASMAA for compiling, processing and reporting on the PCBs data per MRP requirements





*Reid Bogert, Stormwater  
Program Specialist  
[rbogert@smcgov.org](mailto:rbogert@smcgov.org)  
650-599-1433*