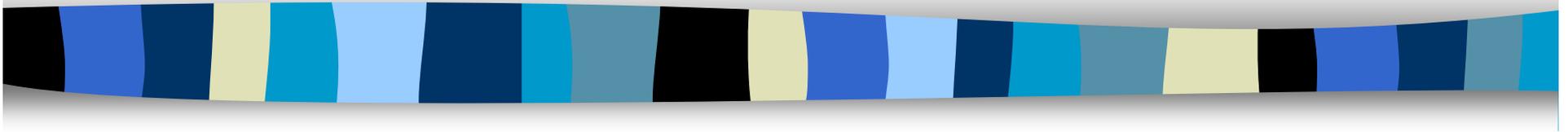


THREATENED WATERS:

Pesticide Pollution in CA Surface Waters



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July 9, 2009

www.baykeeper.org



San Francisco Baykeeper*



- Advocating for the Bay-Delta watershed since 1989
 - Keeper model: local eyes, ears and voice of the water
 - Science, Advocacy, Litigation, Public Education
- Primary focus: surface water quality of the Bay-Delta watershed

* also known as Deltakeeper and Waterkeepers

Why Does Baykeeper Work on Pesticide Pollution?



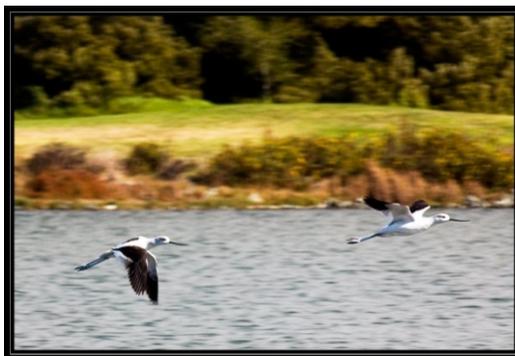
- Water quality
 - Water column
 - Sediment
- Wildlife health
 - Endangered species
 - Amphibians
 - Bioaccumulation
- Public health
 - Exposure
 - Possible risks of fish consumption

History of Baykeeper's Pesticide Efforts



- Changing the way CA regulates agricultural runoff
- Forcing permits for aquatic and aerial applications
- Challenging the way the Bay Area regulates stormwater runoff
- Requesting DPR re-evaluation

Top Recommendations Related to Pesticide Pollution



1. Agricultural runoff: *need enforceable permits*
2. Aquatic/Aerial applications: *need to enforce permits*
3. Stormwater runoff: *better monitoring, numeric limits*
(+ Local control: *cities need flexibility to restrict use*)
4. Registration process: *should be more protective*

Recommendation 1: Need Permits to Regulate Agricultural Runoff



- Pesticides detected in 96% of sites tested (Central Valley)
- More than 50% exceeded levels safe for aquatic life and drinking water
- Waivers don't work to control largest source of pesticides to our waters

Recommendation 2: Need to Enforce Permits for Aquatic/Aerial Applications

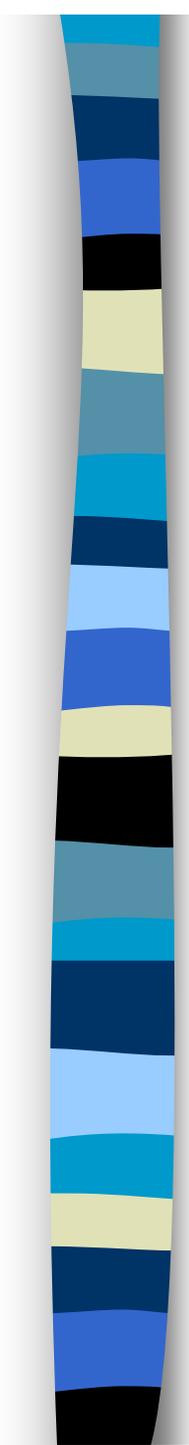


- 2004 State Board permits are still in effect
 - Need a permit for aerial spray
- Regional Boards should enforce
- Need to encourage less toxic alternatives

Recommendation 3: Need Better Monitoring and Enforceable Limits for Stormwater Runoff



- Current permits do not require adequate monitoring
- Need enforceable limits to ensure reductions
- Need local ability to restrict pesticides



Recommendation 4: Pesticide Registration Process Needs to be More Protective

CA needs to change its
paradigm to pesticide
prevention (source reduction)
rather than product-specific
restrictions

Examples:

EU vs. US

Green Chemistry Initiative

Pyrethroids



For more information

- www.baykeeper.org
- www.panna.org
- www.pesticidewatch.org
- www.pesticidereform.org
- www.beyondpesticides.org
- www.biologicaldiversity.org

