

Overview of SB 1379 Legislation

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California Environmental Contaminant Biomonitoring Program
Scientific Guidance Panel Meeting

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Background – Prior History

- Biomonitoring bills were considered in the Legislature in 4 consecutive sessions
 - Two failed in the Legislature
 - SB 600 (Ortiz, 2005 session) was vetoed
- SB 1379 (Perata, 2006 Legislative session) signed by Governor Schwarzenegger on Sept 29, 2006

SB 1379: Big Picture

- Establishes the California Environmental Contaminant Biomonitoring Program (CECBP)
- CECBP shall utilize human biological specimens to identify “designated chemicals” in statewide surveys
- Strong emphasis on:
 - science – including integral role of the Scientific Guidance Panel and “scientifically based” surveys
 - community and public participation

CECBP – Major Program Components

- Science
 - Scientific Guidance Panel (SGP)
 - Statewide survey
 - Guidelines and protocols
- Collaboration
 - Public and community participation
 - Interdepartmental linkages
 - U.S. Centers for Disease Control and Prevention (CDC)
- Communication
 - Results communication to participants
 - Reports and public information

CECBP: Scientific Guidance Panel

- Peer review and recommendations on the design and implementation of the program, including recommendations for priority chemicals.
- More to come in subsequent presentations

CECBP – Statewide Survey

- “Biomonitoring shall use scientifically based statewide surveys” (105441)
 - Participants “shall reflect the age, economic, racial, and ethnic composition of the state” (105443(b))
- Community-based surveys contingent on funding, and “shall be statistically valid and scientifically based” (105441)
 - A “community” can be geographically or non-geographically based population



CECBP: Guidelines and Protocols

- SB 1379 mandates that the program develop core operational “guidelines and model protocols that address the science and practice of biomonitoring” that include:
 - Study design
 - Subject recruitment
 - Data collection and management
- These shall:
 - Ensure confidentiality and informed consent
 - Communicate findings
 - Emphasize cultural sensitivity
 - Guide other state-funded biomonitoring efforts

CECBP: Public and community participation

- The activities of the panel and program implementation should “provide opportunities for public participation and community capacity building with meaningful stakeholder input.” (105451 (a))
 - CECBP “shall develop a strategy and plan...to establish the framework for integrating public participation.” (105451(b))
 - Use of Cal/EPA’s Environmental Justice Strategy and Action Plan, as appropriate (more later)
- Public participation shall, at a minimum, include stakeholder meetings and workshops
 - Multiple opportunities for public input at this meeting

CECBP – Interdepartmental Linkages

- Establishes CECBP as a collaboration between CDPH and the California Environmental Protection Agency, with CDPH as the lead entity (105441)
 - However, most of the prescriptive bill language references “the program”
 - More on structure in subsequent presentation
- SB 1379 also requires collaboration with related programs (105444(c)):
 - CDPH - Environmental Health Tracking Program
 - OEHHA - Environmental Protection Indicators for California

CECBP: U.S. Centers for Disease Control and Prevention (CDC)

- Universe of chemicals comprise those on the CDC list, as well those added by SGP (105440(b)(6) and 105449(c))
- The program is to incorporate, as appropriate, methods used by the CDC in the federal biomonitoring program (105444(b))
 - CDC to provide technical assistance on sampling design, laboratory technology transfer and training

CECBP: Results Communication to Participants

- “Individual participants may request and shall receive their complete results.” (105443(a))
 - Differs from the CDC program
- Results to participants “shall be subject to” state Institutional Review Board protocols and guidelines
- For results indicating a significant known health risk, experienced program staff “shall consult” and recommend follow-up, as appropriate.

CECBP: Reports and public information

- Reports to the Legislature to be produced biennially, with the first due 1/1/10
 - This report will also be made available to the public
- CDPH and OEHHA are to disseminate findings “in a manner that is understandable to the average person”
- Health and exposure data shall be made available in a summary format by 7/1/10 and at least biennially thereafter

CECBP: Resources

- “Implementation of this chapter shall be contingent on a specific appropriation being provided for this purpose in the annual Budget Act or other measure.” (105453)

SB 1379 Summary

- CECBP enabling legislation is ambitious and complex
- Lays the foundation for a well grounded biomonitoring program
- Implementation will be an iterative process involving critical input from the SGP, the public and other stakeholders