

# 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

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- 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

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- 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

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- 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

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- 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

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- 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

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- 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

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- 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)

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- 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

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- “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

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- 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

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- “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

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- 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