

**Cover Sheet for Example Documentation
for PHAB Domain 5 Standard 1 Measure 2**

The following documentation has been submitted to ASTHO for the Accreditation Library as a potential example of Health Department documentation that might meet the PHAB Standard and Measure 5.1.2A. This document is not intended to be a template, but is a reference as state health agencies develop and select accreditation documentation specific to the health department's activities.

Please note that the inclusion of documentation in this library does not indicate official approval or acceptance by PHAB.

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|---|---|-----------|---|----------|---|-------------------------|---|
| Document Title: | Presentation to Senate Committee on Toxic Waste | | | | | | |
| Document Date: | January, 2011 | | | | | | |
| Version of Standards and Measures Used: 1.0 | | | | | | | |
| Related PHAB Standard and Measure Number | | | | | | | |
| Domain: | 5 | Standard: | 1 | Measure: | 2 | Required Documentation: | 1 |
| <p>Short description of how this document meets the Standard and Measure's requirements:</p> <p>Document demonstrates that the Department contributed information to the state legislature for their use and consideration when determining public health policy and practice. Document is a presentation given to the Senate Committee on Water and Environment on the current status of Toxic waste, and its impact on human health, given by a toxicologist that works for the Department.</p> | | | | | | | |
| Submitting Agency: | Washington State Department of Health | | | | | | |
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PUBLIC HEALTH

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Toxic Chemicals and People

Senate Environment, Water and Energy Committee
January 11, 2011

Barbara Morrissey, Toxicologist
Office of Health, Safety and Toxicology

Commercial Chemicals Can End Up in People

Over 200 chemicals measured in people's bodies in the general U.S. population – CDC national survey 2010

- Plastic additives
- Flame retardants
- Solvents
- Pesticides
- Heavy metals
- Cleaning compounds
- Industrial chemicals
- Preservatives

Why We Are Concerned

Environmental chemicals
can cause harm

- Learning and behavior problems (mercury, lead, PCBs)
- Asthma (air pollution, second hand tobacco smoke)
- Cancer (arsenic, solvents, combustion byproducts)

Vulnerable Populations



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Public Health – Prevention Model

“An ounce of prevention is worth a pound of cure”

- Surveillance
- Hazard assessment
- Intervention to prevent exposure
- Measure success



Public Health Activities – Environmental Chemicals

Surveillance

- Biomonitoring
- Fish consumption
- Lead screening
- Pesticide illness
- Children's Safe Products

Hazard Assessment

- State toxic waste sites

Prevention

- Lead outreach
- Fish advisories
- Support PBT action plans
- Support state bans on BPA, flame retardants
- Smoke Free Washington

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