

Department of Civil Engineering
Gonzaga University
502 East Boone Avenue
Spokane, WA 99258-0102
Email: shimabuku@gonzaga.edu
Phone: 509 313-3552



July 13, 2020

RE: PCBs in products database development – Phase I Scope of Work

Dear Spokane River Regional Toxics Task Force (SRRTTF) TSCA/iPCB Workgroup,

The environmental engineering research team at Gonzaga University (GU) is excited to support the SRRTTF-TSCA/iPCB Workgroup in developing a PCBs in products database in a Phase I project to determine the availability of data to include in a database. This effort will determine if there is sufficient data to warrant the development of a database in Phase II. Requesting data from organizations will also provide an opportunity to connect the TSCA/iPCB Workgroup with entities that may be interested in working together to achieve common goals.

Scope of Work

Task 1: Request data from entities suspected of testing for PCBs in products

Identify entities to contact – organizations that may collect relevant data will be identified through the following avenues:

- Reach out to labs that test for PCBs using Method 1668 and request the contact information of their clients
- The Environmental Council of the States (ECOS) in 2012 developed a resolution requesting that PCB rules be reassessed, and several state agencies that signed this resolution might also collect PCBs in products data. The contact information of these agencies will be requested from ECOS.
- Search online to identify organizations that collect relevant data. Organizations located in regions where PCBs are of greater concern (e.g., Delaware River Basin Commission, San Francisco Bay, Chesapeake Bay) will be searched for initially.
- Washington Departments of Enterprise Services (DES) will be contacted for any leads.

To identify any other contacts SRRTTF members and associates could provide, an email will also be sent to the SRRTTF mailing list requesting the contact information of entities that might collect relevant data.

Communication with identified organizations – after making contact with entities that may collect PCBs in products data they will be made aware of:

- SRRTTF's interest in collecting data. Clear messaging about the databases purpose and how data might be presented could be critical for organizations to feel comfortable with sharing data that

would be made publicly available. It will be communicated that the purpose and structure of the database is still being defined, but it will be developed to:

- Support SRRTTF’s mission to (i) identify potential sources of PCBs, including PCBs found in products, (ii) prevent PCBs from entering the Spokane River and (iii) bring the Spokane River into compliance with water quality standards
- Limit redundant testing of PCBs in products
- Support efforts to educate the public on the presence of PCBs in products
- SRRTTF’s desire to address the discrepancy between TSCA regulations and water quality standards
- Partner with entities interested in lowering PCB levels in products.

Task 2: PCBs in products data online search

PCBs in products data that is available online will be searched for in peer-reviewed articles, gray literature, and any other mediums found online. This search will focus on products manufactured and/or sold in the United States.

Deliverables

Any raw data collected through the search will be shared with the TSCA/iPCB workgroup and a summary of the findings surrounding the volume of data and its attributes (e.g., Owner of data, date of collection, types of products analyzed, laboratory test methods used) will be summarized in a presentation that will most likely be shared via Zoom.

Schedule

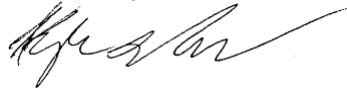
GU will start on this scope of work after being notified to proceed. The project schedule will span a period of approximately six weeks. Once the project begins, updates can be provided to the SRRTTF-TSCA/iPCB Workgroup as needed. At the end of the six week period, the raw data collected will be provided and the date of a presentation to share findings will be scheduled with the SRRTTF-TSCA/iPCB Workgroup. A draft slide deck will also be shared at this time, and any comments provided to GU on the slide deck before the scheduled presentation will be incorporated prior to the meeting.

Budget

As shown in the Table below, the proposed budget is \$1,965, which includes Dr. Kyle Shimabuku’s time, Undergraduate Research Student’s time, and university overhead.

Task	Task Description	Dr. Kyle Shimabuku	Undergraduate Research	Subtotal Hours	Subtotal Costs
1	PCBs in products data request from organizations	15	5	20	\$ 1,446
2	PCBs in products data online search	2	20	22	\$ 519
Proposed Total					\$ 1,965

Sincerely,

A handwritten signature in black ink, appearing to read 'Kyle Shimabuku', written in a cursive style.

Kyle Shimabuku, PhD, PE
Assistant Professor of Civil Engineering