

Initial Draft Work Plan – 2021 to 2023 State Biennium Budget
(May 20, 2021 Version)

The SRRTTF will be receiving its largest allocation of state funding for the upcoming 2021 – 2023 biennium, which begins July 1 and concludes June 30, 2023. This provides an opportunity for the Task Force to take its efforts to find and reduce PCBs to the next level.

The Task Force outlined its preliminary funding plan and priorities in communications to state legislators in its January 7, 2021 communication (see Attachment 1). This document builds off that effort and provides additional detail for the biennium work plan with the intent to thoughtfully and responsibly direct funding.

Individual Task Force work groups have been identifying and ranking projects and activities since early 2021, with initial prioritized project lists provided by the Tech Track and iPCB/TSCA work groups. Education & Outreach have also been working on recommended outreach activities.

At the April 2021 Task Force meeting, additional guidance was provided on work plan development, as provided below (not in order of priority):

- **Identify and support larger scale projects**
- **Develop and implement an environmental justice strategy to reduce human health impacts to more vulnerable populations, in partnership with others in the community**
- **Focus on hot spots in Mission Reach**
 - Assemble temporary work group to develop sampling strategy to target sources
 - Collect additional water quality samples, once SPMD 2 and 3 data findings are available
 - Assess methods to remediate any identified sources in Mission Reach
 - Use RFP process to help with identifying clean up strategies, noting this can take time
 - Consider PCB sniffing dog, sampling of sediment pockets observed during artificial fill sampling, drive-point WQ piezometers
- **More information on the gap area between reaches 4 and 5**
- **Emphasize research and development along with site assessment**
- **Identify and evaluate methods and materials in treatment technologies for further reducing PCBs in treatment processes**
 - Set up new work group?

An informal group comprised of work group leads and the SRRTTF Administrative Contracting Entity (ACE) and the facilitation team have met, considering Task Force guidance and past communications, to review and compile inputs from the work groups into an initial draft work plan. In addition to the guidance provided by the Task Force, this group developed additional guidance for Task Force consideration, including the following:

- See if we can identify a PCB source in the Mission reach and get a focused remediation process underway even if we can't complete it in the next two years.

- Leave some budget unallocated initially to provide flexibility on items that may emerge over the next year or so as additional data collection results or other information becomes available.
- Identify ways to participate in State-conducted testing for toxics in consumer products per recently passed State law
- Provide opportunity for additional Task Force ideas on activities to include in the work plan and for public input.

The initial draft work plan is provided below.

| 2021-2023 Draft Work Plan | | | | | | | | | |
|---|---|---|-------------|------------------|--------------|------------------|-----------|-------------------|--|
| Summary Action (organized by Work Groups) | | | | | | | | | |
| ANTICIPATED FUNDING - \$2,000,000 | | | | | | | | | |
| 2021 - 2023 (Estimated Timing) | | | | | | | | | |
| Notes | Task | Description | 7/1 - 12/21 | 1/1 - 6/22 | 7/1 - 12/22 | 1/1 - 6/23 | Task | Qualifiers | |
| | TTWG Recommended Projects (sorted by priority) | | | | | | | Total | |
| | 1 | Long-term effectiveness monitoring - water column and fish | | | \$100,000 | \$100,000 | \$200,000 | | |
| | 5 | Groundwater elevation monitoring to determine periods of groundwater inflow – Mission Reach near Basalt – SVRPA interface | \$5,000 | | | | \$5,000 | | |
| | 7 | Additional water column monitoring in Mission Reach (hot spot) | | \$10,000 | \$40,000 | | \$50,000 | | |
| | 6 | Monitor Artesian Well – Mission Reach | \$10,000 | | | | \$10,000 | | |
| | 10 | Selective low flow water column synoptic sampling (including USGS gage to 9-Mile reach mass balance) | | | \$50,000 | \$25,000 | \$75,000 | | |
| Complete by 6/30/21? | 11 | Sources and Pathways of PCB-11: Phase I | \$8,000 | | | | \$8,000 | | |
| | 3 | Analysis of Existing Bottom Sediment Samples from Trent Bridge | \$5,000 | | | | | | |
| | 2 | Subbottom object detection | Under dev | | | | \$0 | | |
| | TSCA Recommended Projects (sorted by priority) | | | | | | | | |
| | 2 | Develop Industry List of Pigments (Chlorinated vs. Non-Chlorinated) | \$10,000 | | | | \$10,000 | | |
| | 1 | Newsprint/Graphic Printing Trials w/Non-Chlorinated Inks/Pigments | | \$35,000 | | | \$35,000 | | |
| | 5 | Lower Procurement Limits Campaign, Phase 1 - 3rd Party research effo | \$10,000 | | | | \$10,000 | | |
| | 4 | Sources & Pathways of PCB-11, Phase 2 (TBD) | | | | | \$0 | | |
| | 7 | Petition EPA to enforce PCBs in products under TSCA (TBD) | | | | | \$0 | | |
| | 8 | Petition EPA to perform Cost/Benefit Analysis and reevaluate TSCA (TBD) | | | | | \$0 | | |
| | Education & Outreach Projects | | | | | | | | |
| | 1 | Media Campaigns | | \$20,000 | | | \$20,000 | | |
| From TSCA | 2 | Further Develop iPCB Education & Outreach Campaign Objectives | \$9,000 | \$15,000 | | | \$24,000 | Partial guess | |
| | 3 | Environmental/social justice initiative | \$5,000 | \$5,000 | \$5,000 | \$5,000 | \$20,000 | Guess | |
| | 4 | Building demolition and renovation controls - updated | | \$15,000 | \$5,000 | | \$20,000 | | |
| | Database management | | | | | | | | |
| | 1 | Maintain and update database | \$5,000 | \$5,000 | \$5,000 | \$5,000 | \$20,000 | | |
| | PMF | | | | | | | | |
| From TTWG | 1 | PMF Phase 2B | \$5,000 | | | | \$5,000 | | |
| | PCB Treatability Investigations Work Group (Proposed) | | | | | | | | |
| | 1 | Review technologies and develop work plan | \$25,000 | \$25,000 | \$50,000 | | \$100,000 | guess | |
| | 2 | Implement initial work plan activities | | | | \$100,000 | \$100,000 | guess | |
| | General Activities | | | | | | | \$0 | |
| | 1 | Review and update SRRTTF Comprehensive Plan/adaptive management | | \$15,000 | \$15,000 | | \$30,000 | Educated guess | |
| | 2 | LimnoTech Technical Support | \$30,000 | \$30,000 | \$30,000 | \$30,000 | \$120,000 | Need confirmation | |
| | 3 | ACE Administration | \$2,500 | \$2,500 | \$2,500 | \$2,500 | \$10,000 | | |
| Combo virtual and in person | 3 | SRRTTF Facilitation | \$21,000 | \$21,000 | \$21,000 | \$21,000 | \$84,000 | | |
| | Total Cost (by period) | | \$150,500 | \$198,500 | \$323,500 | \$288,500 | \$961,000 | check | |
| | | | | | Total | \$961,000 | | | |
| | | | | Remaining | | \$1,039,000 | | | |
| | Other Activities - Pending additional scoping and discussions in WGs | | | | | | | | |
| | PCB Sniffing Dog | | | | | | | | |
| | Sediment sampling in Mission reach | | | | | | | | |
| | Temporary drive point piezometers for Mission (when gaining) to obtain WQ samples | | | | | | | | |
| | Other actions from Comprehensive plan? | | | | | | | | |

Attachments

SPOKANE RIVER REGIONAL TOXICS TASK FORCE
MONSANTO PCB SETTLEMENT FUNDING REQUEST LETTER

January 7, 2021

Dear Spokane Area State Senators and Representatives:

We appreciated the opportunity to have met with many of you in December to discuss the Spokane River Regional Toxics Task Force (Task Force) work, the \$60 million Monsanto Settlement funding added to the State General Fund, and the need for a long-term dedicated funding mechanism for addressing PCB contamination in the state.

In follow up, we are pleased to provide this more specific request. The Task Force reiterates our request that the Monsanto settlement received by the State be dedicated to a long-term fund for PCB reduction efforts. This fund can support PCB investigations and studies, monitoring, education and outreach, engineering evaluations, and remediation efforts for situations where potentially responsible parties are not readily identified. As noted in our meetings, this is a long-term problem that has taken decades to develop. It will take many years to identify and remove the PCB sources affecting water bodies in the State consistent with established water quality standards where PCBs are measured in minute concentrations, e.g. parts per quadrillion.

To support this request for dedicated long-term funding, we have developed the attached 10-year list (see Attachment1, Table 1) of projects and funding needs for the Spokane River basin, which totals over \$10 million. Additionally, we have developed a specific 2021 – 2023 biennium request (see Attachment 1, Table 2) that totals \$2 million. These project lists include priority investigations, feasibility evaluations, and other activities that will help us find and reduce PCBs in the Spokane River, consistent with our Comprehensive Plan. The proposed projects will be refined and scoped through a collaborative Task Force process as funding is provided.

Funding this request for the Spokane River basin will support implementation of strategies and technologies that can reduce public health and environmental risks posed by the presence of PCBs in the Spokane River Basin, with lessons learned that can benefit the entire state, as other basins follow our lead.

As a Task Force we remain committed to making measurable progress in reducing PCB risks and achieving the associated socio-economic and environmental benefits. Thank you very much for your support of this request. We look forward to working with you over the next several years to achieve Task Force objectives.

cc w/attachment:

Governor Jay Inslee
Senate Ways and Means Chair, Senator Christine Rolfes
Speaker of the House, Representative Laurie Jinkins
House Minority Leader, Representative J.T. Wilcox

Attachment 1

Table 1 - 10-year Funding Request

| SRRTTF Draft 10-Year Funding Request Washington State Legislature for Monsanto Settlement Funds | | | |
|--|---|-------------|------------|
| Action/Project | Schedule | Cost/Annual | Total Cost |
| Long-term monitoring program | Every 2 years | \$200K | \$1000K |
| High flows synoptic sampling | 2021-2023 | \$100K | \$200K |
| Low flow synoptic to capture gw inputs between Spokane and Nine mile gages plus other stations upstream | 2021 – 2023 | \$100k | \$200K |
| Additional hot spots investigation <ul style="list-style-type: none"> - Biofilm in Mission Reach - GW elevation monitoring near Mission reach - Subbottom profiling to ID buried drums or transformers - known contaminated sites, targeting Aroclors 1254 and 1260 based on past production processes - review of historical records | 2021 – 2025 | \$400K | \$400K |
| Evaluating wastewater treatment methods and materials for PCB treatment at utility scale, including engineering evaluations, trial runs, pilot testing and further evaluations | Initiate in 2021-2023 with research of available technology. Testing and evaluation to be performed in outyears | varies | \$4,500K |
| Evaluate stormwater to drywell connection, including Industrial parks' dry wells | 2021 – 2023 | \$200K | \$400K |
| Evaluate stormwater management strategies to | 2023-2025 | \$200K | \$400K |



| | | | |
|---|-------------------------------------|-------------|---------|
| address findings from drywell and groundwater investigations | | | |
| More detailed bioaccumulation assessment - how PCBs move up to food chain | 3 year study, planned for 2023-2027 | \$250K | \$750K |
| Opportunistic sampling, e.g., additional Trent bridge piling samples | As opportunities emerge | N/A | \$15K |
| Building demolition and renovation control - to determine effectiveness and follow up actions | 2025-2027 | \$25K | \$25K |
| Enhanced waste disposal assistance - - to determine effectiveness and follow up actions | 2025 – 2027 | \$25K | \$25K |
| Education & Outreach activities | Annual/ongoing | \$40K | \$400K |
| iPCB/TSCA actions | Annual/ongoing | \$50K | \$500K |
| Review and update Comprehensive plan/adaptive management | Review and update every 2 years | \$25 - 100K | \$250K |
| Program management, facilitation and technical support | Annual/ongoing | \$105K | \$1050K |

Total \$10,065,000



Table 2: 2021 – 2023 Biennium Funding Request

| Action/Project | Total Cost |
|---|------------|
| Long-term monitoring program | \$200K |
| High flows synoptic sampling | \$200K |
| Low flow synoptic to capture gw inputs between Spokane and Nine mile gages plus other stations upstream | \$200K |
| Additional hot spots investigation | \$400K |
| Work plan for evaluating wastewater treatment methods and materials for PCB treatment at utility scale | \$100K |
| Stormwater to drywell connection, including Industrial parks' dry wells | \$400K |
| Opportunistic sampling | \$10K |
| Education & Outreach activities | \$80K |
| iPCB/TSCA actions | \$100K |
| Review and update Comprehensive plan/adaptive management | \$100K |
| Program Management, facilitation and technical support | \$210K |

Total \$2,000,000