Project Tracking for SRRTTF

Oct-17

Note - projects are listed in order of TTWG of SRRTTF ranking. Red Status and shaded denotes that project was not chosen for SRRTTF funding in the next biennium

M=Monitoring; C= Control Action; S=Support for Task Force

Project Name and ID	Project Category	Description	Status	TTWG Ranking	Comp Plan Element	Budget	Funding Source	Funding Timeline	Project Lead	Schedule
M.1 Partial Synoptic Sampling - High Frequency	Monitoring	**Partial Synoptic Sampling - High Frequency** **Scope**: Conduct multi-purpose synoptic sample at select locations to address Barker Road to Plantes Ferry Park groundwater contribution and track concentration changes. (Note: Ecology will also perform a central tendency data evaluation in 2019) (This element requires the SRRTTF to generate new additional data for compilation) **Locations** - Barker Road, Plantes Ferry Park, and Nine Mile gaging station locations **Sampling Plan** - Collect samples at each location **four** times during a calendar year so that each river flow regime is covered **Frequency** - Every other year	Approved for funding by SRRTTF - September 2017	Monitoring 1	Comp Plan Element 6.1 Implementation Effectiveness Assessment	**$50,000 / event** *(could be conducted twice over four-year period, for total of $100,000)*	SRRTTF YEAR 1 and 2	July 2017 - June 2019	?	Nov 2017 - Dec 2018 (4 alternative flow scenarios) Coordinate low flow sampling with C.3 and C.7 4 events during differing flow regimes
C.1 Analyze existing data to identify potential relationships between homologs/congeners in the water column and homologs/congeners in fish tissue at Plantes Ferry Park	Control Action	**Merged into C.6 - See C.6** **Analyze existing data to identify potential relationships between homologs/congeners in the water column and homologs/congeners in fish tissue at Plantes Ferry Park** **Scope:** Per LimnoTech scope, perform a screening level analysis with existing data to assess if fish tissue PCB concentrations are at a level generally consistent with observed water column concentrations. Note this project has now been merged with project C.6 below	Addressed under C.6	Control Action 1	Comp Plan Element 6.3.1 Key Data Gaps	n/a	n/a	n/a	n/a	n/a
C.2 Study groundwater upgradient of Kaiser	Control Action	**Study groundwater upgradient of Kaiser at Industrial Park** **Scope:** Utilize existing Kaiser groundwater data to develop a plan to determine the location of suspected sources within Industrial Park in collaborate with the Toxics Control Program which may involve the drilling and sampling of monitoring wells.	Approved for funding by SRRTTF - September 2017	Control Action 2	Comp Plan Element 5.14 Category C Identification of Sites of Concern for Contaminated Groundwater	~140K	SRRTTF- YEAR 1	July 2017 - June 2019	?	May be phased
C.3 Perform a PCB mass balance assessment in the Spokane river in the Plantes Ferry Park/Upriver Dam /Green Street Reaches	Control Action	**Perform a PCB mass balance assessment in the Spokane River in the Plantes Ferry Park/Upriver Dam/Greene Street reaches**. **Scope:** Collect dry weather flow data and surface water samples from these three locations to better determine the impacts of the gaining and losing reaches in the area. The addition of Upriver Dam location data will provide the opportunity to assess the impact of groundwater in the Upriver Dam to Greene Street gaining reach, where a contaminated groundwater site is located. (This work could also provide monitoring data based upon the option selected)	Approved for funding by SRRTTF - September 2017	Control Action 3	Comp Plan Element 5.14 Category C Identification of Sites of Concern for Contaminated Groundwater	~50K	SRRTTF - YEAR 2	July 2018 - June 2019	?	August or September 2018 - LOW FLOW
C.4 Conduct a PMF analysis utilizing available PCB data	Control Action	**Conduct a PMF analysis utilizing available PCB data.** **Scope:** Dr. Rodenburg at Rutgers to perform a watershed scale PMF analysis using available analytical data including river data, discharger monitoring data, and groundwater data. Purpose would be to try and identify any PMF factors that would help in the identification of specific source types such as Aroclors (legacy) or inadvertently produced PCBs.	Approved for funding by SRRTTF - October 2017	Control Action 4	Comp Plan Element 5.14 Category C Identification of Sites of Concern for Contaminated Groundwater	50K - 75K	SRRTTF - YEAR 1 or YEAR 2	July 2017 - June 2019		Schedule dependent on formatting data. Identify who will process data if database work is not completed
C.5 and C.11 Develop outreach materials and/or update Spokane River toxics guide.	Control Action	**Develop outreach materials and/or update Spokane River toxics guide.** **Scope:** Develop various education and outreach materials to increase business and public awareness on how to 1) identify and dispose of PCB-containing items, and/or 2) adjust purchasing practices to select products with lower PCB content. Options include an information package and checklist for use by agencies that make site visits to businesses on PCB issues and management; public education and outreach materials on PCB waste disposal and selecting products with lower PCB content; updating the Spokane River toxics guide; adapting the San Francisco Estuary Project (SFEP) document to make it suitable for use as a guidance document for Spokane-area building contractors on how to reduce PCB load during demolition and remodeling (Third party preparation of materials); AND 3) Meet with Spokane Public Schools to educate them on PCB issues with respect to their presence in building materials. Coordinate with PCB cap outreach.	Approved for funding by SRRTTF - September 2017	Control Action 5	Comp Plan Elements 5.8.2 Conduct public education on products containing PCBs; 5.9.2 Waste Disposal Assistance; 5.13 Building Demolition and Renovation Control; and 5.15.2 Actions That Require Development of New Work Plans	25K	SRRTTF- YEAR 1	July 2017 - June 2019	?	

C.6/C.1 Study to Understand Relationship Between Fish Tissue / Water Column / Sediment.	Control Action	**Study to Understand Relationship Between Fish Tissue / Water Column / Sediment.** **Scope:** SRRTTF's Spokane River data shows fairly consistent geometric mean PCB concentrations at Plantes Ferry Park and Greene Street, however, fish tissue data is markedly different at those locations. In an attempt to understand the cause of this difference, data collection in the Mission Park area would be undertaken. Water column sampling at Greene Street annually during four river flow regimes each year for three years. Sediment survey in the Mission Park area once during the same three-year period. With input from WDFW, sample fish tissue (three species), in the three years of age range, once at the end of three-year period. Also Included C.1 - Analyze existing data to identify potential relationship between homologs/congeners in the water column and homologs/congeners in fish tissue at Plantes Ferry Park.	Consider Funding under EAP if scope of work can be developed by January 2018	Control Action 6	Comp Plan Element 6.3 Studies to Address Data Gaps	~300K	Potential EAP Project		?	
C.7 Perform a PCB mass balance assessment in the River in the Spokane gage to Nine Mile gage segment.	Control Action	**Perform a PCB mass balance assessment in the River from the Green Street gage (note 1) to the Spokane gage to Nine Mile gage segments.** **Scope:** Collect dry weather flow data and surface water samples from these three locations to better determine the impact of the gaining reaches in the area. Groundwater flow into these reaches of the river has not yet been evaluated for PCB contribution. (This work could also provide monitoring data based upon the option selected.)	Approved for funding by SRRTTF - October 2017-note 1 - TF discussed and added Green street to Spokane reach to provide complete mass balance	Control Action 7	Comp Plan Element 5.14 Category C Identification of Sites of Concern for Contaminated Groundwater	~50K	SRRTTF - YEAR 2	Note - For consistency, it would be best if this project occurred at the same time as C.3	?	August or September 2018 - LOW FLOW
C.8 Educate local governments about PCB related Low Impact Development (LID)	Control Action	**Educate local governments about PCB related Low Impact Development (LID).** **Scope:** Prepare educational materials for and make presentations to local governments concerning the benefits of LID related to PCB with an emphasis on the City of Spokane's experience. (Third party preparation of materials)	Not approved for funding by SRRTTF - September or October 2017 Already being done Save for future consideration	Control Action 8	Comp Plan Element 5.4 Low Impact Development	~5K	n/a	n/a	n/a	
C.9 Green Chemistry Advancement	Control Action	**Green Chemistry Advancement.** **Scope:** In coordination with Ecology's HWTRP, prepare a presentation/proposal to Greener Solutions Program at UC Berkeley, develop a syllabus, and pursue funding for the Program's efforts. Engage with WSU (CEREO?) with an eye toward WSU starting Greener Solutions Program. (Third party prep of materials)	Approved for funding by SRRTTF - September 2017	Control Action 9	Comp Plan Element 5.7.2 Support Green Chemistry Alternatives	10K	SRRTTF Year 1	July 2017 - June 2019	?	
C.10 Conduct Product Testing	Control Action	**Conduct product testing.** **Scope:** Identify consumer products (dyes, etc.) to be tested for PCB utilizing input from previous Ecology testing data and others, such as the Spokane Solid Waste Directory.	Approved for funding by SRRTTF - September 2017	Control Action 10	Comp Plan Element 5.8 PCB Product Testing	~35K	SRRTTF Year 1 Also recommended for EAP funding EAP - Product testing, including road paint, in collaboration with EPA.	June 2017 - June 2018	?	
S.1		Ruckelshaus Facilitation - Annual Support - July 2017 -June 2019	Approved for funding by SRRTTF - October 2017	Support		~80K	SRRTTF Year 1	July 2017- June 2018		Apply July 2017 to present to new contract
S.2		LimnoTech Technical Support - January 2018 - December 31, 2018	Approved for funding by SRRTTF - October 2017	Support		~65	SRRTTF YEAR 1 and 2	July 2017- June 2019		Apply July 2017 to present to new contract