

Technical Updates

SRRTTF TTWG Meeting

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July 6, 2016

Items

- Revisions to “Cost/Effectiveness of PCB Control Actions” memorandum
 - Edits that have been made
 - Comments that merit additional discussion
- Monthly sampling update



Cost/Effectiveness of Control Actions

- June 22 draft edited in response to comments
 - Added new evaluation factor: “Time Frame”
 - How long will it take to implement and judge effectiveness?
 - Explicitly recognized that the majority of Control Actions are acting upon pathways of uncertain magnitude
 - Updated Appendix A to reflect this uncertainty



Revised Appendix A



Control Action	Magnitude of Pathway	Removal Efficiency	Cost	Implementing Entity	PP Hierarchy	Ancillary Benefit	Existing Efforts	Time Frame		
										Key
Disposal assistance	Unknown									Unknown
LID ordinance	Magnitude of Pathway									Magnitude of Pathway
Leaf removal	>1% of total load									>1% of total load
Street sweeping	0.1 - 1% of total load									0.1 - 1% of total load
Catch basin/pipe cleanout	<0.1% of total load									<0.1% of total load
Purchasing standards	Removal Efficiency									Removal Efficiency
Survey of electrical equipment	>50% reduction									>50% reduction
Regulation of waste disposal	10-50% reduction									10-50% reduction
Remove Carp from L. Spokane	<10% reduction									<10% reduction
Building demolition control	Cost									Cost
PCB-product labeling law	<\$100k									<\$100k
Leak prevention/detection	\$100k-\$1M									\$100k-\$1M
Environmental monitoring	>\$1M									>\$1M
Accelerated sewer construction	Implementing Entity									Implementing Entity
PCB I.D. during inspections	Identified and willing									Identified and willing
Regulatory rulemaking	identified									identified
Compliance with PCB regulations	None identified									None identified
Support green chemistry	Hierarchy									Hierarchy
Survey schools/public buildings	Controls production or use									Controls production or use
Education on PCB sources	Manages mobility									Manages mobility
Education on septic discharge	End of pipe control									End of pipe control
Education on consumer filtering	Ancillary Benefit									Ancillary Benefit
PCB product information	Significant									Significant
Stormwater - pipe entrance	Marginal									Marginal
Stormwater - pipe system	None									None
Stormwater - end of pipe	Existing Controls									Existing Controls
Wastewater treatment	Not currently being addressed									Not currently being addressed
I.D. of contaminated sites	Expands upon existing controls									Expands upon existing controls
Clean up of contaminated sites	Redundant									Redundant
	Time Frame									Time Frame
	Efficacy w/in two years									Efficacy w/in two years
	Efficacy w/in five years									Efficacy w/in five years
	Efficacy w/in twenty years									Efficacy w/in twenty years

Cost/Effectiveness of Control Actions

- Additional edits
 - More detailed descriptions in Fact Sheets
 - Added missing fact sheet on Education on Septic Discharge
 - Added strengths and weaknesses of “Lessons Learned from Other Sites”
 - Added concluding section of Future Steps
 - Reminder that Comprehensive Plan will include Timelines, Milestones, and Effectiveness Monitoring



Suggestions Meriting Discussion

- Merge some similar Control Actions
 - “Street sweeping” and “Catch basin clean out”
 - “Survey of local utilities for electrical equipment” and “Leak prevention/detection in electrical equipment”
 - “PCB product information” and “Purchasing standards”
- Reconsider addition of “Education About Filtering of Post-Consumer Paper Products”
 - Moving the problem from garbage to the air?



Comment Schedule

- Provide any comments to be incorporated for the workshop prior to July 20 meeting



Monthly Monitoring Update

- Results from May monitoring have been obtained
 - River concentrations are starting to increase
 - Laboratory blanks are also higher this batch
 - Data will be distributed after initial QA
- Will make recommendations regarding fall monitoring after June data is received and assessed

