

Memorandum

From: Tim Towey, Kat Ridolfi, Dave Dilks **Date:** August 30, 2013
To: Spokane River Regional Toxics Task Force **Project:** SRRTTF
CC:
SUBJECT: Data Acquisition Contact Log - Final

Summary

LimnoTech was hired to provide technical support to the Spokane River Regional Toxics Task Force (SRRTTF) in their work to identify and reduce PCBs and dioxins at their source in the watershed. Initial tasks in this support consist of identification and collection of available data to define existing PCB and dioxin sources, loads and sinks. An April 17 memorandum, "Data Request Memorandum in Support of PCB and Dioxin Control," identified potential data sources. LimnoTech has been actively contacting the individuals identified by the SRRTTF as potential sources of data. A contact log is attached, which documents the individuals contacted as part of the SRRTTF data gathering efforts and serves as the deliverable for Task 4.

The log presents the affiliation, contact information, data categories sought, and data acquisition notes for each individual contacted. This log does not present the information that LimnoTech has obtained independently.

Contact Name	Agency/Company	Phone	Email	Dataset(s) of Interest	Notes
Adriane Borgias	Washington State Department of Ecology	509-329-3515	abor461@ecy.wa.gov	Tributary boundaries Groundwater PCBs	Adriane forwarded an information sheet relating to PCBs in groundwater from submersible pumps.
April Westby	Spokane Regional Clean Air Agency	509-477-4727 ext. 105	awestby@spokanecleanair.org	Atmospheric gas phase PCB concentrations Measured atmospheric deposition rates for dioxin Number and size of smelters Al mill has dioxin limits; but traditional smelter closed Number of vehicle registrations-- nothing to do with mobile sources; State Dept of Licensing? Fire fighting reports-- state DNR? PCB and Dioxin emissions from incineration activities Number and size of petroleum refineries no refineries in the county Number and size of incinerators one garbage incinerator burn out ovens pulp mill that burns sludge; have found PCBs from ink Number and size of demolition sites permits required for demolition due to concern about asbestos--April can try to find out but she's not directly involved Climate data (precip, air temp, solar radiation, wind speed)	Left message 5/21; spoke to her 5/24 and sent her an email re: data she might be able to send me. April provided stack emissions in July.
Arianne Fernandez	Washington Department of Ecology; Eastern Regional Office (Spokane)	509-329-3498	afer461@ecy.wa.gov	Wastewater treatment plant loads Stormwater loads Results of survey of industrial practices PCBs in stormwater catchbasins Atmospheric PCBs/dioxins Number and size of incinerators Water column measurement of PCB and dioxin concentrations Wastewater treatment plant loads Results of survey of industrial practices Spokane River and tribs water column measurements (temp, TSS, POC and DOC) Hydrodynamic and/or WQ models River/lake bed sediment PCB and dioxin concentrations Sediment trap measurements Sediment isotope profiles Pollutant specific degradation rates in bed sediments	Spoke with Arianne on 5/23. She has a lot of stormwater and some CSO sampling data through 2011 needing to be entered into EIM. She noted that the extremely high hydraulic conductivity of the area will be very important for understanding fate and transport issues, and make the Spokane River somewhat unusual in terms of understanding PCBs. She provided a large amount of data, primarily related to stormwater loads and stormwater catchbasin results.
Brandee Era-Miller	Washington State Department of Ecology; Environmental Assessment Program	360-407-6771	bera461@ecy.wa.gov	Atmospheric PCBs	Spoke with her 5/29 QAPP for all Toxics work: particulate, water, and low-level clam monitoring data. Data available this fall in EIM Fish tissue collected fall 2012, big dataset will be in EIM winter 2013/14 Not a lot of sed data; what is available will be in EIM already (maybe a few cores, some surface sed) Maybe some data through clean up efforts; mostly Upriver Dam sediment samples taken from cap--contact Brendan 509-329-3611 Lit review by Brandee?? maybe on SRRTTF website
Brian Nickel	EPA Seattle office Reg 10	206-553-6251	nickel.brian@epa.gov	NPDES permits for Idaho side of watershed	Talked to Brian 5/28/13. No PCB or dioxin data so far for POTW effluent but will be in new monitoring requirements. Can share requirements with us though public comment period still has a bit more time. He expects only Kaiser Aluminum plant to have limits for PCBs in watershed on Idaho side.
Bud Leber	Kaiser Aluminum	509-927-6554	Bud.Leber@kaisertwd.com	Wastewater treatment plant loads	Bud provided data from Kaiser Trentwood Outfall study. Also noted availability of groundwater data.
Charlene Holbrook	Post Falls Police Department	208-777-2242	CHolbrook@postfallspolice.com	Illegal dumping/spills	Spoke with Charlene on 5/9 and she provided instructions for me to receive a report. Post Falls only had one recorded incidence of dumping and they provided that record.
Clint Bowman	Ecology's Lacey office; modeler	360-407-6815		Atmospheric PCBs	Left message 5/21
Dale Norton	Washington State Department of Ecology; Toxic Studies Unit	360-407-6765	dnor461@ecy.wa.gov dale.norton@ecy.wa.gov	Water column measurement of PCB and dioxin concentrations Wastewater treatment plant loads Results of survey of industrial practices Spokane River and tribs water column measurements (temp, TSS, POC and DOC) Hydrodynamic and/or WQ models River/lake bed sediment PCB and dioxin concentrations Sediment trap measurements Sediment isotope profiles Pollutant specific degradation rates in bed sediments	Left messages 5/24/13; 5/29/13 emailed inquiry 5/29/13 Dale directed me to EIM and to Brandee if I have questions.

Contact Name	Agency/Company	Phone	Email	Data to Ask About	Notes on Contact, Data Available, etc.
Daniel Redline	Idaho DEQ	208-666-4621	daniel.redline@deq.idaho.gov	<p>Wastewater treatment plant loads Stormwater loads Water column measurement of PCB and dioxin concentrations Wastewater treatment plant loads Results of survey of industrial practices Spokane River and tribs water column measurements (temp, TSS, POC and DOC) Hydrodynamic and/or WQ models River/lake bed sediment PCB and dioxin concentrations Sediment trap measurements Sediment isotope profiles Pollutant specific degradation rates in bed sediments</p>	<p>Spoke to Dan 5/24. EPA issues permits and has just started to require monitoring of PCBs/dioxins in WWTP effluent so there will be no historic data. contact for NPDES permitting in EPA is Brian Nickel Ecology has PCB fish and sediment data from Priests Lake in Idaho (Bonner County); collected by Toxics/RCRA unit out of Olympia (report saved on network under Task 2 (Ecology 2011)); goal was to establish background data for NE WA and Priests Lake was a reference site; no sites in Spokane river watershed Avery Landing remediation site on St. Joe River (trib to Lake Cour d'Alene) EPA study soils data? No info on DEQ site but contact is: Michael McCurdy General Remediation 208-373-0188 michael.mccurdy@deq.idaho.gov</p>
Doug Krapas	Inland Empire Paper	509-924-1911	dougrapas	<p>Wastewater treatment plant loads Number and size of paper recyclers</p>	<p>Called Doug on 6/3 while he was on vacation and followed up on 6/11. Doug provided effluent data in July.</p>
Ellie Key	Washington Department of Ecology; Eastern Regional Office (Spokane)	509-329-3519	ellie.key@ecy.wa.gov	<p>Wastewater treatment plant loads Results of survey of industrial practices</p>	<p>Spoke to Ellie on 6/4. She provided the analytical results associated with the permits from the City of Spokane, Spokane County, and Liberty Lake.</p>
Fred Bergdof	Washington State Department of Transportation	360-570-6648	bergdof@wsdot.wa.gov	<p>Stormwater loads</p>	<p>Talked to Fred on 5/21. WSDOT is just developing a monitoring program and have a monitoring location at I-90 and Pines. They will be submitting a report to Ecology in October, however it will not include PCBs.</p>
Ginny Darrell	Washington State Department of Ecology; Toxic Cleanup Program	509-329-3431	gdar461@ecy.wa.gov	<p>Soil PCB and dioxin concentration Other hydrodynamic and/or water quality models River/lake bed sediment PCB and dioxin concentrations</p>	<p>Spoke with Ginny on 6/10. We sent Ginny a list of state and federal cleanup sites from the Ecology Facility/Sites database. She noted which sites have PCBs and the cleanup status of each of the sites.</p>
Greg Flibbert	Washington State Department of Ecology; Air Quality Program	509-329-3452	gregory.flibbert@ecy.wa.gov	<p>Atmospheric gas phase PCB concentrations Measured atmospheric deposition rates for dioxin Yard waste burning studies PCB and Dioxin emissions from incineration activities Number and size of incinerators</p>	<p>Greg says he doesn't have jurisdiction over Spokane area so he recommended people to contact for everything next to his name</p>
Greg Lahti	Washington State Department of Transportation	509-324-6138	lahtig@wsdot.wa.gov	<p>Stormwater loads</p>	<p>Talked to Greg on 5/14. He directed me to Dick Gersib, the head of the monitoring group at WSDOT.</p>
Guy Gregory	Washington State Department of Ecology; Water Resources Division	509-329-3562	ggre461@ecy.wa.gov	<p>Dam release information Stream flow information USGS (2007) groundwater/flow model Other groundwater flow/information/models PCB/dioxin concentrations in groundwater</p>	<p>Talked to Guy on 5/28. He passed along several relevant hydrology studies related surface water/groundwater interface, instream flows, and directed me to an Avista website regarding the Spokane River. He also indicated a willingness to help us track down additional data as needed.</p>
Holly Davies	Clean Action Plan for PCBs	360-407-7398	holly.davies@ecy.wa.gov	<p>Number of commercial buildings constructed between 1950 and 1980 waiting to hear back from Spokane county assessor; focus is on caulk PCB content of caulk on commercial buildings (and streets?) focus will likely be on masonry, not inside or in streets/bridges, etc.; through study in Duwamish shows 50% of commercial bldgs contain PCBs in masonry caulk Large scale transformers and capacitors still waiting on dataset; working with electric company; EPA only has a few in database; possibly schools contain light ballasts with PCBs in them but not a priority for Holly right now</p>	<p>Talked to Holly 5/24. She doesn't have any data, but mentioned some datasets she is working on but does not have yet: Motor oil Long term auto fluff project but having trouble sampling Spills Ink (Inland Empire pulp mill) Titanium dioxide generation Also see notes in bold to the left Miriam Diamond lab at U of Toronto has modeling data MUM model Looks like it's only in Toronto/Lake Ontario</p>
Kary Peterson	Ecology; Agricultural burning	509-329-3523	kape461@ecy.wa.gov	<p>Yard waste burning studies</p>	<p>State has no jurisdiction over air quality for Spokane County. It's all handled by the SRCAA</p>
Kevin Booth	Avista		kevin.booth@avistacorp.com	<p>Large Scale Transformers and Capacitors</p>	<p>Left message for Kevin regarding PCB transformers. Kevin replied with a voicemail on 6/26, indicating that Avista has removed all large transformers in EPA database.</p>
Lynne Schmidt	City of Spokane Wastewater Management	509-625-7908	lschmidt@spokanecity.org	<p>WWTP loads Stormwater loads PCBs in stormwater</p>	<p>Lynn provided a CD of data at SRRTF meeting on 4/3. Talked to Lynn again on 5/8. She provided additional GIS data for catch basin delineation.</p>
Meghan Lunney	Avista	509-495-4643	meghan.lunney@avista.corp.com	<p>River/Lake Bed sediment properties Dam release information</p>	<p>Spoke with Megan in April 2013. She briefly described dam information and noted that Steve Ashe would be available to discuss in detail the operation of the dams. USGS has flow data. Avista does not have core data, and all of their analytical results are in the Ecology EIM database. May follow up with Steve Ashe as needed.</p>

**Spokane River Regional Toxics Task Force
PCB Implementation Plan
Contacts Log**

Contact Name	Agency/Company	Phone	Email	Data to Ask About	Notes on Contact, Data Available, etc.
Michael Hepp	Washington State Department of Ecology	509-329-3536	mhep461@ecy.wa.gov	Illegal dumping/spills	Spoke with Mike on 6/11 after talking with Tom Hamlin and Mark Stevens and leaving a voicemail for Kim Alexander. Mike provided several useful queries from the ERTS spills database and indicated a willingness to perform additional queries. May follow up to fill identified data gaps, as warranted
Mike Hermanson	Spokane County; Division of Water Resources	509-477-7578	mhermanson@spokanecounty.org	Land use maps for 1950-1980 related to tax collection so what they have is current so maybe not so helpful; Spokane public library? or contact GIS dept Shauna Earnst 509-477-7531 Numbers and sizes of auto dismantlers, computer and electronics recyclers, transfer stations, landfills, metal recyclers, and white goods recyclers GIS dept buys database called InfoUSA that might have this info by SIC/NAICS code Number and size of pesticide manufacturing, pulp bleaching, PVC manufacturing operations InfoUSA--ask Shauna	Left messages 5/24/13; 5/29/13 Spoke to Mike 5/29 left message for Shauna 6/11
Mike Neher	City of Post Falls	208-777-9857	mneher@postfallsidaho.org	Wastewater Treatment Plant Loads	Mike provided a spreadsheet with all of the relevant effluent data from Post Falls.
Sandy Phillips	Spokane Regional Health District	509-324-1572	sphillips@srhd.org	Survey of Industrial Practices	Traded voicemails with Sandy regarding database of industrial practices. May follow up to fill identified data gaps.