

# SRRTTF Technical Track Work Group

## DRAFT Meeting Notes

April 2, 2014 | 10:00am – 12:00pm

Department of Ecology

4601 North Monroe Street | Spokane, WA 99205-1295

### Attendees:

BiJay Adams, Liberty Lake Sewer & Water

Adriane Borgias, Ecology

Aubri Denevan, Ruckelshaus (*video conference*)

Dave Dilks, LimnoTech (*on phone*)

Jeff Donovan, Ecology

Brandee Era-Miller, Ecology (*on phone*)

Karin Feddersen, Ecology (*on phone*)

Arianne Fernandez, Ecology

Ted Hamlin, Ecology

Doug Krapas, Inland Empire Paper (*on phone*)

Bud Leber, Kaiser Aluminum

Rob Lindsay, Spokane County

Dave Moss, Spokane County

Chris Page, Ruckelshaus (*video conference*)

Sandy Phillips, Spokane Regional Health District

JR, GeoEngineers (*on phone*)

Lynn Schmidt, City of Spokane

Cathy Whiting, LimnoTech (*on phone*)

---

### RFQQ for the lab

Bud ran through all the changes they made to the RFQQ based on the questions received from prospective labs. See document for full details.

Suggestion to break out the Questions and Answers by vendor, which could help in receiving timely responses back. It looks like all the points have been addressed, however. Response that the April 11th date should be ok, based on the responses that have been received so far.

Question about what the "proofing" means and whether labs understand this. Should make clear that the proof of clean certification comes from the manufacturer. The 1 in 20 proofing was a request from IDEQ. So should check to see if this is possible, and if not, note as a bullet item in the RFQQ.

ACTION ITEM: Karin Feddersen will contact the laboratories to determine if the manufacturers proof the bottles. (COMPLETE)

Question about the column and whether there are concerns about co-elution of certain congeners. Response that does not appear to be an issue.

ACTION ITEM: Bud Leber to complete the RFQQ and send out once he hears back from Karin regarding the proof question, above.

ACTION ITEM: The Scope of Work in the RFQQ (Exhibit A) should be reviewed and be consistent with the SAP and QAPP on April 9th

*Revised RFQQ; submittals due 4/11/14*

### **Finalize protocols for confidence interval testing**

*Sample locations:* Two locations were originally considered, Lake Coeur d'Alene and Sandifer Bridge. Sandifer Bridge is not being considered due to difficulties in accessing the river. A new location between Sullivan Road and Mirabeau Park is proposed. This has good access and is in the middle of the "discharge zone" for the river. Plus, this location has had detectable levels of PCB in the past with 1 L sample sizes, so would be for establishing confidence limits.

DECISION: The two locations will be Lake Coeur d'Alene at head of Spokane River and between Sullivan Road/Mirabeau Park.

*Sample size:* The TTWG has considered a suite of sampling sizes and types (1 L, 2L, 4L, 8L, CLAM, and XAD). After conferring with Greg Covallo, at DRBC, the 2.36 L sample size was determined to be optimum for the following reasons:

- This is the largest sample size that a lab can manage and with single extractions. This saves in costs and also minimizes potential for contamination.
- The 20 Liter sample was used by DRBC for sediment and water sampling. It had a high background level (20 pg/L) of PCB. So, 2 or 4 are the best candidates for sampling containers/methods at this point. The CLAM is another sampling method that is being used by Ecology at a number of locations. There is a concern about not being able to accurately determine the flow rate through the sampler. Since what we are doing with this round of sampling is trying to determine source identification through a watershed mass balance, it was determined to try the 2 L sample for the Confidence Interval testing. If needed, can go to 4 L and if further testing warrants and the flow issue is resolve, the CLAM.

DECISION: Sample size for the Confidence Interval Testing will be 2.36 L bottle.

ACTION ITEM: RFQQ is due from labs on April 11th, focus group to evaluate bids and prepare recommendation for the SRRTF. Focus group is Bud Leber, Karin Feddersen, Brandee Era-Miller, and Arianne Fernandez. Arianne Fernandez to arrange for room.

ACTION ITEM: Adriane Borgias to reserve the conference call in line (COMPLETE)

### **Standard Operating Procedures**

These should be in the SAP, specifically the immersion sampling method and the invasive species SOP. Question: should the other size bottles and CLAM also be included at this point?

ACTION ITEM: Request Bob Steed to review the Invasive Species SOP to see if it is acceptable to Idaho.

Discussion about sampling methods: What is the purpose of the boat? To get to the center of the river? Could also take a sample from the bank where the water is well-mixed and dip from there. If representativeness is of concern, then the boat may be needed. USGS also has a quarter point sampling that addresses representativeness.

ACTION ITEM: The sampling location in the river/criteria for selecting where to take a dip sample, could be included in the Sampling Analysis Plan.

### **Sampling RFP**

[Note: JR from GeoEngineers responded that GeoEngineers would be submitting a proposal for sampling. He left the meeting prior to the RFP discussion.]

The sampling RFP has been updated. It relies heavily on the SAP and QAPP. It includes criteria for training, mobilization, collection, and reporting.

Question about Health and Safety plan? It was determined that the contractor would provide that too.

ACTION ITEM: All comments due by Monday, April 7 on the sampling RFP for consideration at the April 9 meeting.

ACTION ITEM: The RFP should be reviewed for consistency with the SAP and QAPP. Include on agenda for the April 9th meeting.

ACTION ITEM: Bud Leber will give Kathy the sampling details discussed. He will also get ahold of Bob Steves re: invasive species.

ACTION ITEM: Exhibit A is supplement materials (ie not for comment)

ACTION ITEM: Include in the agenda for approval at the April 23 SRRTTF.

### **Recap of SAP/QAPP work session**

*Recap of process for revised SAP/QAPP in advance of April 9th work session*

- Post the following today: SAP, QAPP, RFP (recent versions). Ask for comments no later than COB Monday April 7
- Post for the meeting supplemental information: 4 comments received, and Exhibit A from lab RFQQ
- Work session all day on April 9, at Ecology. APB to roll comments up in order to review and approve.
- Agree on final product by end of day and prepare for posting on April 16 for SRRTTF approval
- SRRTTF Decision on April 23

**Sampling procedures memo** from Brandee Era-Miller. This has been posted for comments by April 15. It is a Technical Memo, which provides a review of analytical and sample collection methods. The Tech Memo does not have the NJ flagged data. But all of the raw data will be on the Environmental Information Management System and available to the public in about a month.

### **EAP feedback on groundwater testing project**

Adriane updated the group the EAP proposals from January. The groundwater went in as a priority for next year. She was contacted by Martha Maggie. She didn't think that her staff had the capacity to do this work this year.

**Greg Moller from CEREO** is interested in knowing what research projects the SRRTTF has.

ACTION ITEM: Adriane Borgias to retrieve the information that was previously provided.

Also, this is a good time to meet with the new CEREO director, Stephanie Hampton.

### **Review timeline and responsibilities**

No changes to the schedule. There is a question about how quickly ACE can turn over the contract with the laboratory so Ecology can order bottles and do the Confidence testing. ACE is meeting on April 8th to standardize contracts, etc. so it is faster to proceed with contracting.

---

**Upcoming Meetings:**

- Next Full Task Force meeting is April 23, 2014, 9am – 12:30pm at Liberty Lake Sewer & Water
- The next Tech Track Work Group meeting is May 7, 2014 from 10am – 12pm

DRAFT