

Title	Purpose	Relevance to SRRTTF QAPP	Comments and Review Actions
<p>Listing of Laboratories Known to Perform Low Level PCB Congener Analyses</p>	<p>Identifies acceptable laboratories</p>	<p>Axys is identified laboratory. QAPP Table 1 p 2</p> <p>Permittees use other laboratories.</p>	<p>What about Ecology accredited labs? Adriane Borgias to check on accreditation for PCB congeners:</p> <ul style="list-style-type: none"> • Ecology • EPA/Idaho requirements <p>Other questions: Also, do columns matter and does that affect choice of lab?</p> <p>Pacific Rim has a new improved column that is similar to AXYS. ALS is the lab that was recently selected for the air deposition work.</p> <p>Greg Covallo said the list on the DRBC website wasn't meant to be exclusive, but rather just indicate a handful of labs that were known to do the analysis (only about four of the labs on the list actually do the DRBC work routinely). There wasn't a particular reason that Pacific Rim was excluded from the list.</p> <p>Going off the Ecology accreditation list makes the most sense on this topic unless there are specific labs that folks have issues with.</p> <p>This would be of benefit with respect to Ecology purchasing policies as well.</p>

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Sampling Labeling and Identification	Specifies labeling criteria	SAP pp 21, 32	<p>The DRBC scheme applies to dischargers. Is it useful to establish this? Should it be expanded? Do we need to discriminate by type (river, effluent, media – sediment, water, fish) What about historical data, would this apply?</p> <p>See the meeting website for proposed labeling scheme. The proposed scheme uses codes for location ID, Sample types, and date/time.</p>
Estimated Detection Limit	Specifies how EDL is calculated	<p>Method 1668C</p> <p>QAPP App B, Exhibit A, Spec 1</p> <p>Axys Standard Analytical Procedure</p>	<p>Where does this come from? Is it in the methods? What is the reason for using this?</p> <p>Mike Hermanson to follow up with Greg Covallo about this equation. Adriane Borgias to follow up with Karin Fedderson at Ecology on the calculation of EDL</p> <p>The DRBC protocols are for 1668A. 1668C doesn't use EDL but uses DL in order to calculate sample specific detection limits.</p>
Reporting Rules for Co-eluting Congeners	Specifies how congeners are reported when then co-elute	<p>Method 1668C</p> <p>QAPP App B, Exhibit A, Spec 1</p> <p>Axys Standard Analytical Procedure</p>	<p>Adriane Borgias to ask Lisa Rodenburg about fingerprinting and whether co-elution matters.</p> <p>This was discussed further and it was determined that this rule would not be needed for an Access database.</p> <p>However, at some point someone might needed to use this procedure if working in spreadsheets.</p>

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Description of Data Qualifiers	Identifies the meanings of qualifier flags	<p>QAPP p 41</p> <p>QAPP App B, Exhibit A, Spec 1</p>	<p>The DRBC flags don't match the SRRTTF flags.</p> <p>See Table on meeting notice with the data flags used by SRRTTF.</p> <p>The next step with this table would be to have discussions around how these flags are used to sum data.</p> <p>It was discussed adding blank flags for the data: B3 for 3x censor; B5 for 5x censor, and B10 for 10x sensor. Another blank management technique is simple subtraction, which would be appropriate for fingerprinting.</p> <p>Other points of discussion:</p> <ul style="list-style-type: none"> • Homologs • Flags that apply to PCB analysis from other methods <p>Adriane Borgias to summarize Ecology data flags.</p>
Electronic Data Deliverables	3 spreadsheets identifying the data fields for laboratory data	QAPP App B, Exhibit A, Spec 1	Mike Hermanson to compare with EIM requirements and report back.
Method Blank Contamination Decision Rules	Identifies censoring procedure for method blanks (uses 10x)	<p>QAPP pp 17, 28</p> <p>Censoring procedures vary from (no censoring, 3x, to 10x) depending on data needs</p>	

DRBC Specifications Evaluation Worksheet REV 04/20/2016

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Hard Copy Data Deliverables	Specifies data delivery protocols	QAPP App B, Exhibit A, Spec 1	
Rinsate Blank Contamination Assessment	Identifies procedure to be used for contamination of rinsate (i.e., field) blanks (uses 3x)	Not specifically addressed in QAPP	
Sample, Replicate and Blank Collection Techniques	Identifies how continuous and non continuous discharges are sampled. Includes replicate and blanks.	SAP Sections 4, 7, and Appendices	
Project Quality Control Requirements	Summary of QA/QC requirements, some of which are repeated above. Based on Method 1668A.	QAPP, SAP, and Method 1668C	

Discussion Items:

How will this be used? The DRBC targeted these protocols for use by dischargers and effluent measurements. The Spokane Task Force has a slightly different need. These are intended to be protocols that will be used if an entity wants to develop comparable Spokane River data. Will this protocol be used by EPA and Ecology in the permits? For example, the QAPP protocol was used by EPA in the Idaho permits. Ecology doesn't currently plan to specify the QAPP protocols in the permits.