

SRRTTF-ACE
Specification No. 3
(Revision 0)

May 13, 2014

Analytical Services for Conventional Parameters

The Spokane River Regional Toxics Task Force (SRRTTF) through its Administrative and Contracting Entity (SRRTTF-ACE) will be conducting PCB source identification studies on the Spokane River for PCB. In addition to PCB, these studies will require that field samples be collected and analyzed for conventional parameters as well. To perform this work, the laboratory must be a Washington Department of Ecology Certified Laboratory for the parameters of interest.

1.0 Scope

1.1 Work Included

Supplier shall provide all necessary materials and staff to conduct laboratory chemical analyses for conventional parameters as contained in the Sampling and Analysis Plan and the Quality Assurance Project Plan.

1.2 Work Not Included

Supplier is not responsible for the return of field collected samples to the laboratory for analysis.

1.3 Owner Furnished Items

The Owner shall provide the Supplier with the Sampling and Analysis Plan (SAP) and the Quality Assurance Project Plan (QAPP), which are located in Attachment A.

2.0 Detailed Scope of Work

2.1 Conventional Parameters for Analysis

Analytical services for each sample for the following parameters are to be provided on a standard turnaround basis:

- Total Organic Carbon (TOC) – EPA Method 415.1
- Dissolved Organic Carbon (DOC) – EPA Method 415.3
- Nonfilterable Residue (TSS) – EPA Method 160.2
- Filterable Residue – (TDS) – EPA Method 160.1

2.2 Sample Count

The work will take place during three sampling events: August 2014, December 2014/February 2015, and May 2015. The following tables provide a summary of the sample collection and analysis effort.

| August 2014 Sampling Event | |
|---|--|
| Total Sample Count | Sample Details |
| 56 | 7 riverine samples from 8 locations |
| 24 | 3 point source samples from 8 locations |
| 7 | Trip Blanks (1 per sampling day) |
| 7 | Riverine Replicates (1 per sampling day) |
| 3 | Point Source Replicates (1 per sampling day) |
| December 2014 / February 2015 Sampling Event | |
| 5 | Riverine samples from 1 location |
| 5 | Replicate (1 per sampling day) |
| 5 | Trip Blanks (1 per sampling day) |
| May 2015 Sampling Event | |
| 5 | Riverine samples from 1 location |
| 5 | Replicate (1 per sampling day) |
| 5 | Trip Blank (1 per sampling day) |

2.3 Sample Containers

Supplier shall provide all sample containers, Chain of Custody forms, field blank water, coolers and blue ice. The Supplier shall ship required sample containers via ground transportation.

2.4 Data Packages

Supplier shall provide all laboratory data packages in electronic format.