

**Susitna-Watana Hydroelectric Project
(FERC No. 14241)**

**Mercury Assessment and Potential for
Bioaccumulation Study
Study Plan Section 5.7**

**Initial Study Report
Part B: Supplemental Information (and Errata) to
Part A (February 3, 2014 Draft Initial Study Report)**

Prepared for

Alaska Energy Authority



SUSITNA-WATANA HYDRO

Clean, reliable energy for the next 100 years.

Prepared by

Tetra Tech/URS

June 2014

**PART B: SUPPLEMENTAL INFORMATION (AND ERRATA) TO PART A
(FEBRUARY 3, 2014 DRAFT INITIAL STUDY REPORT)**

Part A Reference	Description
Section 5	Data for this study has been uploaded to GINA as part of the 5.5 Water Quality Study. The database ‘Baseline water quality field data’ has been updated on GINA since the February 2014 draft ISR. It can now be found at the following location: http://gis.suhydro.org/reports/isr
Page 9, under 4.2.5.1, 6 th sentence, beginning with hence, and ending with study area (end of second paragraph).	This section can be deleted since it references plans for 2014 studies that have been changed after further discussion.
Page 20-21, 2nd, 3 rd , and 4th paragraph and bullets under 6.1.5.	Paragraphs two, three, and four and all bullets can be deleted since they reference future 2014 plans that have been changed.
Table 4.2-3. Baseline Water Quality Monitoring Sites for Total and Dissolved Mercury PRM 107 Location Rationale	“Downstream” should be changed to “upstream”.
Section 4.2.2.1 First paragraph, Second sentence	For these types of organic soils, EPA recommends digestion with HNO ₃ /H ₂ SO ₄ before using BrCl.
Section 4.2.1 Third Paragraph, first sentence	The sampling was biased toward vegetative mass, that is to say species that were present in the inundation area at low frequency and size were not sampled, because even if these plants contain mercury, their contributions to mercury methylation will be low.
Section 4.2.2.1. Page 4. First paragraph (Variances from Study Plan)	This paragraph should be deleted since it is not a variance to the study plan.