

Columbia River RI Status Meeting

August 12, 2009

Surface Water/Sediment/Core Sampling – Integral Consulting Inc.

Spring Surface Water sampling campaign completed on June 11

All other sampling has now been completed

Draft Field Summary report received for WCH review on July 15

Split sampling was performed for EPA, and Ecology/WA Department of Health for both surface water and sediment.

Sample Tally (as of 8/7/09)

Media	# of Locations	# of Samples
Shallow/Deep Sediment	35	172
Shoreline Sediment	39	183
Island Soil	8	79
Shallow/Deep Core	21	106
Surface Water	35	60
Fish		20 of 130

(Note 1: Counts discrete locations only—i.e., multiple samples at the same spot aren't double/triple-counted)

(Note 2: Count does not include trip blanks, equipment blanks, duplicates, or split samples for EPA or WDOH in each media)

Fish Collection – Environmental Assessment Services

Whitefish sample collection and prep completed; lab analysis underway; 20 samples (100 fish collected)

Walleye fishing started June 8; 32 of 100 collected as of 8/7

Bass fishing started June 29; 100 of 100 collected as of 7/21; initiation of sample preparation activities is scheduled for this week

Others (sucker and carp via electrofishing) still planned for late August through September

Sturgeon

- Workshop held February 26, 2009, work scope revised to include additional work (e.g., increased samples from 25 to 30; collecting data for WA F&W on non-target fish; separating liver and kidney; using pectoral fin for age dating, etc.)
- Inter-Agency Agreement with US F&W placed for histopathology work as a result of the workshop; also providing SME for sample collection
- Fishing initiated on July 8; 13 of 30 collected as of 8/7; 10 fish have been processed and sent for laboratory analysis
- Other requests for tissue received
 - Otoliths for Barb Harper
 - Other tissue for Patrick Moran, Elena Nilsen (USGS) and Jay Davis (USF&W)
 - Blood Plasma

- Excess Sturgeon Sample Material Disposal Schedule – requests must be received by November 5 and picked by December 10; disposal of other unclaimed material to begin December 1, 2009

Risk Assessment – Woodard & Curran

Habitat survey letter report completed
Database structure being established to expand on CRC database
Incoming lab data being transmitted to them to set up databases
Updating risk benchmark value tables
Initiated scoping for screening level ecological risk and human health risk assessments

Groundwater Upwelling - Environmental Assessment Services and Coastal Monitoring Associates

Phase 2a (Temperature and Conductivity mapping) data evaluation nearly completed
 Interacting with CH PRC for groundwater information
 Plan for remaining transects – done by early August (postponed due to salmon redd location issues and high currents)
Phase 2b meetings held on 6/30 and 7/1 with regulators to discuss sample locations; briefing provided to NRTC on 7/23
 Added field measurements (total dissolved solids, dissolved oxygen, pH)
 Moved, added, or deleted station locations per regulator request
 Included specific analyses at selected locations (e.g. TPH at 100N; uranium and VOCs in 300 Area; anions, nitrate, and metals at 2 stations at 100D)

Overall Schedule

May – July planning
August – September Phase 2a completion and Phase 2b (**Field work resumed on 7/29/09**)
October – November Phase 3