UCRSF 2.1
09/21/04

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, Washington 98101

F:\WORK\Upper Columbia\Work Plan\mls-September-2004-Drft-Wrk-Pln-Com.doc

September 21, 2004

MEMORANDUM- Transmitted Electronically

Subject: Comments on: Draft Memorandum, Upper Columbia River Site RI/FS Rationale and Conceptual Approach Dated: September 13, 2004

From: Marc Stifelman, Office of Environmental Assessment

To: Kevin Rochlin, Office of Environmental Cleanup
Sally Thomas, Office of Environmental Cleanup
Monica Tonel, Office of Environmental Cleanup
Jim Stefanoff, Site Manger, CH2MHill
Chuck Gruenenfelder, Remedial Investigation Lead, CH2MHill
John Childs, Feasibility Study Lead, CH2MHill
Dennis Shelton, Risk Assessment Lead, CH2MHill

Cc: Bruce Duncan, Office of Environmental Assessment
Pat Cirone, Office of Environmental Assessment

I appreciate the opportunity to provide early input into the RI/FS by reviewing the Draft Rationale and Conceptual Approach.

Sediment (also applies to other sampling media)

Provide rationale for identification of approximately 200 sampling locations. This section should describe the Site in general terms (e.g., linear river miles, square miles of sediment at high and low pool elevation). Candidate sample designs should be described (e.g., grid, random, judgmental or biased, stratified) along with goals (e.g., a UCL whose confidence limits are _ percent of the mean, representative of concentrations for benthos, bottom fish, or entrainment). Sampling objectives will need to be resolved with project priorities, logistics, and financial resources. Generally, sampling effort should be guided by the importance of the resource we with to protect by characterizing a particular medium and the anticipated relative variability of the data.

USEPA SF
1259295

Fish

When evaluating species of fish to sample, consider targeting piscivorous fish for mercury, dioxins, and other potentially bioaccumulative compounds.

Data Quality Objectives Table

See attached mark-up to *DQO TABLE.DOC*