

Timeline of Major UCR RI/FS Activities & Studies

Activity	Year
UCR Community Involvement Plan	2004
Phase 1 Sediment Toxicity & Beach Study Sampling	2005-2006
Phase 1 Fish Tissue Study Sampling	2005
UCR Screening-Level Risk Assessment for Recreational Use of Beaches	2005-2006
Draft RI/FS Work Plan	2006
Phase 1 Fish Tissue Study Data Evaluation Report	2007
Preliminary Ecological Risk Management-Based Action Objectives	2007
RI/FS Work Plan	2008
Acute Water Exposures of Cadmium, Copper, & Zinc to Early Life-Stages of White Sturgeon Study	2008
Semi-Chronic Exposure of Early Life-Stages of White Sturgeon to Columbia River Water	2008-2009
Acute Water Exposures of Copper & Lead to Early Life-Stages of White Sturgeon Study	2009
Phase 2 Fish Tissue Study Sampling	2009
UCR Inhalation Risk Assessment of Exposures to Airborne Particulate Matter at Three Locations along the UCR	2009
General Site Health & Safety Plan for RI/FS	2009
Surface Water Study Sampling	2009-2010
Beach Sediment Study Sampling	2009-2011
Tribal Consumption & Resource Use Survey	2009-2011
White Sturgeon Sediment Toxicity Study	2010
USGS White Sturgeon Surface Water Exposure Study	2010
Screening-Level Ecological Risk Assessment	2010

Activity	Year
Recreational Consumption & Resource Use Survey	2010-2011
Baseline Ecological Risk Assessment Work Plan	2011
White Sturgeon Surface Water Exposure Study Report	2011
Phase 1 Sediment Toxicity & Beach Study Data Evaluation Report	2012
Baseline Ecological Risk Assessment Problem Formulation Expansion	2012
Human Health Evaluation of Contaminants in Upper Columbia River Fish Report (Wash. Dept. of Health)	2012
Phase 2 Sediment Toxicity Study Sampling	2013
Surface Water Study Data Summary Report	2013
Phase 2 Fish Tissue Study Data Summary Report	2013
Upland Soils Study Sampling	2014
Residential Soils Study Sampling (Part 1)	2014
Acute and Chronic Sensitivity of White Sturgeon (<i>Acipenser transmontanus</i>) and Rainbow Trout (<i>Oncorhynchus mykiss</i>) to Cadmium, Copper, Lead, or Zinc in Laboratory Water-Only Exposures	2014
Beach Sediment Study Data Summary Report	2014
Bossburg Flat Beach Refined Sediment & Soil Study Sampling	2015
Upland Soils Study Data Summary Report	2015
Residential Soils Study (Part 1) Data Summary Report	2016
Residential Soils Study Sampling (Part 2)	2016
Addendum to 2009 Fish Tissue Study – White Sturgeon Tissue Study Sampling	2016
Benthic Macroinvertebrate Tissue Study Sampling	2016
Bossburg Flat Beach Refined Sediment & Soil Study Data Summary Report	2016
Plant Tissue Study Sampling	2017

Activity	Year
Phase 2 Sediment Toxicity Study Data Summary Report	2017
Residential Soils Study (Part 2) Data Summary Report	2017
Addendum to 2009 Fish Tissue Study – White Sturgeon Tissue Study Data Summary Report	2017
Soil Amendment Technology Evaluation Study	2017-present
White Sturgeon Sediment Toxicity Study Data Summary Report	2018
Addendum to 2009 Fish Tissue Study – Northern Pike Fish Tissue Study Sampling	2018
Benthic Macroinvertebrate Tissue Study Data Summary Report	2018
Phase 3 Sediment Facies Mapping Study Field Data Collection	2018-2019
Plant Tissue Study Data Summary Report	2019
Addendum to 2009 Fish Tissue Study – Northern Pike Fish Tissue Data Summary Report	2019
Phase 3 Sediment Toxicity Study Sampling	2019
Recreational Consumption & Resource Use Survey Data Analysis Report	2019
Recreational Use Survey Data Analysis Report	2019
Tribal Consumption & Resource Use Survey Data Analysis Report	2019
Final Data Management Plan; RI/FS Work Plan Amendment 1	2019
Phase 3 Sediment Facies Mapping Study Data Summary Report	2020
Final Upland Soils Natural Background Assessment (Assessment of background concentrations of metals and metalloids in upland soils, with revised results)	2020
Final Chemicals of Potential Concern Refinement for Aquatic & Terrestrial Receptors Addendum to Baseline Ecological Risk Assessment	2020
Draft Site-Wide Human Health Risk Assessment: Upper Columbia River Site (Public Comment)	2020

Activity	Year
Final Site-Wide Human Health Risk Assessment: Upper Columbia River Site	2021
Draft Interim Partial Upland Baseline Ecological Risk Assessment	2021
Draft Interim Partial Upland Remedial Investigation Report	2021
Phase 3 Sediment Study Data Analyses Technical Memorandum	2021
Phase 3 Sediment Toxicity Study Data Summary Report	2022
RI/FS Work Plan Addendum 2	2022
Draft Final Upland Baseline Ecological Risk Assessment	2023
Draft Final Upland Remedial Investigation Report	2023
EPA Baseline Ecological Risk Assessment	2023
Draft Aquatic Baseline Ecological Risk Assessment	2024
Sediment Transport Study	Underway
Draft Aquatic Remedial Investigation Report	Underway