

APPENDIX B

BERA DATA SETS

UPPER COLUMBIA RIVER

FINAL **Aquatic Baseline Ecological Risk Assessment** **Appendix B** **BERA Data Sets**

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July 2026

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(provided in Excel format)

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ACRONYMS AND ABBREVIATIONS

0 DL	nondetected values treated as zero
1/2 DL	nondetected values treated as half of the DL
ADA	aerial deposition area
AVGZ	aquatic vegetation growth zone
BERA	baseline ecological risk assessment
CB	Columbia Beach
CBN	Columbia Beach North
CBS	Columbia Beach South
CLP	contract laboratory program
COI	chemical of interest
COPC	chemical of potential concern
CS50	medium, coarse, and very coarse sand > 50 percent of substrate
CSM	conceptual site model
DDE	dichlorodiphenyldichloroethylene
DDx	sum of 2,4'-DDD, 4,4'-DDD, 2,4'-DDE, 4,4'-DDE, 2,4'-DDT, and 4,4'-DDT
Det	detected
DL	detection limit
DOC	dissolved organic carbon
DSR	Data Summary Report
eCEC	effective cation exchange capacity
EMPC	estimated max concentration
EPA	U.S. Environmental Protection Agency
EPT	Ephemeroptera, Plecoptera, and Trichoptera
FSCA	fish sample collection area
HPAH	high molecular weight polycyclic aromatic hydrocarbon
HQ	hazard quotient
log ₁₀	base 10 logarithm

MF	Marcus Flats
MFE	Marcus Flats East
MDL	method detection limit
MRL	method reporting limit
NA	not applicable
ND	nondetected value
nm	not measured
OC	organic carbon
OU	operable unit
PCB	polychlorinated biphenyl
PQL	practical quantitation limit
QAPP	Quality Assurance Project Plan
QL	quantitation limit
RFA	Relict Floodplain A
RFB	Relict Floodplain B
RFC	Relict Floodplain C
RFD	Relict Floodplain D
RL	reporting limit
RI	remedial investigation
SEM	simultaneously extracted metals
TEQ	toxic equivalent
TOC	total organic carbon
U*	detected in an associated blank
UCR	Upper Columbia River
USGS	U.S. Geological Survey
WSDA	windblown sediment deposition area
XRF	x-ray fluorescence

UNITS OF MEASURE

cm	centimeter(s)
cmol/kg	centimole(s) per kilogram of dry soil
°C	degree(s) Celsius
g	gram(s)
in.	inch(es)
m ²	meter(s) squared
µg/L	microgram(s) per liter
µm	micrometer(s)
µmol/g	micromole(s) per gram
mg/kg	milligram(s) per kilogram
mg/L	milligram(s) per liter

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