APPENDIX B. DATA TABLES

Appendix B. Data Tables

Duwamish AOC3 Seep Water Chemistry

Task	Task_Desc	Location_Name	Sample_Name	Matrix	Sample_Type	Parent_Sample_Name	Sample_Date	Chemical_Group
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-66	LDW18-SP-66	Seep water	N		6/15/2018	Dioxin/furan
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-66	LDW18-SP-66	Seep water	N		6/15/2018	Dioxin/furan
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-78	LDW18-SP-78	Seep water	N		6/14/2018	Dioxin/furan
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-86	LDW18-SP-86	Seep water	N		6/15/2018	Dioxin/furan
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-87	LDW18-SP-87	Seep water	N		6/14/2018	Dioxin/furan
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-87	LDW18-SP-87	Seep water	N		6/14/2018	Dioxin/furan

Qualifiers:

EMPC - estimated maximum possible concentration

J – estimated concentration

U – not detected at reporting limit shown

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Appendix B. Data Tables

Duwamish AOC3 Seep Water Chemistry

Task	Task_Desc	Location_Name	Sample_Name	Chemical	Fraction	Report_Value
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-66	LDW18-SP-66	OCDD	D	6.67 J
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-66	LDW18-SP-66	OCDF	D	0.643 J
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-78	LDW18-SP-78	OCDD	D	11.6 J
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-86	LDW18-SP-86	1,2,3,4,6,7,8-HpCDF	D	0.579 J
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-87	LDW18-SP-87	OCDD	D	8.77 J
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-87	LDW18-SP-87	OCDF	D	0.974 J

Qualifiers:

EMPC - estimated maximum possible concentration

J – estimated concentration

U – not detected at reporting limit shown

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Appendix B. Data Tables

Duwamish AOC3 Seep Water Chemistry

Task	Task_Desc	Location_Name	Sample_Name	Value	Value_or_ Half_QL	Qualifier	Unit	Basis	Detected
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-66	LDW18-SP-66	6.67	6.67	J	pg/L	NA	Yes
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-66	LDW18-SP-66	0.643	0.643	J	pg/L	NA	Yes
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-78	LDW18-SP-78	11.6	11.6	J	pg/L	NA	Yes
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-86	LDW18-SP-86	0.579	0.579	J	pg/L	NA	Yes
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-87	LDW18-SP-87	8.77	8.77	J	pg/L	NA	Yes
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-87	LDW18-SP-87	0.974	0.974	J	pg/L	NA	Yes

Qualifiers:

EMPC - estimated maximum possible concentration

J – estimated concentration

U – not detected at reporting limit shown

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Appendix B. Data Tables

Duwamish AOC3 Seep Water Chemistry

Task	Task_Desc	Location_Name	Sample_Name	Sig_Figs	Analysis_Method	X	Y	Horizontal_Datum
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-66	LDW18-SP-66	3	EPA 1613B	1266514	206252	NAD83
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-66	LDW18-SP-66	3	EPA 1613B	1266514	206252	NAD83
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-78	LDW18-SP-78	3	EPA 1613B	1268629	204281	NAD83
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-86	LDW18-SP-86	3	EPA 1613B	1265956	206989	NAD83
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-87	LDW18-SP-87	3	EPA 1613B	1269562	200704	NAD83
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-87	LDW18-SP-87	3	EPA 1613B	1269562	200704	NAD83

Qualifiers:

EMPC - estimated maximum possible concentration

J – estimated concentration

U – not detected at reporting limit shown

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Appendix B. Data Tables

Duwamish AOC3 Seep Water Chemistry

Task	Task_Desc	Location_Name	Sample_Name	Coordinate_Type	CAS_Number	Sort_Order	Location_Code
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-66	LDW18-SP-66	WA-N NAD83	3268-87-9	11035	LDW18-SP-66
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-66	LDW18-SP-66	WA-N NAD83	39001-02-0	11085	LDW18-SP-66
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-78	LDW18-SP-78	WA-N NAD83	3268-87-9	11035	LDW18-SP-78
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-86	LDW18-SP-86	WA-N NAD83	67562-39-4	11075	LDW18-SP-86
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-87	LDW18-SP-87	WA-N NAD83	3268-87-9	11035	LDW18-SP-87
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-87	LDW18-SP-87	WA-N NAD83	39001-02-0	11085	LDW18-SP-87

Qualifiers:

EMPC - estimated maximum possible concentration

J – estimated concentration

U – not detected at reporting limit shown

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Appendix B. Data Tables

Duwamish AOC3 Seep Water Chemistry

Task	Task_Desc	Location_Name	Sample_Name	Sample_Code	Parent_Sample_Code	Lab_QC_Avg	Sample_Group
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-66	LDW18-SP-66	LDW18-SP-66		No	LDWAOC3 Seep-WSP
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-66	LDW18-SP-66	LDW18-SP-66		No	LDWAOC3 Seep-WSP
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-78	LDW18-SP-78	LDW18-SP-78		No	LDWAOC3 Seep-WSP
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-86	LDW18-SP-86	LDW18-SP-86		No	LDWAOC3 Seep-WSP
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-87	LDW18-SP-87	LDW18-SP-87		No	LDWAOC3 Seep-WSP
LDWAOC3 Seep 2018	LDW AOC3 Seep 2018	LDW18-SP-87	LDW18-SP-87	LDW18-SP-87		No	LDWAOC3 Seep-WSP

Qualifiers:

EMPC - estimated maximum possible concentration

J – estimated concentration

U – not detected at reporting limit shown

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Descriptions for data table field names

Field name	Description
Analysis_Method	Analytical method
Basis	Physical state in which the chemistry of the sample is reported (Wet: wet weight, Dry: dry weight, NA: not applicable)
CAS_Number	Chemical abstract number (or a unique text identifier when not available)
Chemical	Chemical
Chemical_Group	Chemical group
Coordinate_Type	All populated with "WA-N NAD83" (Washington State Plane - North, North American Datum 1983)
Data_Quality	Usability of data based on AOC3 Task 2 data quality review. "Approved for all uses" indicates that all DQOs were met; "Conditional use" indicates that some DQOs were not met and results should be used with caution; "Conditional use (data quality not reviewed)" identifies data for which no data quality review was conducted.
Depth_Unit	Unit of measure for upper and lower sample depth relative to surface or mudline
Detected	Yes/no flag reflecting detection status
Fraction	Total or dissolved fraction (T - Total, D - Dissolved, N - not applicable)
Horizontal_Datum	All populated with "NAD83" (North American Datum 1983)
Lab_QC_Avg	Yes/no field for identifying results generated by averaging laboratory replicates
Location_Code	Unique text or numerical code for location
Location_Group	Description of sample location relative to LDW site (e.g. "Study area", "Upstream")
Location_Name	Location name
Lower_Depth	Lower depth of sampling interval, as measured below surface or mudline
Matrix	Sample medium (sediment, surface water, seep water, porewater, groundwater, tissue, solids, suspended solids)
OC_Norm	Organic carbon-normalized concentration in mg/kg OC, for non-polar organic SMS chemicals (present only in sediment datasets)
OC_Norm_Qualifier	Interpreted qualifier based on laboratory and/or validation qualifiers associated with OC-normed value and associated TOC value.
Parent_Sample_Code	Unique text or numerical code for the parent sample associated with a duplicate
Parent_Sample_Name	Name of the parent sample associated with a duplicate
Qualifier	Interpreted qualifier based on laboratory and/or validation qualifier
Report_Value	Text version of concentration including significant figures and any applicable qualifiers
River_Mile	Numeric value identifying the river mile
Sample_Code	Unique text or numerical code for a sample
Sample_Date	Sample collection date
Sample_Desc	Descriptive details associated with a sample (if available)
Sample_Group	Unique identifier assigned in the database to a group of samples
Sample_Name	Text identification for each sample
Sample_Type	Identifies the type of field sample (N - normal, FD - field duplicate, FR - field replicate)
Sampling_Method	Sample collection method
Sig_Figs	Number of significant figures for the concentration
Sort_Order	Sort order for chemicals, used for reporting purposes
Species_common_name	Fish or shellfish species sampled (present only in tissue datasets)
Species_SciName	Scientific name of fish or shellfish species sampled (present only in tissue datasets)
Task_Code	Text or numerical code for sampling event/task
Task	Descriptive sampling event/task name
Tissue_Type	Fish or shellfish tissue type, such as fillet without skin, whole-body, muscle, or hepatopancreas (present only in tissue datasets)
TOC	Total organic carbon as percent dry weight (present only in sediment datasets)
Unit	Concentration unit
Upper_Depth	Upper depth of sampling interval, as measured below surface or mudline
Value	Concentration or reporting limit if undetected
Value_or_Half_QL	Concentration or one-half the reporting limit if undetected
X	X coordinate in Washington State Plane North NAD 83
Y	Y coordinate in Washington State Plane North NAD 83

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