

APPENDIX C. DATA TABLES

- u Appendix C1. Calculation of Reconstituted Whole-body Tissue for Clams
- u Appendix C2. Clam Tissue Chemistry Data Tables (attached Excel file)
- u Appendix C3. Co-located Sediment Chemistry Data Tables (attached Excel file)
- u Appendix C4. Passive Sampler Porewater Chemistry Data Tables (attached Excel file)

Appendix C1.
Calculation of Reconstituted Whole-body
Tissue for Clams

Reconstituted whole-body clam tissue concentrations will be calculated using Equation 1:

$$C_{WB} = (C_{siphon} \times F_{siphon}) + (C_{remainder} \times F_{remainder}) \quad \text{Equation 1}$$

Where:

- C_{WB} = estimated whole-body tissue concentration
- C_{siphon} = siphon tissue concentration
- F_{siphon} = average fraction of whole-body weight that is siphon (average siphon weight fraction of individual clams that are included in composite sample)
- $C_{remainder}$ = remainder tissue concentration
- $F_{remainder}$ = average fraction of whole-body weight that is remainder (average remainder fraction of individual clams that are included in composite sample)

For reconstituted whole-body concentrations that include a non-detected value for at least one tissue type composite, the non-detected value(s) will be represented in the calculation by one-half the detection limit; the final reconstituted whole-body result will be treated as a detected result. In cases where both tissue type composites are non-detected values, the final reconstituted whole-body result will be assigned a U-qualifier (no detected results), and the weighted sum of the detection limits for the two components will be used to represent the non-detected whole-body concentration.

Table C1-1. Paired samples – clam

Calculated Whole-body Clam Composite	Siphon Composite				Remainder Composite			
	Siphon Composite	No. Specimens in Composite	Mean Specimen Mass (g)	Siphon Ratio	Remainder Composite	No. Specimens in Composite	Mean Specimen Mass (g)	Remainder Ratio
LDW18-C01-CLWB-Comp1	LDW18-C01-CLSP-Comp1	3	3.12	0.0660	LDW18-C01-CLRM-Comp1	3	44.2	0.934
LDW18-C02-CLWB-Comp1	LDW18-C02-CLSP-Comp1	3	2.58	0.0632	LDW18-C02-CLRM-Comp1	3	38.2	0.937
LDW18-C03-CLWB-Comp1	LDW18-C03-CLSP-Comp1	3	1.74	0.0913	LDW18-C03-CLRM-Comp1	3	17.3	0.909
LDW18-C04-CLWB-Comp1	LDW18-C04-CLSP-Comp1	3	1.63	0.107	LDW18-C04-CLRM-Comp1	3	13.6	0.893
LDW18-C05-CLWB-Comp1	LDW18-C05-CLSP-Comp1	3	1.95	0.0701	LDW18-C05-CLRM-Comp1	3	25.9	0.930
LDW18-C06-CLWB-Comp1	LDW18-C06-CLSP-Comp1	3	1.92	0.0602	LDW18-C06-CLRM-Comp1	3	30.0	0.940
LDW18-C07-CLWB-Comp1	LDW18-C07-CLSP-Comp1	3	2.28	0.163	LDW18-C07-CLRM-Comp1	3	11.7	0.837
LDW18-C08-CLWB-Comp1	LDW18-C08-CLSP-Comp1	3	2.77	0.0850	LDW18-C08-CLRM-Comp1	3	29.8	0.915
LDW18-C09-CLWB-Comp1	LDW18-C09-CLSP-Comp1	3	2.39	0.0904	LDW18-C09-CLRM-Comp1	3	24.0	0.910
LDW18-C10-CLWB-Comp1	LDW18-C10-CLSP-Comp1	3	2.21	0.0836	LDW18-C10-CLRM-Comp1	3	24.2	0.916
LDW18-C11-CLWB-Comp1	LDW18-C11-CLSP-Comp1	3	3.76	0.120	LDW18-C11-CLRM-Comp1	3	27.7	0.880

Appendix C2.
Clam Tissue Chemistry Data Tables

Appendix C2

Duwamish AOC3 Clam Tissue Chemistry

Task_Code	Task_Desc	Location_Name	Sample_Name	Sample_Desc	Matrix	Sample_Type	Parent_Sample_Name	Sample_Date	Species_common_name	Species_SciName
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	clam composite for c Tissue	N				5/18/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	clam composite for c Tissue	N				5/18/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	clam composite for c Tissue	N				5/18/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	clam composite for c Tissue	N				5/18/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	clam composite for c Tissue	N				5/18/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	clam composite for c Tissue	N				5/18/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	clam composite for c Tissue	N				5/18/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	clam composite for c Tissue	N				5/18/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	clam composite for c Tissue	N				5/18/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	clam composite for c Tissue	N				5/18/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	clam composite for c Tissue	N				5/18/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	clam composite for c Tissue	N				5/18/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	clam composite for c Tissue	N				5/18/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	clam composite for c Tissue	N				5/18/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	clam composite for c Tissue	N				5/18/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	clam composite for c Tissue	N				5/17/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	clam composite for c Tissue	N				5/17/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	clam composite for c Tissue	N				5/17/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	clam composite for c Tissue	N				5/17/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	clam composite for c Tissue	N				5/17/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	clam composite for c Tissue	N				5/17/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	clam composite for c Tissue	N				5/17/2018	Eastern Softshell Clam	M. arenaria
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	clam composite for c Tissue	N				5/17/2018	Eastern Softshell Clam	M. arenaria

Qualifiers:

C - coelution

EMPC - estimated maximum possible concentration

J - estimated concentration

U - not detected at reporting limit shown

Appendix C2

Duwamish AOC3 Clam Tissue Chemistry

Task_Code	Task_Desc	Location_Name	Sample_Name	Tissue_Type	Chemical_Group	Chemical	Fraction	Report_Value	Value
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C01	LDW18-C01-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)anthracene	T	4.29 J	4.29
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C01	LDW18-C01-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)pyrene	T	4.98 U	4.98
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C01	LDW18-C01-CLWB-Comp2	Soft tissue	PAHs	Benzo(b)fluoranthene	T	2.86 J	2.86
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C01	LDW18-C01-CLWB-Comp2	Soft tissue	PAHs	Benzo(k)fluoranthene	T	1.94 J	1.94
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C01	LDW18-C01-CLWB-Comp2	Soft tissue	PAHs	Chrysene	T	5.61	5.61
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C01	LDW18-C01-CLWB-Comp2	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	11.1	11.1
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C01	LDW18-C01-CLWB-Comp2	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	4.98 U	4.98
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C01	LDW18-C01-CLWB-Comp2	Soft tissue	PAHs	cPAHs - mammal - half DL	T	8.14 J	8.14
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C02	LDW18-C02-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)anthracene	T	4.33 J	4.33
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C02	LDW18-C02-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)pyrene	T	4.97 U	4.97
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C02	LDW18-C02-CLWB-Comp2	Soft tissue	PAHs	Benzo(b)fluoranthene	T	2.86 J	2.86
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C02	LDW18-C02-CLWB-Comp2	Soft tissue	PAHs	Benzo(k)fluoranthene	T	1.83 J	1.83
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C02	LDW18-C02-CLWB-Comp2	Soft tissue	PAHs	Chrysene	T	5.61	5.61
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C02	LDW18-C02-CLWB-Comp2	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	11.6	11.6
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C02	LDW18-C02-CLWB-Comp2	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	11.2	11.2
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C02	LDW18-C02-CLWB-Comp2	Soft tissue	PAHs	cPAHs - mammal - half DL	T	9.20 J	9.2
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C03	LDW18-C03-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)anthracene	T	2.60 J	2.6
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C03	LDW18-C03-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)pyrene	T	5.00 U	5
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C03	LDW18-C03-CLWB-Comp2	Soft tissue	PAHs	Benzo(b)fluoranthene	T	2.46 J	2.46
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C03	LDW18-C03-CLWB-Comp2	Soft tissue	PAHs	Benzo(k)fluoranthene	T	5.00 U	5
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C03	LDW18-C03-CLWB-Comp2	Soft tissue	PAHs	Chrysene	T	4.39 J	4.39
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C03	LDW18-C03-CLWB-Comp2	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	5.00 U	5
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C03	LDW18-C03-CLWB-Comp2	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	10.8	10.8
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C03	LDW18-C03-CLWB-Comp2	Soft tissue	PAHs	cPAHs - mammal - half DL	T	5.38 J	5.38
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C04	LDW18-C04-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)anthracene	T	3.39 J	3.39
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C04	LDW18-C04-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)pyrene	T	4.99 U	4.99
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C04	LDW18-C04-CLWB-Comp2	Soft tissue	PAHs	Benzo(b)fluoranthene	T	2.68 J	2.68
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C04	LDW18-C04-CLWB-Comp2	Soft tissue	PAHs	Benzo(k)fluoranthene	T	1.73 J	1.73
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C04	LDW18-C04-CLWB-Comp2	Soft tissue	PAHs	Chrysene	T	4.41 J	4.41
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C04	LDW18-C04-CLWB-Comp2	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.99 U	4.99
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C04	LDW18-C04-CLWB-Comp2	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	10.9	10.9
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C04	LDW18-C04-CLWB-Comp2	Soft tissue	PAHs	cPAHs - mammal - half DL	T	5.41 J	5.41
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C05	LDW18-C05-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)anthracene	T	6.77	6.77
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C05	LDW18-C05-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)pyrene	T	3.93 J	3.93
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C05	LDW18-C05-CLWB-Comp2	Soft tissue	PAHs	Benzo(b)fluoranthene	T	4.71 J	4.71
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C05	LDW18-C05-CLWB-Comp2	Soft tissue	PAHs	Benzo(k)fluoranthene	T	2.76 J	2.76
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C05	LDW18-C05-CLWB-Comp2	Soft tissue	PAHs	Chrysene	T	8.05	8.05
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C05	LDW18-C05-CLWB-Comp2	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	11.0	11
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C05	LDW18-C05-CLWB-Comp2	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	11.4	11.4
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C05	LDW18-C05-CLWB-Comp2	Soft tissue	PAHs	cPAHs - mammal - half DL	T	11.0 J	11
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C06	LDW18-C06-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)anthracene	T	3.02 J	3.02
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C06	LDW18-C06-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)pyrene	T	4.97 U	4.97
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C06	LDW18-C06-CLWB-Comp2	Soft tissue	PAHs	Benzo(b)fluoranthene	T	2.27 J	2.27
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C06	LDW18-C06-CLWB-Comp2	Soft tissue	PAHs	Benzo(k)fluoranthene	T	4.97 U	4.97
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C06	LDW18-C06-CLWB-Comp2	Soft tissue	PAHs	Chrysene	T	3.57 J	3.57

Appendix C2

Duwamish AOC3 Clam Tissue Chemistry

Task_Code	Task_Desc	Location_Name	Sample_Name	Tissue_Type	Chemical_Group	Chemical	Fraction	Report_Value	Value
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C06	LDW18-C06-CLWB-Comp2	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.97 U	4.97
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C06	LDW18-C06-CLWB-Comp2	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	10.6	10.6
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C06	LDW18-C06-CLWB-Comp2	Soft tissue	PAHs	cPAHs - mammal - half DL	T	5.35 J	5.35
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)anthracene	T	2.62 J	2.62
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)pyrene	T	4.97 U	4.97
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	Soft tissue	PAHs	Benzo(b)fluoranthene	T	1.71 J	1.71
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	Soft tissue	PAHs	Benzo(k)fluoranthene	T	4.97 U	4.97
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	Soft tissue	PAHs	Chrysene	T	3.92 J	3.92
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.97 U	4.97
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	10.2	10.2
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	Soft tissue	PAHs	cPAHs - mammal - half DL	T	5.22 J	5.22
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)anthracene	T	5.00 U	5
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)pyrene	T	5.00 U	5
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	Soft tissue	PAHs	Benzo(b)fluoranthene	T	5.00 U	5
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	Soft tissue	PAHs	Benzo(k)fluoranthene	T	5.00 U	5
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	Soft tissue	PAHs	Chrysene	T	5.00 U	5
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	5.00 U	5
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	10.4	10.4
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	Soft tissue	PAHs	cPAHs - mammal - half DL	T	5.32	5.32
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)anthracene	T	2.85 J	2.85
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	Soft tissue	PAHs	Benzo(a)pyrene	T	3.22 J	3.22
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	Soft tissue	PAHs	Benzo(b)fluoranthene	T	3.18 J	3.18
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	Soft tissue	PAHs	Benzo(k)fluoranthene	T	1.86 J	1.86
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	Soft tissue	PAHs	Chrysene	T	4.41 J	4.41
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.98 U	4.98
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	11.8	11.8
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	Soft tissue	PAHs	cPAHs - mammal - half DL	T	6.23 J	6.23
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A01	LDW18-A01-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	4.81 J	4.81	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A01	LDW18-A01-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	3.77 J	3.77	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A01	LDW18-A01-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	4.50 J	4.5	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A01	LDW18-A01-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	2.58 J	2.58	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A01	LDW18-A01-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	7.20	7.2	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A01	LDW18-A01-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	5.00 U	5	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A01	LDW18-A01-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	5.00 U	5	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A01	LDW18-A01-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	6.28 J	6.28	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A02	LDW18-A02-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	4.35 J	4.35	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A02	LDW18-A02-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	4.99 U	4.99	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A02	LDW18-A02-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	3.06 J	3.06	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A02	LDW18-A02-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	1.76 J	1.76	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A02	LDW18-A02-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	4.64 J	4.64	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A02	LDW18-A02-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.99 U	4.99	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A02	LDW18-A02-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	4.99 U	4.99	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A02	LDW18-A02-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	4.71 J	4.71	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A03	LDW18-A03-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	36.6	36.6	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and collocated sedi	LDW18-A03	LDW18-A03-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	39.9	39.9	

Appendix C2

Duwamish AOC3 Clam Tissue Chemistry

Task_Code	Task_Desc	Location_Name	Sample_Name	Tissue_Type	Chemical_Group	Chemical	Fraction	Report_Value	Value
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A03	LDW18-A03-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	26.4	26.4	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A03	LDW18-A03-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	16.8	16.8	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A03	LDW18-A03-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	38.4	38.4	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A03	LDW18-A03-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	6.12	6.12	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A03	LDW18-A03-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	21.3	21.3	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A03	LDW18-A03-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	52.8	52.8	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A04	LDW18-A04-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	4.97 U	4.97	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A04	LDW18-A04-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	4.97 U	4.97	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A04	LDW18-A04-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	1.52 J	1.52	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A04	LDW18-A04-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	4.97 U	4.97	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A04	LDW18-A04-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	4.97 U	4.97	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A04	LDW18-A04-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.97 U	4.97	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A04	LDW18-A04-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	4.97 U	4.97	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A04	LDW18-A04-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	4.40 J	4.4	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A05	LDW18-A05-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	2.64 J	2.64	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A05	LDW18-A05-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	4.93 U	4.93	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A05	LDW18-A05-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	2.87 J	2.87	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A05	LDW18-A05-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	1.82 J	1.82	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A05	LDW18-A05-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	4.32 J	4.32	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A05	LDW18-A05-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.93 U	4.93	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A05	LDW18-A05-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	4.93 U	4.93	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A05	LDW18-A05-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	4.47 J	4.47	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A06	LDW18-A06-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	2.93 J	2.93	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A06	LDW18-A06-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	4.99 U	4.99	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A06	LDW18-A06-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	2.09 J	2.09	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A06	LDW18-A06-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	1.51 J	1.51	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A06	LDW18-A06-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	4.55 J	4.55	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A06	LDW18-A06-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.99 U	4.99	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A06	LDW18-A06-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	4.99 U	4.99	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A06	LDW18-A06-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	4.44 J	4.44	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A07	LDW18-A07-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	3.05 J	3.05	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A07	LDW18-A07-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	4.94 U	4.94	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A07	LDW18-A07-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	2.42 J	2.42	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A07	LDW18-A07-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	4.94 U	4.94	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A07	LDW18-A07-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	5.08	5.08	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A07	LDW18-A07-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.94 U	4.94	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A07	LDW18-A07-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	4.94 U	4.94	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A07	LDW18-A07-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	4.55 J	4.55	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A08	LDW18-A08-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	3.16 J	3.16	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A08	LDW18-A08-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	4.93 U	4.93	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A08	LDW18-A08-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	2.39 J	2.39	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A08	LDW18-A08-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	4.93 U	4.93	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A08	LDW18-A08-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	4.28 J	4.28	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A08	LDW18-A08-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.93 U	4.93	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A08	LDW18-A08-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	4.93 U	4.93	

Appendix C2

Duwamish AOC3 Clam Tissue Chemistry

Task_Code	Task_Desc	Location_Name	Sample_Name	Tissue_Type	Chemical_Group	Chemical	Fraction	Report_Value	Value
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A08	LDW18-A08-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	4.54 J	4.54	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A09	LDW18-A09-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	3.05 J	3.05	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A09	LDW18-A09-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	4.96 U	4.96	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A09	LDW18-A09-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	2.39 J	2.39	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A09	LDW18-A09-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	1.59 J	1.59	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A09	LDW18-A09-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	4.36 J	4.36	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A09	LDW18-A09-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.96 U	4.96	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A09	LDW18-A09-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	4.96 U	4.96	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A09	LDW18-A09-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	4.47 J	4.47	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A10	LDW18-A10-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	5.11	5.11	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A10	LDW18-A10-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	4.94 U	4.94	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A10	LDW18-A10-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	2.85 J	2.85	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A10	LDW18-A10-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	1.73 J	1.73	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A10	LDW18-A10-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	5.72	5.72	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A10	LDW18-A10-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.94 U	4.94	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A10	LDW18-A10-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	4.94 U	4.94	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A10	LDW18-A10-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	4.73 J	4.73	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A11	LDW18-A11-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	3.68 J	3.68	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A11	LDW18-A11-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	4.97 U	4.97	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A11	LDW18-A11-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	2.47 J	2.47	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A11	LDW18-A11-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	1.53 J	1.53	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A11	LDW18-A11-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	6.38	6.38	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A11	LDW18-A11-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.97 U	4.97	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A11	LDW18-A11-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	4.97 U	4.97	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A11	LDW18-A11-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	4.56 J	4.56	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A12	LDW18-A12-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	4.98 U	4.98	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A12	LDW18-A12-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	4.98 U	4.98	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A12	LDW18-A12-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	4.98 U	4.98	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A12	LDW18-A12-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	4.98 U	4.98	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A12	LDW18-A12-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	4.98 U	4.98	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A12	LDW18-A12-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.98 U	4.98	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A12	LDW18-A12-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	4.98 U	4.98	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A12	LDW18-A12-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	4.51 U	4.51	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A13	LDW18-A13-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	4.93 U	4.93	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A13	LDW18-A13-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	4.93 U	4.93	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A13	LDW18-A13-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	1.71 J	1.71	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A13	LDW18-A13-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	4.93 U	4.93	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A13	LDW18-A13-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	4.07 J	4.07	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A13	LDW18-A13-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.93 U	4.93	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A13	LDW18-A13-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	4.93 U	4.93	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A13	LDW18-A13-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	4.40 J	4.4	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	2.76 J	2.76	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	4.98 U	4.98	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	2.69 J	2.69	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	1.52 J	1.52	

Appendix C2

Duwamish AOC3 Clam Tissue Chemistry

Task_Code	Task_Desc	Location_Name	Sample_Name	Tissue_Type	Chemical_Group	Chemical	Fraction	Report_Value	Value
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	4.42 J	4.42	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.98 U	4.98	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	4.98 U	4.98	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	4.48 J	4.48	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	4.39 J	4.39	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	3.91 J	3.91	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	4.31 J	4.31	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	2.72 J	2.72	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	6.01	6.01	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	4.96 U	4.96	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	2.65 J	2.65	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	6.37 J	6.37	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)anthracene	T	5.00 U	5	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	Soft tissue	PAHs	Benzo(a)pyrene	T	5.00 U	5	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	Soft tissue	PAHs	Benzo(b)fluoranthene	T	1.64 J	1.64	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	Soft tissue	PAHs	Benzo(k)fluoranthene	T	5.00 U	5	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	Soft tissue	PAHs	Chrysene	T	5.00 U	5	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	Soft tissue	PAHs	Dibenzo(a,h)anthracene	T	5.00 U	5	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	Soft tissue	PAHs	Indeno(1,2,3-cd)pyrene	T	5.00 U	5	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	Soft tissue	PAHs	cPAHs - mammal - half DL	T	4.44 J	4.44	

Qualifiers:

C - coelution

EMPC - estimated maximum possible concentration

J – estimated concentration

U – not detected at reporting limit shown

Appendix C2

Duwamish AOC3 Clam Tissue Chemistry

Task_Code	Task_Desc	Location_Name	Sample_Name	Value_or_Half_Q_L	Qualifier	Unit	Basis	Detected	Sig_Figs	Analysis_Method	CAS_Number	Sort_Order
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C06	LDW18-C06-CLWB-Comp2	2.49	U	ug/kg	Wet	No	3	EPA 8270D-SIM 53-70-3		5120
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C06	LDW18-C06-CLWB-Comp2	10.6		ug/kg	Wet	Yes	3	EPA 8270D-SIM 193-39-5		5140
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C06	LDW18-C06-CLWB-Comp2	5.35	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM CPAHMAMMALF		5215
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	2.62	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 56-55-3		5065
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	2.49	U	ug/kg	Wet	No	3	EPA 8270D-SIM 50-32-8		5075
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	1.71	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 205-99-2		5080
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	2.49	U	ug/kg	Wet	No	3	EPA 8270D-SIM 207-08-9		5100
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	3.92	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 218-01-9		5115
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	2.49	U	ug/kg	Wet	No	3	EPA 8270D-SIM 53-70-3		5120
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	10.2		ug/kg	Wet	Yes	3	EPA 8270D-SIM 193-39-5		5140
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C08	LDW18-C08-CLWB-Comp2	5.22	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM CPAHMAMMALF		5215
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	2.5	U	ug/kg	Wet	No	3	EPA 8270D-SIM 56-55-3		5065
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	2.5	U	ug/kg	Wet	No	3	EPA 8270D-SIM 50-32-8		5075
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	2.5	U	ug/kg	Wet	No	3	EPA 8270D-SIM 205-99-2		5080
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	2.5	U	ug/kg	Wet	No	3	EPA 8270D-SIM 207-08-9		5100
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	2.5	U	ug/kg	Wet	No	3	EPA 8270D-SIM 218-01-9		5115
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	2.5	U	ug/kg	Wet	No	3	EPA 8270D-SIM 53-70-3		5120
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	10.4		ug/kg	Wet	Yes	3	EPA 8270D-SIM 193-39-5		5140
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C10	LDW18-C10-CLWB-Comp2	5.32		ug/kg	Wet	Yes	3	EPA 8270D-SIM CPAHMAMMALF		5215
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	2.85	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 56-55-3		5065
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	3.22	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 50-32-8		5075
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	3.18	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 205-99-2		5080
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	1.86	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 207-08-9		5100
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	4.41	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 218-01-9		5115
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	2.49	U	ug/kg	Wet	No	3	EPA 8270D-SIM 53-70-3		5120
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	11.8		ug/kg	Wet	Yes	3	EPA 8270D-SIM 193-39-5		5140
LDWAOC3 Clam Tissue 2018	LDW AOC3 clam tissue sampling 2018	LDW18-C11	LDW18-C11-CLWB-Comp2	6.23	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM CPAHMAMMALF		5215
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A01	LDW18-A01	LDW18-A01-CLWB-Comp1	4.81	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 56-55-3		5065
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A01	LDW18-A01	LDW18-A01-CLWB-Comp1	3.77	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 50-32-8		5075
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A01	LDW18-A01	LDW18-A01-CLWB-Comp1	4.5	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 205-99-2		5080
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A01	LDW18-A01	LDW18-A01-CLWB-Comp1	2.58	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 207-08-9		5100
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A01	LDW18-A01	LDW18-A01-CLWB-Comp1	7.2		ug/kg	Wet	Yes	3	EPA 8270D-SIM 218-01-9		5115
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A01	LDW18-A01	LDW18-A01-CLWB-Comp1	2.5	U	ug/kg	Wet	No	3	EPA 8270D-SIM 53-70-3		5120
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A01	LDW18-A01	LDW18-A01-CLWB-Comp1	2.5	U	ug/kg	Wet	No	3	EPA 8270D-SIM 193-39-5		5140
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A01	LDW18-A01	LDW18-A01-CLWB-Comp1	6.28	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM CPAHMAMMALF		5215
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A02	LDW18-A02	LDW18-A02-CLWB-Comp1	4.35	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 56-55-3		5065
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A02	LDW18-A02	LDW18-A02-CLWB-Comp1	2.5	U	ug/kg	Wet	No	3	EPA 8270D-SIM 50-32-8		5075
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A02	LDW18-A02	LDW18-A02-CLWB-Comp1	3.06	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 205-99-2		5080
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A02	LDW18-A02	LDW18-A02-CLWB-Comp1	1.76	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 207-08-9		5100
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A02	LDW18-A02	LDW18-A02-CLWB-Comp1	4.64	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 218-01-9		5115
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A02	LDW18-A02	LDW18-A02-CLWB-Comp1	2.5	U	ug/kg	Wet	No	3	EPA 8270D-SIM 53-70-3		5120
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A02	LDW18-A02	LDW18-A02-CLWB-Comp1	2.5	U	ug/kg	Wet	No	3	EPA 8270D-SIM 193-39-5		5140
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A02	LDW18-A02	LDW18-A02-CLWB-Comp1	4.71	J	ug/kg	Wet	Yes	3	EPA 8270D-SIM CPAHMAMMALF		5215
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A03	LDW18-A03	LDW18-A03-CLWB-Comp1	36.6		ug/kg	Wet	Yes	3	EPA 8270D-SIM 56-55-3		5065
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A03	LDW18-A03	LDW18-A03-CLWB-Comp1	39.9		ug/kg	Wet	Yes	3	EPA 8270D-SIM 50-32-8		5075

Appendix C2

Duwamish AOC3 Clam Tissue Chemistry

Task_Code	Task_Desc	Location_Name	Sample_Name	Value_or_Half_Q_L	Qualifier	Unit	Basis	Detected	Sig_Figs	Analysis_Method	CAS_Number	Sort_Order
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	4.42 J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 218-01-9	5115			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	2.49 U	ug/kg	Wet	No	3	EPA 8270D-SIM 53-70-3	5120			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	2.49 U	ug/kg	Wet	No	3	EPA 8270D-SIM 193-39-5	5140			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	4.48 J	ug/kg	Wet	Yes	3	EPA 8270D-SIM CPAHMAMMALF	5215			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	4.39 J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 56-55-3	5065			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	3.91 J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 50-32-8	5075			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	4.31 J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 205-99-2	5080			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	2.72 J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 207-08-9	5100			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	6.01	ug/kg	Wet	Yes	3	EPA 8270D-SIM 218-01-9	5115			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	2.48 U	ug/kg	Wet	No	3	EPA 8270D-SIM 53-70-3	5120			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	2.65 J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 193-39-5	5140			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	6.37 J	ug/kg	Wet	Yes	3	EPA 8270D-SIM CPAHMAMMALF	5215			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	2.5 U	ug/kg	Wet	No	3	EPA 8270D-SIM 56-55-3	5065			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	2.5 U	ug/kg	Wet	No	3	EPA 8270D-SIM 50-32-8	5075			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	1.64 J	ug/kg	Wet	Yes	3	EPA 8270D-SIM 205-99-2	5080			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	2.5 U	ug/kg	Wet	No	3	EPA 8270D-SIM 207-08-9	5100			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	2.5 U	ug/kg	Wet	No	3	EPA 8270D-SIM 218-01-9	5115			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	2.5 U	ug/kg	Wet	No	3	EPA 8270D-SIM 53-70-3	5120			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	2.5 U	ug/kg	Wet	No	3	EPA 8270D-SIM 193-39-5	5140			
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	4.44 J	ug/kg	Wet	Yes	3	EPA 8270D-SIM CPAHMAMMALF	5215			

Qualifiers:

C - coelution

EMPC - estimated maximum possible concentration

J – estimated concentration

U – not detected at reporting limit shown

Appendix C2

Duwamish AOC3 Clam Tissue Chemistry

Task_Code	Task_Desc	Location_Name	Sample_Name	Location_Code	Sample_Code	Parent_Sample_Code	Lab_QC_Avg	Sample_Group
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	LDW18-A17	LDW18-A17-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	LDW18-A17	LDW18-A17-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	LDW18-A17	LDW18-A17-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A17	LDW18-A17-CLWB-Comp1	LDW18-A17	LDW18-A17-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	LDW18-A18	LDW18-A18-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	LDW18-A18	LDW18-A18-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	LDW18-A18	LDW18-A18-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	LDW18-A18	LDW18-A18-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	LDW18-A18	LDW18-A18-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	LDW18-A18	LDW18-A18-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	LDW18-A18	LDW18-A18-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A18	LDW18-A18-CLWB-Comp1	LDW18-A18	LDW18-A18-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	LDW18-A19	LDW18-A19-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	LDW18-A19	LDW18-A19-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	LDW18-A19	LDW18-A19-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	LDW18-A19	LDW18-A19-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	LDW18-A19	LDW18-A19-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	LDW18-A19	LDW18-A19-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	
LDWAOC3 cPAH Clam and Co-L LDW AOC3 clam tissue and colocated sedi	LDW18-A19	LDW18-A19-CLWB-Comp1	LDW18-A19	LDW18-A19-CLWB-Comp1		No	LDWAOC3 Clam-Sed-TA	

Qualifiers:
 C - coelution
 EMPC - estimated maximum possible concentration
 J – estimated concentration
 U – not detected at reporting limit shown

Reconstituted whole body clam tissue ratios

Calculated whole body composite ID	% Siphon	% Remainder
Eastern softshell clam		
LDW18-C01-CLWB-Comp1	6.60%	93.4%
LDW18-C02-CLWB-Comp1	6.32%	93.7%
LDW18-C03-CLWB-Comp1	9.13%	90.9%
LDW18-C04-CLWB-Comp1	10.7%	89.3%
LDW18-C05-CLWB-Comp1	7.01%	93.0%
LDW18-C06-CLWB-Comp1	6.02%	94.0%
LDW18-C07-CLWB-Comp1	16.3%	83.7%
LDW18-C08-CLWB-Comp1	8.50%	91.5%
LDW18-C09-CLWB-Comp1	9.04%	91.0%
LDW18-C10-CLWB-Comp1	8.36%	91.6%
LDW18-C11-CLWB-Comp1	12.0%	88.0%

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)
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

Appendix C3.
Co-located Sediment Chemistry Data Tables

Appendix C3

Duwamish AOC3 Co-Located Sediment Chemistry

Task	Task_Desc	Location_Name	Depth_Unit	Chemical_Group	Chemical	Fraction	Report_Value	Value	Value_or_Half_QL	Qualifier	Unit	Basis	Detected
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A01	cm	PAHs	Benzo(a)anthracene	T	610	610	610		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A01	cm	PAHs	Benzo(a)pyrene	T	613	613	613		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A01	cm	PAHs	Benzo(b)fluoranthene	T	365	365	365		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A01	cm	PAHs	Benzo(k)fluoranthene	T	236	236	236		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A01	cm	PAHs	Total benzofluoranthenes	T	601	601	601		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A01	cm	PAHs	Chrysene	T	598	598	598		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A01	cm	PAHs	Dibenzo(a,h)anthracene	T	101	101	101		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A01	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	306	306	306		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A01	cm	PAHs	cPAHs - mammal - half DL	T	811	811	811		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A01	cm	Conventional	Total organic carbon (TOC)	T	0.640 J	0.64	0.64 J		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A01	cm	Conventional	Total solids	T	78.17	78.17	78.17		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A01	cm	Conventional	Black carbon	T	0.172 J	0.172	0.172 J		%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A02	cm	PAHs	Benzo(a)anthracene	T	7.69	7.69	7.69		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A02	cm	PAHs	Benzo(a)pyrene	T	6.78	6.78	6.78		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A02	cm	PAHs	Benzo(b)fluoranthene	T	6.54	6.54	6.54		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A02	cm	PAHs	Benzo(k)fluoranthene	T	3.13 J	3.13	3.13 J		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A02	cm	PAHs	Total benzofluoranthenes	T	9.67 J	9.67	9.67 J		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A02	cm	PAHs	Chrysene	T	8.00	8	8		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A02	cm	PAHs	Dibenzo(a,h)anthracene	T	4.78 U	4.78	2.39 U		ug/kg	Dry	No
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A02	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	5.94	5.94	5.94		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A02	cm	PAHs	cPAHs - mammal - half DL	T	10.2 J	10.2	10.2 J		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A02	cm	Conventional	Total organic carbon (TOC)	T	0.740 J	0.74	0.74 J		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A02	cm	Conventional	Total solids	T	72.20	72.2	72.2		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A02	cm	Conventional	Black carbon	T	0.168 J	0.168	0.168 J		%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A03	cm	PAHs	Benzo(a)anthracene	T	8,960	8960	8960		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A03	cm	PAHs	Benzo(a)pyrene	T	8,790	8790	8790		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A03	cm	PAHs	Benzo(b)fluoranthene	T	5,030	5030	5030		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A03	cm	PAHs	Benzo(k)fluoranthene	T	3,290	3290	3290		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A03	cm	PAHs	Total benzofluoranthenes	T	8,320	8320	8320		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A03	cm	PAHs	Chrysene	T	8,830	8830	8830		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A03	cm	PAHs	Dibenzo(a,h)anthracene	T	1,480	1480	1480		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A03	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	4,360	4360	4360		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A03	cm	PAHs	cPAHs - mammal - half DL	T	11,600	11600	11600		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A03	cm	Conventional	Total organic carbon (TOC)	T	1.78 J	1.78	1.78 J		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A03	cm	Conventional	Total solids	T	62.47	62.47	62.47		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A03	cm	Conventional	Black carbon	T	0.281 J	0.281	0.281 J		%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A04	cm	PAHs	Benzo(a)anthracene	T	13.0	13	13		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A04	cm	PAHs	Benzo(a)pyrene	T	12.8	12.8	12.8		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A04	cm	PAHs	Benzo(b)fluoranthene	T	14.2	14.2	14.2		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A04	cm	PAHs	Benzo(k)fluoranthene	T	8.06	8.06	8.06		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A04	cm	PAHs	Total benzofluoranthenes	T	22.3	22.3	22.3		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A04	cm	PAHs	Chrysene	T	23.3	23.3	23.3		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A04	cm	PAHs	Dibenzo(a,h)anthracene	T	2.69 J	2.69	2.69 J		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A04	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	8.01	8.01	8.01		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A04	cm	PAHs	cPAHs - mammal - half DL	T	18.4 J	18.4	18.4 J		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A04	cm	Conventional	Total organic carbon (TOC)	T	0.500 J	0.5	0.5 J		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A04	cm	Conventional	Total solids	T	73.13	73.13	73.13		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A04	cm	Conventional	Black carbon	T	0.073 J	0.073	0.073 J		%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A05	cm	PAHs	Benzo(a)anthracene	T	56.4	56.4	56.4		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A05	cm	PAHs	Benzo(a)pyrene	T	76.2	76.2	76.2		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A05	cm	PAHs	Benzo(b)fluoranthene	T	92.5	92.5	92.5		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A05	cm	PAHs	Benzo(k)fluoranthene	T	45.9	45.9	45.9		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A05	cm	PAHs	Total benzofluoranthenes	T	138.4	138.4	138.4		ug/kg	Dry	Yes

Appendix C3

Duwamish AOC3 Co-Located Sediment Chemistry

Task	Task_Desc	Location_Name	Depth_Unit	Chemical_Group	Chemical	Fraction	Report_Value	Value	Value_or_Half_QL	Qualifier	Unit	Basis	Detected
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A05	cm	PAHs	Chrysene	T	116	116	116		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A05	cm	PAHs	Dibenzo(a,h)anthracene	T	12.8	12.8	12.8		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A05	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	51.2	51.2	51.2		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A05	cm	PAHs	cPAHs - mammal - half DL	T	107	107	107		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A05	cm	Conventio	Total organic carbon (TOC)	T	1.26 J	1.26	1.26 J		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A05	cm	Conventio	Total solids	T	63.98	63.98	63.98		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A05	cm	Conventio	Black carbon	T	0.166 J	0.166	0.166 J		%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A06	cm	PAHs	Benzo(a)anthracene	T	31.4	31.4	31.4		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A06	cm	PAHs	Benzo(a)pyrene	T	33.1	33.1	33.1		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A06	cm	PAHs	Benzo(b)fluoranthene	T	34.2	34.2	34.2		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A06	cm	PAHs	Benzo(k)fluoranthene	T	17.7	17.7	17.7		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A06	cm	PAHs	Total benzofluoranthenes	T	51.9	51.9	51.9		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A06	cm	PAHs	Chrysene	T	44.3	44.3	44.3		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A06	cm	PAHs	Dibenzo(a,h)anthracene	T	6.24	6.24	6.24		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A06	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	22.0	22	22		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A06	cm	PAHs	cPAHs - mammal - half DL	T	46.6	46.6	46.6		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A06	cm	Conventio	Total organic carbon (TOC)	T	0.530 J	0.53	0.53 J		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A06	cm	Conventio	Total solids	T	73.08	73.08	73.08		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A06	cm	Conventio	Black carbon	T	0.060	0.06	0.06		%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A07	cm	PAHs	Benzo(a)anthracene	T	67.0	67	67		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A07	cm	PAHs	Benzo(a)pyrene	T	94.2	94.2	94.2		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A07	cm	PAHs	Benzo(b)fluoranthene	T	71.0	71	71		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A07	cm	PAHs	Benzo(k)fluoranthene	T	37.5	37.5	37.5		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A07	cm	PAHs	Total benzofluoranthenes	T	108.5	108.5	108.5		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A07	cm	PAHs	Chrysene	T	108	108	108		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A07	cm	PAHs	Dibenzo(a,h)anthracene	T	17.0	17	17		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A07	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	55.5	55.5	55.5		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A07	cm	PAHs	cPAHs - mammal - half DL	T	125	125	125		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A07	cm	Conventio	Total organic carbon (TOC)	T	1.90 J	1.9	1.9 J		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A07	cm	Conventio	Total solids	T	65.52	65.52	65.52		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A07	cm	Conventio	Black carbon	T	0.069 J	0.069	0.069 J		%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A08	cm	PAHs	Benzo(a)anthracene	T	124	124	124		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A08	cm	PAHs	Benzo(a)pyrene	T	145	145	145		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A08	cm	PAHs	Benzo(b)fluoranthene	T	100	100	100		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A08	cm	PAHs	Benzo(k)fluoranthene	T	57.3	57.3	57.3		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A08	cm	PAHs	Total benzofluoranthenes	T	157	157	157		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A08	cm	PAHs	Chrysene	T	195	195	195		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A08	cm	PAHs	Dibenzo(a,h)anthracene	T	26.4	26.4	26.4		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A08	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	86.0	86	86		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A08	cm	PAHs	cPAHs - mammal - half DL	T	194	194	194		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A08	cm	Conventio	Total organic carbon (TOC)	T	0.570 J	0.57	0.57 J		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A08	cm	Conventio	Total solids	T	72.41	72.41	72.41		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A08	cm	Conventio	Black carbon	T	0.231	0.231	0.231		%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A09	cm	PAHs	Benzo(a)anthracene	T	29.8	29.8	29.8		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A09	cm	PAHs	Benzo(a)pyrene	T	34.2	34.2	34.2		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A09	cm	PAHs	Benzo(b)fluoranthene	T	39.5	39.5	39.5		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A09	cm	PAHs	Benzo(k)fluoranthene	T	20.1	20.1	20.1		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A09	cm	PAHs	Total benzofluoranthenes	T	59.6	59.6	59.6		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A09	cm	PAHs	Chrysene	T	44.5	44.5	44.5		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A09	cm	PAHs	Dibenzo(a,h)anthracene	T	5.69	5.69	5.69		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A09	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	20.8	20.8	20.8		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A09	cm	PAHs	cPAHs - mammal - half DL	T	47.9	47.9	47.9		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A09	cm	Conventio	Total organic carbon (TOC)	T	0.770 J	0.77	0.77 J		%	Wet	Yes

Appendix C3

Duwamish AOC3 Co-Located Sediment Chemistry

Task	Task_Desc	Location_Name	Depth_Unit	Chemical_Group	Chemical	Fraction	Report_Value	Value	Value_or_Half_QL	Qualifier	Unit	Basis	Detected
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A09	cm	Conventional	Total solids	T	76.27	76.27	76.27		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A09	cm	Conventional	Black carbon	T	0.056 J	0.056	0.056	J	%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A10	cm	PAHs	Benzo(a)anthracene	T	37.3	37.3	37.3		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A10	cm	PAHs	Benzo(a)pyrene	T	40.0	40	40		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A10	cm	PAHs	Benzo(b)fluoranthene	T	39.4	39.4	39.4		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A10	cm	PAHs	Benzo(k)fluoranthene	T	21.5	21.5	21.5		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A10	cm	PAHs	Total benzofluoranthenes	T	60.9	60.9	60.9		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A10	cm	PAHs	Chrysene	T	50.6	50.6	50.6		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A10	cm	PAHs	Dibenzo(a,h)anthracene	T	8.01	8.01	8.01		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A10	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	24.7	24.7	24.7		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A10	cm	PAHs	cPAHs - mammal - half DL	T	56.0	56	56		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A10	cm	Conventional	Total organic carbon (TOC)	T	0.400 J	0.4	0.4	J	%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A10	cm	Conventional	Total solids	T	87.94	87.94	87.94		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A10	cm	Conventional	Black carbon	T	0.024 J	0.024	0.024	J	%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Benzo(a)anthracene	T	54.8	54.8	54.8		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Benzo(a)pyrene	T	63.4	63.4	63.4		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Benzo(b)fluoranthene	T	72.9	72.9	72.9		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Benzo(k)fluoranthene	T	36.4	36.4	36.4		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Total benzofluoranthenes	T	109.3	109.3	109.3		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Chrysene	T	83.1	83.1	83.1		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Dibenzo(a,h)anthracene	T	12.2	12.2	12.2		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	46.0	46	46		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	cPAHs - mammal - half DL	T	90.1	90.1	90.1		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	Conventional	Total organic carbon (TOC)	T	1.39 J	1.39	1.39	J	%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	Conventional	Total solids	T	59.52	59.52	59.52		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	Conventional	Black carbon	T	0.153	0.153	0.153		%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Benzo(a)anthracene	T	38.3	38.3	38.3		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Benzo(a)pyrene	T	45.0	45	45		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Benzo(b)fluoranthene	T	55.5	55.5	55.5		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Benzo(k)fluoranthene	T	25.8	25.8	25.8		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Total benzofluoranthenes	T	81.3	81.3	81.3		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Chrysene	T	60.6	60.6	60.6		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Dibenzo(a,h)anthracene	T	8.88	8.88	8.88		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	32.3	32.3	32.3		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	PAHs	cPAHs - mammal - half DL	T	64.3	64.3	64.3		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	Conventional	Total organic carbon (TOC)	T	1.15 J	1.15	1.15	J	%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	Conventional	Total solids	T	60.82	60.82	60.82		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A11	cm	Conventional	Black carbon	T	0.158	0.158	0.158		%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A12	cm	PAHs	Benzo(a)anthracene	T	17.5	17.5	17.5		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A12	cm	PAHs	Benzo(a)pyrene	T	17.7	17.7	17.7		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A12	cm	PAHs	Benzo(b)fluoranthene	T	21.3	21.3	21.3		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A12	cm	PAHs	Benzo(k)fluoranthene	T	9.79	9.79	9.79		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A12	cm	PAHs	Total benzofluoranthenes	T	31.1	31.1	31.1		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A12	cm	PAHs	Chrysene	T	27.9	27.9	27.9		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A12	cm	PAHs	Dibenzo(a,h)anthracene	T	4.52 J	4.52	4.52	J	ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A12	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	12.8	12.8	12.8		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A12	cm	PAHs	cPAHs - mammal - half DL	T	25.9 J	25.9	25.9	J	ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A12	cm	Conventional	Total organic carbon (TOC)	T	0.610 J	0.61	0.61	J	%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A12	cm	Conventional	Total solids	T	79.03	79.03	79.03		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A12	cm	Conventional	Black carbon	T	0.079	0.079	0.079		%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	cm	PAHs	Benzo(a)anthracene	T	46.0	46	46		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	cm	PAHs	Benzo(a)pyrene	T	53.6	53.6	53.6		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	cm	PAHs	Benzo(b)fluoranthene	T	50.8	50.8	50.8		ug/kg	Dry	Yes

Appendix C3

Duwamish AOC3 Co-Located Sediment Chemistry

Task	Task_Desc	Location_Name	Depth_Unit	Chemical_Group	Chemical	Fraction	Report_Value	Value	Value_or_Half_QL	Qualifier	Unit	Basis	Detected
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	cm	PAHs	Benzo(k)fluoranthene	T	30.3	30.3	30.3		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	cm	PAHs	Total benzofluoranthenes	T	81.1	81.1	81.1		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	cm	PAHs	Chrysene	T	68.9	68.9	68.9		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	cm	PAHs	Dibenzo(a,h)anthracene	T	13.2	13.2	13.2		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	42.8	42.8	42.8		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	cm	PAHs	cPAHs - mammal - half DL	T	76.6	76.6	76.6		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	cm	Conventional	Total organic carbon (TOC)	T	0.680 J	0.68	0.68 J		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	cm	Conventional	Total solids	T	71.87	71.87	71.87		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	cm	Conventional	Black carbon	T	0.140	0.14	0.14		%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	cm	PAHs	Benzo(a)anthracene	T	144	144	144		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	cm	PAHs	Benzo(a)pyrene	T	148	148	148		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	cm	PAHs	Benzo(b)fluoranthene	T	143	143	143		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	cm	PAHs	Benzo(k)fluoranthene	T	76.4	76.4	76.4		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	cm	PAHs	Total benzofluoranthenes	T	219	219	219		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	cm	PAHs	Chrysene	T	181	181	181		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	cm	PAHs	Dibenzo(a,h)anthracene	T	29.2	29.2	29.2		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	98.0	98	98		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	cm	PAHs	cPAHs - mammal - half DL	T	208	208	208		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	cm	Conventional	Total organic carbon (TOC)	T	1.05 J	1.05	1.05 J		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	cm	Conventional	Total solids	T	59.28	59.28	59.28		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	cm	Conventional	Black carbon	T	0.269	0.269	0.269		%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	cm	PAHs	Benzo(a)anthracene	T	896	896	896		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	cm	PAHs	Benzo(a)pyrene	T	1,020	1020	1020		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	cm	PAHs	Benzo(b)fluoranthene	T	789	789	789		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	cm	PAHs	Benzo(k)fluoranthene	T	489	489	489		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	cm	PAHs	Total benzofluoranthenes	T	1,278	1278	1278		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	cm	PAHs	Chrysene	T	916	916	916		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	cm	PAHs	Dibenzo(a,h)anthracene	T	209	209	209		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	624	624	624		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	cm	PAHs	cPAHs - mammal - half DL	T	1,390	1390	1390		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	cm	Conventional	Total organic carbon (TOC)	T	0.770 J	0.77	0.77 J		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	cm	Conventional	Total solids	T	72.17	72.17	72.17		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	cm	Conventional	Black carbon	T	0.230 J	0.23	0.23 J		%	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	cm	PAHs	Benzo(a)anthracene	T	49.6	49.6	49.6		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	cm	PAHs	Benzo(a)pyrene	T	58.0	58	58		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	cm	PAHs	Benzo(b)fluoranthene	T	54.3	54.3	54.3		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	cm	PAHs	Benzo(k)fluoranthene	T	32.7	32.7	32.7		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	cm	PAHs	Total benzofluoranthenes	T	87.0	87	87		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	cm	PAHs	Chrysene	T	74.6	74.6	74.6		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	cm	PAHs	Dibenzo(a,h)anthracene	T	11.0	11	11		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	cm	PAHs	Indeno(1,2,3-cd)pyrene	T	40.4	40.4	40.4		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	cm	PAHs	cPAHs - mammal - half DL	T	80.8	80.8	80.8		ug/kg	Dry	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	cm	Conventional	Total organic carbon (TOC)	T	0.840 J	0.84	0.84 J		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	cm	Conventional	Total solids	T	58.42	58.42	58.42		%	Wet	Yes
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	cm	Conventional	Black carbon	T	0.160 J	0.16	0.16 J		%	Dry	Yes

Qualifiers:

J – estimated concentration

U – not detected at reporting limit shown

Appendix C3

Duwamish AOC3 Co-Located Sediment Chemistry

Task	Task_Desc	Location_Name	Sig_Figs	Analysis_Method	Sampling_Method	CAS_Number	Sort_Order	Location_Code	Sample_Code	Parent_Sample_Code	Lab_QC_Avg	OC_Norm	OC_Norm_Qualifier
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	3	EPA 8270D	Stainless ste	207-08-9	5100	LDW18-A13	LDW18-SSCL-A13		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	3	EPA 8270D	Stainless ste	TOTBNZFLF	5110	LDW18-A13	LDW18-SSCL-A13		No	11.9	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	3	EPA 8270D	Stainless ste	218-01-9	5115	LDW18-A13	LDW18-SSCL-A13		No	10.1	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	3	EPA 8270D	Stainless ste	53-70-3	5120	LDW18-A13	LDW18-SSCL-A13		No	1.94	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	3	EPA 8270D	Stainless ste	193-39-5	5140	LDW18-A13	LDW18-SSCL-A13		No	6.29	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	3	EPA 8270D	Stainless ste	CPAHMAMM	5215	LDW18-A13	LDW18-SSCL-A13		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	3	EPA 9060	Stainless ste	TOC	17170	LDW18-A13	LDW18-SSCL-A13		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	4	SM 2540-G	Stainless ste	SOLID	17185	LDW18-A13	LDW18-SSCL-A13		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A13	3	EPA 9060M	Stainless ste	7440-44-0	17235	LDW18-A13	LDW18-SSCL-A13		Yes		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	3	EPA 8270D	Stainless ste	56-55-3	5065	LDW18-A17	LDW18-SSCL-A17		No	13.7	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	3	EPA 8270D	Stainless ste	50-32-8	5075	LDW18-A17	LDW18-SSCL-A17		No	14.1	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	3	EPA 8270D	Stainless ste	205-99-2	5080	LDW18-A17	LDW18-SSCL-A17		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	3	EPA 8270D	Stainless ste	207-08-9	5100	LDW18-A17	LDW18-SSCL-A17		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	3	EPA 8270D	Stainless ste	TOTBNZFLF	5110	LDW18-A17	LDW18-SSCL-A17		No	20.9	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	3	EPA 8270D	Stainless ste	218-01-9	5115	LDW18-A17	LDW18-SSCL-A17		No	17.2	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	3	EPA 8270D	Stainless ste	53-70-3	5120	LDW18-A17	LDW18-SSCL-A17		No	2.78	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	3	EPA 8270D	Stainless ste	193-39-5	5140	LDW18-A17	LDW18-SSCL-A17		No	9.33	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	3	EPA 8270D	Stainless ste	CPAHMAMM	5215	LDW18-A17	LDW18-SSCL-A17		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	3	EPA 9060	Stainless ste	TOC	17170	LDW18-A17	LDW18-SSCL-A17		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	4	SM 2540-G	Stainless ste	SOLID	17185	LDW18-A17	LDW18-SSCL-A17		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A17	3	EPA 9060M	Stainless ste	7440-44-0	17235	LDW18-A17	LDW18-SSCL-A17		Yes		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	3	EPA 8270D	Stainless ste	56-55-3	5065	LDW18-A18	LDW18-SSCL-A18		No	116	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	3	EPA 8270D	Stainless ste	50-32-8	5075	LDW18-A18	LDW18-SSCL-A18		No	132	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	3	EPA 8270D	Stainless ste	205-99-2	5080	LDW18-A18	LDW18-SSCL-A18		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	3	EPA 8270D	Stainless ste	207-08-9	5100	LDW18-A18	LDW18-SSCL-A18		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	4	EPA 8270D	Stainless ste	TOTBNZFLF	5110	LDW18-A18	LDW18-SSCL-A18		No	166	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	3	EPA 8270D	Stainless ste	218-01-9	5115	LDW18-A18	LDW18-SSCL-A18		No	119	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	3	EPA 8270D	Stainless ste	53-70-3	5120	LDW18-A18	LDW18-SSCL-A18		No	27.1	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	3	EPA 8270D	Stainless ste	193-39-5	5140	LDW18-A18	LDW18-SSCL-A18		No	81	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	3	EPA 8270D	Stainless ste	CPAHMAMM	5215	LDW18-A18	LDW18-SSCL-A18		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	3	EPA 9060	Stainless ste	TOC	17170	LDW18-A18	LDW18-SSCL-A18		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	4	SM 2540-G	Stainless ste	SOLID	17185	LDW18-A18	LDW18-SSCL-A18		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A18	3	EPA 9060M	Stainless ste	7440-44-0	17235	LDW18-A18	LDW18-SSCL-A18		Yes		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	3	EPA 8270D	Stainless ste	56-55-3	5065	LDW18-A19	LDW18-SSCL-A19		No	5.9	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	3	EPA 8270D	Stainless ste	50-32-8	5075	LDW18-A19	LDW18-SSCL-A19		No	6.9	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	3	EPA 8270D	Stainless ste	205-99-2	5080	LDW18-A19	LDW18-SSCL-A19		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	3	EPA 8270D	Stainless ste	207-08-9	5100	LDW18-A19	LDW18-SSCL-A19		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	3	EPA 8270D	Stainless ste	TOTBNZFLF	5110	LDW18-A19	LDW18-SSCL-A19		No	10.4	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	3	EPA 8270D	Stainless ste	218-01-9	5115	LDW18-A19	LDW18-SSCL-A19		No	8.88	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	3	EPA 8270D	Stainless ste	53-70-3	5120	LDW18-A19	LDW18-SSCL-A19		No	1.31	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	3	EPA 8270D	Stainless ste	193-39-5	5140	LDW18-A19	LDW18-SSCL-A19		No	4.81	J
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	3	EPA 8270D	Stainless ste	CPAHMAMM	5215	LDW18-A19	LDW18-SSCL-A19		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	3	EPA 9060	Stainless ste	TOC	17170	LDW18-A19	LDW18-SSCL-A19		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	4	SM 2540-G	Stainless ste	SOLID	17185	LDW18-A19	LDW18-SSCL-A19		No		
LDWAOC3 cPAH Clam and Co-Loc Sed	LDW AOC3 clam tissue and colocated se	LDW18-A19	3	EPA 9060M	Stainless ste	7440-44-0	17235	LDW18-A19	LDW18-SSCL-A19		Yes		

Qualifiers:

J – estimated concentration

U – not detected at reporting limit shown

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

Appendix C4.
Passive Sampler Porewater Chemistry Data Tables

Appendix C4

Duwamish AOC3 Passive Sampler Porewater Chemistry (calculated values)

Task	Task_Desc	Location_Name	Sample_Name	Chemical	Fraction	Report_Value	Value	Value_or_Half_QL	Qualifier	Unit	Basis
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A01	LDW18-PW-A01	Benzo(a)anthracene	D	4.51	4.51	4.51		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A01	LDW18-PW-A01	Benzo(a)pyrene	D	0.984	0.984	0.984		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A01	LDW18-PW-A01	Benzo(b)fluoranthene	D	1.10	1.1	1.1		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A01	LDW18-PW-A01	Benzo(j,k)fluoranthene	D	1.03	1.03	1.03		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A01	LDW18-PW-A01	Total benzofluoranthenes	D	2.13	2.13	2.13		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A01	LDW18-PW-A01	Chrysene	D	5.93	5.93	5.93		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A01	LDW18-PW-A01	Dibenzo(a,h)anthracene	D	0.0210 J	0.021	0.021	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A01	LDW18-PW-A01	Indeno(1,2,3-cd)pyrene	D	0.0666	0.0666	0.0666		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A01	LDW18-PW-A01	cPAHs - mammal - half DL	D	1.72 J	1.72	1.72	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A02	LDW18-PW-A02	Benzo(a)anthracene	D	0.0522 J	0.0522	0.0522	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A02	LDW18-PW-A02	Benzo(a)pyrene	D	0.0105 J	0.0105	0.0105	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A02	LDW18-PW-A02	Benzo(b)fluoranthene	D	0.0184 J	0.0184	0.0184	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A02	LDW18-PW-A02	Benzo(j,k)fluoranthene	D	0.0130 J	0.013	0.013	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A02	LDW18-PW-A02	Total benzofluoranthenes	D	0.0314 J	0.0314	0.0314	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A02	LDW18-PW-A02	Chrysene	D	0.0832 J	0.0832	0.0832	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A02	LDW18-PW-A02	Dibenzo(a,h)anthracene	D	0.000938 U	0.000938	0.000469	U	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A02	LDW18-PW-A02	Indeno(1,2,3-cd)pyrene	D	0.000375 U	0.000375	0.000188	U	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A02	LDW18-PW-A02	cPAHs - mammal - half DL	D	0.0199 J	0.0199	0.0199	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A04	LDW18-PW-A04	Benzo(a)anthracene	D	0.582	0.582	0.582		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A04	LDW18-PW-A04	Benzo(a)pyrene	D	0.0899 J	0.0899	0.0899	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A04	LDW18-PW-A04	Benzo(b)fluoranthene	D	0.149	0.149	0.149		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A04	LDW18-PW-A04	Benzo(j,k)fluoranthene	D	0.122	0.122	0.122		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A04	LDW18-PW-A04	Total benzofluoranthenes	D	0.271	0.271	0.271		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A04	LDW18-PW-A04	Chrysene	D	0.837	0.837	0.837		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A04	LDW18-PW-A04	Dibenzo(a,h)anthracene	D	0.00194 U	0.00194	0.00097	U	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A04	LDW18-PW-A04	Indeno(1,2,3-cd)pyrene	D	0.00567 J	0.00567	0.00567	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A04	LDW18-PW-A04	cPAHs - mammal - half DL	D	0.185 J	0.185	0.185	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A06	LDW18-PW-A06	Benzo(a)anthracene	D	1.12	1.12	1.12		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A06	LDW18-PW-A06	Benzo(a)pyrene	D	0.201	0.201	0.201		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A06	LDW18-PW-A06	Benzo(b)fluoranthene	D	0.358	0.358	0.358		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A06	LDW18-PW-A06	Benzo(j,k)fluoranthene	D	0.296	0.296	0.296		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A06	LDW18-PW-A06	Total benzofluoranthenes	D	0.654	0.654	0.654		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A06	LDW18-PW-A06	Chrysene	D	1.62	1.62	1.62		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A06	LDW18-PW-A06	Dibenzo(a,h)anthracene	D	0.00627 J	0.00627	0.00627	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A06	LDW18-PW-A06	Indeno(1,2,3-cd)pyrene	D	0.0104 J	0.0104	0.0104	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A06	LDW18-PW-A06	cPAHs - mammal - half DL	D	0.398 J	0.398	0.398	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07	Benzo(a)anthracene	D	3.69	3.69	3.69		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07	Benzo(a)pyrene	D	0.871	0.871	0.871		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07	Benzo(b)fluoranthene	D	1.04	1.04	1.04		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07	Benzo(j,k)fluoranthene	D	0.861	0.861	0.861		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07	Total benzofluoranthenes	D	1.90	1.9	1.9		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07	Chrysene	D	4.76	4.76	4.76		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07	Dibenzo(a,h)anthracene	D	0.0385 J	0.0385	0.0385	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07	Indeno(1,2,3-cd)pyrene	D	0.0845 J	0.0845	0.0845	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07	cPAHs - mammal - half DL	D	1.50 J	1.5	1.5	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07Dup	Benzo(a)anthracene	D	3.95	3.95	3.95		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07Dup	Benzo(a)pyrene	D	1.18	1.18	1.18		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07Dup	Benzo(b)fluoranthene	D	1.33	1.33	1.33		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07Dup	Benzo(j,k)fluoranthene	D	1.16	1.16	1.16		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07Dup	Total benzofluoranthenes	D	2.49	2.49	2.49		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07Dup	Chrysene	D	5.14	5.14	5.14		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07Dup	Dibenzo(a,h)anthracene	D	0.0453 J	0.0453	0.0453	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07Dup	Indeno(1,2,3-cd)pyrene	D	0.102	0.102	0.102		ug/L	NA

Appendix C4

Duwamish AOC3 Passive Sampler Porewater Chemistry (calculated values)

Task	Task_Desc	Location_Name	Sample_Name	Chemical	Fraction	Report_Value	Value	Value_or_Half_QL	Qualifier	Unit	Basis
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A07	LDW18-PW-A07Dup	cPAHs - mammal - half DL	D	1.90 J	1.9	1.9	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A08	LDW18-PW-A08	Benzo(a)anthracene	D	0.596 J	0.596	0.596	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A08	LDW18-PW-A08	Benzo(a)pyrene	D	0.257	0.257	0.257		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A08	LDW18-PW-A08	Benzo(b)fluoranthene	D	0.255	0.255	0.255		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A08	LDW18-PW-A08	Benzo(j,k)fluoranthene	D	0.192	0.192	0.192		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A08	LDW18-PW-A08	Total benzofluoranthenes	D	0.447	0.447	0.447		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A08	LDW18-PW-A08	Chrysene	D	0.838	0.838	0.838		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A08	LDW18-PW-A08	Dibenzo(a,h)anthracene	D	0.00650 J	0.0065	0.0065	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A08	LDW18-PW-A08	Indeno(1,2,3-cd)pyrene	D	0.0194 J	0.0194	0.0194	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A08	LDW18-PW-A08	cPAHs - mammal - half DL	D	0.374 J	0.374	0.374	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A10	LDW18-PW-A10	Benzo(a)anthracene	D	6.74	6.74	6.74		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A10	LDW18-PW-A10	Benzo(a)pyrene	D	0.799	0.799	0.799		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A10	LDW18-PW-A10	Benzo(b)fluoranthene	D	1.22	1.22	1.22		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A10	LDW18-PW-A10	Benzo(j,k)fluoranthene	D	0.956	0.956	0.956		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A10	LDW18-PW-A10	Total benzofluoranthenes	D	2.18	2.18	2.18		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A10	LDW18-PW-A10	Chrysene	D	8.17	8.17	8.17		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A10	LDW18-PW-A10	Dibenzo(a,h)anthracene	D	0.0139 J	0.0139	0.0139	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A10	LDW18-PW-A10	Indeno(1,2,3-cd)pyrene	D	0.0310	0.031	0.031		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A10	LDW18-PW-A10	cPAHs - mammal - half DL	D	1.78 J	1.78	1.78	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A11	LDW18-PW-A11	Benzo(a)anthracene	D	1.01	1.01	1.01		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A11	LDW18-PW-A11	Benzo(a)pyrene	D	0.192	0.192	0.192		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A11	LDW18-PW-A11	Benzo(b)fluoranthene	D	0.336	0.336	0.336		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A11	LDW18-PW-A11	Benzo(j,k)fluoranthene	D	0.267	0.267	0.267		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A11	LDW18-PW-A11	Total benzofluoranthenes	D	0.603	0.603	0.603		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A11	LDW18-PW-A11	Chrysene	D	1.28	1.28	1.28		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A11	LDW18-PW-A11	Dibenzo(a,h)anthracene	D	0.00609 J	0.00609	0.00609	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A11	LDW18-PW-A11	Indeno(1,2,3-cd)pyrene	D	0.0135	0.0135	0.0135		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A11	LDW18-PW-A11	cPAHs - mammal - half DL	D	0.370 J	0.37	0.37	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A17	LDW18-PW-A17	Benzo(a)anthracene	D	1.50	1.5	1.5		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A17	LDW18-PW-A17	Benzo(a)pyrene	D	0.394	0.394	0.394		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A17	LDW18-PW-A17	Benzo(b)fluoranthene	D	0.634	0.634	0.634		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A17	LDW18-PW-A17	Benzo(j,k)fluoranthene	D	0.478	0.478	0.478		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A17	LDW18-PW-A17	Total benzofluoranthenes	D	1.112	1.112	1.112		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A17	LDW18-PW-A17	Chrysene	D	2.12	2.12	2.12		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A17	LDW18-PW-A17	Dibenzo(a,h)anthracene	D	0.00879 J	0.00879	0.00879	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A17	LDW18-PW-A17	Indeno(1,2,3-cd)pyrene	D	0.0238	0.0238	0.0238		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A17	LDW18-PW-A17	cPAHs - mammal - half DL	D	0.682 J	0.682	0.682	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A18	LDW18-PW-A18	Benzo(a)anthracene	D	1.18	1.18	1.18		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A18	LDW18-PW-A18	Benzo(a)pyrene	D	0.566	0.566	0.566		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A18	LDW18-PW-A18	Benzo(b)fluoranthene	D	0.854	0.854	0.854		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A18	LDW18-PW-A18	Benzo(j,k)fluoranthene	D	0.718	0.718	0.718		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A18	LDW18-PW-A18	Total benzofluoranthenes	D	1.572	1.572	1.572		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A18	LDW18-PW-A18	Chrysene	D	2.44	2.44	2.44		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A18	LDW18-PW-A18	Dibenzo(a,h)anthracene	D	0.0120 J	0.012	0.012	J	ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A18	LDW18-PW-A18	Indeno(1,2,3-cd)pyrene	D	0.0371	0.0371	0.0371		ug/L	NA
LDWAOC3 PW PSE2 cPAH Calc	LDWAOC3 PW PSE2 cPAH Calculated F	LDW18-A18	LDW18-PW-A18	cPAHs - mammal - half DL	D	0.874 J	0.874	0.874	J	ug/L	NA

Qualifiers:

J – estimated concentration

U – not detected at reporting limit shown

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