

AECOM

CORRELATION TABLE

DIOXIN/FURAN ANALYSIS

Lab Name: SGS AXYS Analytical Services Ltd.	Project Manager: Sean Campbell
Project Name: Portland Harbor PDI and Baseline Tissue	Contract No: 4972
	SGS AXYS Method: MLA-013 & MLA-017
Data Package Identification: DPWG65764	Program: Tissue Samples
Client Sample No.	Lab Sample ID
LAB BLANK	WG65145-101
OPR	WG65145-102
PDI-TF-SMB043	L29935-1
PDI-TF-SMB032	L29935-2
PDI-TF-SMB029	L29935-3
PDI-TF-SMB042	L29935-4
PDI-TF-SMB030	L29935-5 WG65145-103 DUPLICATE
PDI-TF-SMB036	L29935-6
PDI-TF-SMB044	L29935-7
PDI-TF-SMB014	L29935-8
PDI-TF-SMB038	L29935-9
PDI-TF-SMB028	L29935-10
PDI-TF-SMB039	L29935-11
PDI-TF-SMB040	L29935-12
PDI-TF-SMB020	L29935-13
PDI-TF-SMB010	L29935-14
PDI-TF-SMB022	L29935-15
PDI-TF-SMB024	L29935-16
PDI-TF-SMB021	L29935-17
PDI-TF-SMB023	L29935-18
PDI-TF-SMB015	L29935-19
PDI-TF-SMB025	L29935-20

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CORRELATION TABLE

POLYBROMINATE DIPHENYLETHER ANALYSIS

Lab Name: SGS AXYS Analytical Services Ltd.	Project Manager: Sean Campbell
Project Name: Portland Harbor PDI and Baseline Tissue	Contract No: 4972
	SGS AXYS Method: MLA-013 & MLA-033
Data Package Identification: DPWG65893	Program: Tissue Samples
Client Sample No.	Lab Sample ID
LAB BLANK	WG65145-101
OPR	WG65145-102
PDI-TF-SMB043	L29935-1
PDI-TF-SMB032	L29935-2
PDI-TF-SMB029	L29935-3
PDI-TF-SMB042	L29935-4
PDI-TF-SMB030	L29935-5 WG65145-103 DUPLICATE
PDI-TF-SMB036	L29935-6
PDI-TF-SMB044	L29935-7
PDI-TF-SMB014	L29935-8
PDI-TF-SMB038	L29935-9
PDI-TF-SMB028	L29935-10
PDI-TF-SMB039	L29935-11
PDI-TF-SMB040	L29935-12
PDI-TF-SMB020	L29935-13
PDI-TF-SMB010	L29935-14
PDI-TF-SMB022	L29935-15
PDI-TF-SMB024	L29935-16
PDI-TF-SMB021	L29935-17
PDI-TF-SMB023	L29935-18
PDI-TF-SMB015	L29935-19
PDI-TF-SMB025	L29935-20

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CORRELATION TABLE

PCB CONGENER ANALYSIS

Lab Name: SGS AXYS Analytical Services Ltd.	Project Manager: Sean Campbell
Project Name: Portland Harbor PDI and Baseline Tissue	Contract No: 4972
	SGS AXYS Method: MLA-013 & MLA-010
Data Package Identification: DPWG65887	Program: Tissue Samples
Client Sample No.	Lab Sample ID
LAB BLANK	WG65145-101
OPR	WG65145-102
PDI-TF-SMB043	L29935-1
PDI-TF-SMB032	L29935-2
PDI-TF-SMB029	L29935-3
PDI-TF-SMB042	L29935-4
PDI-TF-SMB030	L29935-5 WG65145-103 DUPLICATE
PDI-TF-SMB036	L29935-6
PDI-TF-SMB044	L29935-7
PDI-TF-SMB014	L29935-8
PDI-TF-SMB038	L29935-9
PDI-TF-SMB028	L29935-10
PDI-TF-SMB039	L29935-11
PDI-TF-SMB040	L29935-12
PDI-TF-SMB020	L29935-13
PDI-TF-SMB010	L29935-14
PDI-TF-SMB022	L29935-15
PDI-TF-SMB024	L29935-16
PDI-TF-SMB021	L29935-17
PDI-TF-SMB023	L29935-18
PDI-TF-SMB015	L29935-19
PDI-TF-SMB025	L29935-20

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CORRELATION TABLE

ORGANOCHLORINE PESTICIDE ANALYSIS

Lab Name: SGS AXYS Analytical Services Ltd.	Project Manager: Sean Campbell
Project Name: Portland Harbor PDI and Baseline Tissue	Contract No: 4972
	SGS AXYS Method: MLA-013 & MLA-028
Data Package Identification: DPWG65772	Program: Tissue Samples
Client Sample No.	Lab Sample ID
LAB BLANK	WG65145-101
OPR	WG65145-102
PDI-TF-SMB043	L29935-1
PDI-TF-SMB032	L29935-2
PDI-TF-SMB029	L29935-3
PDI-TF-SMB042	L29935-4
PDI-TF-SMB030	L29935-5 WG65145-103 DUPLICATE
PDI-TF-SMB036	L29935-6
PDI-TF-SMB044	L29935-7
PDI-TF-SMB014	L29935-8
PDI-TF-SMB038	L29935-9
PDI-TF-SMB028	L29935-10
PDI-TF-SMB039	L29935-11
PDI-TF-SMB040	L29935-12
PDI-TF-SMB020	L29935-13
PDI-TF-SMB010	L29935-14
PDI-TF-SMB022	L29935-15
PDI-TF-SMB024	L29935-16
PDI-TF-SMB021	L29935-17
PDI-TF-SMB023	L29935-18
PDI-TF-SMB015	L29935-19
PDI-TF-SMB025	L29935-20

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SGS AXYS Analytical Services Ltd. 2045 Mills Road Sidney, BC Canada V8L 5X2 Ph: 250-655-5800 Fax: 250-655-5811		FISH TISSUE CHAIN OF CUSTODY															
Client Contact AECOM 1111 3rd Ave Suite 1600 Seattle, WA 98101 Phone: (206) 438-2700 Fax: 1+(866) 495-5288 Project Name: Portland Harbor Pre-Remedial Design Investigation and Baseline Sampling Portland, OR Project #: 60566335 Study: Fish Tissue Sample Type: <u>Fish Tissue whole</u>		Project Contact: Amy Dahl / Chelsey Cook Tel: (206) 438-2261 / (206) 438-2010 Analysis Turnaround Time Calendar (C) or Work Days (W) ☒ 30 days ☐ Other _____		Site Contact: Jennifer Ray / Michaela McCoog Laboratory Contact: Sean Campbell				Date: 8/22/18 Carrier: FedEx		COC No: 1 1 of 2 pages							
Sample Identification		Sample Date	Sample Time	Matrix	QC Sample	Sampler's Initials	Total No. of Cont.	Fraction	Chlorinated Pesticides + Hexachlorobenzene - 1699	Dioxins and Furans - 1613B	Lipids	Arsenic - 6020B	Mercury - 7471A	PBDEs - 1614	PCB Congeners - 1668A	Sample Specific Notes:	
PDI-TF-SMB 43		8/20/18	0813	TF		JPIJS	1		X	X	X	X	X	X	X		L29935-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12
PDI-TF-SMB 032			1241	TF		GMIRT											
PDI-TF-SMB 29			1342			JPIJS											
PDI-TF-SMB 042			0813			GMIRT											
PDI-TF-SMB 030			081323			GMIRT											
PDI-TF-SMB 036			1034			GM											
PDI-TF-SMB 044			0732			GMIRT											
PDI-TF-SMB 014		8/21/18	1211			GMIRT											
PDI-TF-SMB 038		8/20/18	0947			GMIRT											
PDI-TF-SMB 028		8/21/18	0726			GMIRT											
PDI-TF-SMB 39		8/20/18	1017			JPIJS											
PDI-TF-SMB 040		8/20/18	0840			GMIRT											
Container Type: WMG=Wide Mouth Glass Jar, P=HDPE, PP=Polypropylene, AG=amber glass, G=glass, RC=Resin Column, PB=Poly Bag Preservative: HCl = Hydrochloric Acid, H3PO4 = Phosphoric Acid, HNO3 = Nitric Acid Fraction: D = Dissolved, PRT = Particulate, T = Total (unfiltered)								PB									
Special Instructions/QC Requirements & Comments:								Sample Disposal ☐ Return To Client ☒ Disposal By Lab ☒ Archive For 12 Months									
Relinquished by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u>		Company: <u>AECOM</u> Company: _____ Company: _____		Date/Time: <u>8/22/18 / 1100</u> Date/Time: _____ Date/Time: _____		Received by: <u>[Signature]</u> Received by: _____ Received by: _____		Company: <u>SGS AXYS</u> Company: _____ Company: _____		Date/Time: <u>11:05 23-Aug-2018</u> Date/Time: _____ Date/Time: _____							

4972

SGS AXYS Analytical Services Ltd.		FISH TISSUE CHAIN OF CUSTODY												COC No: 1					
2045 Mills Road Sidney, BC, Canada V8L 5X2 Ph: 250-655-5800 Fax: 250-655-5811		Project Contact: Amy Dahl / Chelsey Cook Tel: (206) 438-2261 / (206) 438-2010				Site Contact: Jennifer Ray / Michaela McCoog Laboratory Contact: Sean Campbell				Date: 8/22/18 Carrier: FedEx				2 of 2 eocs					
Client Contact AECOM 1111 3rd Ave Suite 1600 Seattle, WA 98101 Phone: (206) 438-2700 Fax: 1+(866) 495-5288 Project Name: Portland Harbor Pre-Remedial Design Investigation and Baseline Sampling Portland, OR Project #: 60566335 Study: Fish Tissue Sample Type: FISH WHOLE		Analysis Turnaround Time Calendar (C) or Work Days (W) ☒ 30 days ☐ Other																	
Sample Identification	Sample Date	Sample Time	Matrix	QC Sample	Sampler's Initials	Total No. of Cont.	Fraction	Chlorinated Pesticides + Hexachlorobenzene - 1699	Dioxins and Furans - 1613B	Lipids	Arsenic - 6020B	Mercury - 7471A	PBDEs - 1614	PCB Congeners - 1668A	Sample Specific Notes:				
PDI-TF-SMB 020	8/21/18	0952	TF		GM/RT	1		X	X	X	X	X	X	X		L29935 - 13			
PDI-TF-SMB 010		1313			GM/RT	1										-14			
PDI-TF-SMB 022		0919			GM/RT	1										-15			
PDI-TF-SMB 024		0840			GM/RT	1										-16			
PDI-TF-SMB 21		0922			JP/JS	1										-17			
PDI-TF-SMB 23		0838			JP/JS	1										-18			
PDI-TF-SMB 15		1154				1										-19			
PDI-TF-SMB 25		0805				1										-20			
PDI-TF-SMB 11		8135				1										-21			
PDI-TF-SMB 1M																			
PDI-TF-SMB																			
PDI-TF-SMB																			
Container Type: WMG=Wide Mouth Glass Jar, P=HDPE, PP=Polypropylene, AG=amber glass, G=glass, RC=Resin Column, PB=Poly Bag							PB												
Preservative: HCl = Hydrochloric Acid, H3PO4 = Phosphoric Acid, HNO3 = Nitric Acid							None												
Fraction: D = Dissolved, PRT = Particulate, T = Total (unfiltered)							Sample Disposal												
Special Instructions/QC Requirements & Comments:							☐ Return To Client	☒ Disposal By Lab	☒ Archive For 12 Months										
Relinquished by:	Company:	Date/Time:	Received by:		Company:	Date/Time:													
Relinquished by:	AECOM	8/22/18/1100	Received by:		SGS AXYS	11:05 23-Aug-2018													
Relinquished by:			Received by:																