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: DPWG66237	**Program: Tissue Samples**
Client Sample No.	**Lab Sample ID**
LAB BLANK	WG65907-101
OPR	WG65907-102
PDI-TF-SMB053	L29961-2

AECOM

CORRELATION TABLE

POLYBROMINATED 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: DPWG66277	**Program: Tissue Samples**

Client Sample No.	**Lab Sample ID**
LAB BLANK	WG65907-101
OPR	WG65907-102
PDI-TF-SMB053	L29961-2

AECOM

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: DPWG66269	**Program: Tissue Samples**
Client Sample No.	**Lab Sample ID**
LAB BLANK	WG65907-101
OPR	WG65907-102
PDI-TF-SMB053	L29961-2

AECOM

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: DPWG66236	**Program: Tissue Samples**

Client Sample No.	**Lab Sample ID**
LAB BLANK	WG65907-101
OPR	WG65907-102
PDI-TF-SMB053	L29961-2

4972

FISH TISSUE
CHAIN OF CUSTODY

SGS AXYS Analytical Services Ltd.
2045 Mills Road
Sidney, BC Canada V8L 5X2
Ph: 250-655-5800 Fax: 250-655-5811

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 Tissue

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: 8/27/2018
Carrier:
COC No: 1 of 3 COCs

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-128	8/24/18	10:48	FT		GM, RT	1		X	X	X	X	X	X	X	L2996 -1
PDI-TF-SMB-053	8/22/18	12:13	FT		GM, RT	1									-2
PDI-TF-SMB-9	8/22/18	07:29	FT		JP, JS	1									-3
PDI-TF-SMB-58	8/22/18	12:25	FT		JP, JS	1									-4
PDI-TF-SMB-066	8/23/18	11:20	FT		GM, MO	1									-5
PDI-TF-SMB-109	8/24/18	09:55	FT		JP, JS	1									-6
PDI-TF-SMB-069	8/23/18	10:50	FT		GM, RT	1									-7
PDI-TF-SMB-56	8/22/18	11:51	FT		JP, JS	1									-8
PDI-TF-SMB-7	8/22/18	07:49	FT		JP, JS	1									-9
PDI-TF-SMB-008	8/22/18	07:23	FT		GM, RT	1									-10
PDI-TF-SMB-3	8/22/18	09:00	FT		JP, JS	1									-11
PDI-TF-SMB-98	8/24/18	08:12	FT		JP, JS	1									-12
							PB								
							None								

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)

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☒ Archive For 12 Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company: AECOM	Date/Time: 8/27/18 1500	Received by: FedEx	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company: SGS	Date/Time: 11:30 28-Aug-2018
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

4972

FISH TISSUE
CHAIN OF CUSTODY

SGS AXYS Analytical Services Ltd.
2045 Mills Road
Sidney, BC Canada V8L 5X2
Ph: 250-655-5800 Fax: 250-655-5811

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 Tissue

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: 8/27/18
Carrier:
COC No: 2 of 3 COCs

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 -076	8/23/18	08:42	FT		GM, RT	1		X	X	X	X	X	X	X	L2996 -13
PDI-TF-SMB -083	8/23/18	08:10	FT		FC, AC	1									-14
PDI-TF-SMB -051	8/22/18	12:42	FT		GM, MD	1									-15
PDI-TF-SMB -048	8/23/18	13:11	FT		GM, MD	1									-16
PDI-TF-SMB -129	8/24/18	10:27	FT		GM, RT	1									-17
PDI-TF-SMB -50	8/23/18	12:41	FT		JP, JS	1									-18
PDI-TF-SMB -095	8/23/18	07:33	FT		GM, MD	1									-19
PDI-TF-SMB -054	8/23/18	12:31	FT		GM, MD	1									-20
PDI-TF-SMB -119	8/24/18	11:55	FT		JP, JS	1									-21
PDI-TF-SMB -055	8/22/18	11:32	FT		GM, RT	1									-22
PDI-TF-SMB -1	8/22/18	09:41	FT		JP, JS	1									-23
PDI-TF-SMB -68	8/22/18	13:46	FT		JP, JS	1									-24

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
None

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☒ Archive For 12 Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company: AECOM	Date/Time: 8/27/18 1500	Received by: FedEx	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company: SES	Date/Time: 11:30 28-Aug-2018
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

4972

FISH TISSUE
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SGS AXYS Analytical Services Ltd.
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Sidney, BC Canada V8L 5X2
Ph: 250-655-5800 Fax: 250-655-5811

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 Tissue

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: 8/27/2018
Carrier:
COC No: 3 of 3 COCs

Sample Identification	Sample Date	Sample Time	Matrix	QC Sample	Sampler's Initials	Total No. of Cont.	Chlorinated Pesticides + Hexachlorobenzene - 1699	Dioxins and Furans - 1613B	Lipids	Arsenic - 6020B	Mercury - 7471A	PBDEs - 1614	PCB Congeners - 1668A	Sample Specific Notes:
PDI-TF-SMB -5	8/22/18	08:20	FT		JP, JS	1	X	X	X	X	X	X	X	L29961-25
PDI-TF-SMB -081	8/23/18	07:27	FT		JP, JS	1	↓	↓	↓	↓	↓	↓	↓	-26
PDI-TF-SMB -070	8/23/18	09:45	FT		GM, MD	1	↓	↓	↓	↓	↓	↓	↓	-27
PDI-TF-SMB -065	8/23/18	11:46	FT		GM, MD	1	↓	↓	↓	↓	↓	↓	↓	-28
PDI-TF-SMB														
PDI-TF-SMB														
PDI-TF-SMB														
PDI-TF-SMB														
PDI-TF-SMB														
PDI-TF-SMB														
PDI-TF-SMB														
PDI-TF-SMB														
PB														
None														

Fraction

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)

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☒ Archive For 12 Months

Special Instructions/QC Requirements & Comments:

Relinquished by: [signature]	Company: AECOM	Date/Time: 8/27/18 1500	Received by: FedEx	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by: [signature]	Company: SGS	Date/Time: 11:30 28-Aug-2018
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time: