

BST and Log Pond Air Monitoring Results

Sample Collection: 4/26/2023 during ABC Recycling Vessel Loading Event

Analyte	0525-D-1A	0525-D-2A	0525-D-3A	0525-D-4A	0525-D-5A	0525-D-6A	0525-D-7A
Total Dust	< 0.10	< 0.10	< 0.11	< 0.11	< 0.12	< 0.12	< 0.11
Metals							
Aluminum	< 0.0051	--	< 0.0056	--	--	--	--
Arsenic	< 0.0025	--	< 0.0028	--	--	--	--
Beryllium	< 0.000013	--	< 0.000014	--	--	--	--
Cadmium	< 0.000076	--	< 0.000084	--	--	--	--
Calcium	<0.015	--	<0.017	--	--	--	--
Chromium	< 0.0013	--	< 0.0014	--	--	--	--
Copper	< 0.00051	--	< 0.00056	--	--	--	--
Iron	0.016	--	< 0.0056	--	--	--	--
Lead	< 0.00051	--	< 0.00056	--	--	--	--
Manganese	0.00017	--	< 0.00014	--	--	--	--
Mercury	< 0.0000057	--	< 0.0000057	--	--	--	--
Nickel	< 0.00013	--	< 0.00014	--	--	--	--
Selenium	< 0.0025	--	< 0.0028	--	--	--	--
Silver	< 0.00025	--	< 0.00028	--	--	--	--
Sodium	< 0.0076	--	< 0.0084	--	--	--	--
Zinc	0.00077	--	< 0.00056	--	--	--	--
Polychlorinated Biphenyls (PCBs)							
Aroclor 1016	< 0.00020	--	< 0.00022	--	--	--	--
Aroclor 1260	< 0.00020	--	< 0.00022	--	--	--	--
Aroclor 1221	< 0.00040	--	< 0.00043	--	--	--	--
Aroclor 1232	< 0.00020	--	< 0.00022	--	--	--	--
Aroclor 1242	< 0.00020	--	< 0.00022	--	--	--	--
Aroclor 1248	< 0.00020	--	< 0.00022	--	--	--	--
Aroclor 1254	< 0.00020	--	< 0.00022	--	--	--	--
Aroclor 1262	< 0.00020	--	< 0.00022	--	--	--	--
Aroclor 1268	< 0.00020	--	< 0.00022	--	--	--	--
Polycyclic Aromatic Hydrocarbons (PAHs)							
Naphthalene	< 0.00040	--	< 0.00045	--	--	--	--
Acenaphthylene	< 0.00020	--	< 0.00022	--	--	--	--
Acenaphthene	< 0.00020	--	< 0.00022	--	--	--	--
Fluorene	< 0.00020	--	< 0.00022	--	--	--	--
Phenanthrene	< 0.00020	--	< 0.00022	--	--	--	--
Anthracene	< 0.00020	--	< 0.00022	--	--	--	--
Fluoranthene	< 0.00020	--	< 0.00022	--	--	--	--
Pyrene	< 0.00020	--	< 0.00022	--	--	--	--
Benzo(a)anthracene	< 0.00020	--	< 0.00022	--	--	--	--
Chrysene	< 0.00020	--	< 0.00022	--	--	--	--
Benzo(b)fluoranthene	< 0.00020	--	< 0.00022	--	--	--	--
Benzo(k)fluoranthene	< 0.00020	--	< 0.00022	--	--	--	--
Benzo(a)pyrene	< 0.00020	--	< 0.00022	--	--	--	--
Indeno(1,2,3-cd)pyrene	< 0.00020	--	< 0.00022	--	--	--	--
Dibenzo(a,h)anthracene	< 0.00020	--	< 0.00022	--	--	--	--
Benzo(g,h,i)perylene	< 0.00020	--	< 0.00022	--	--	--	--

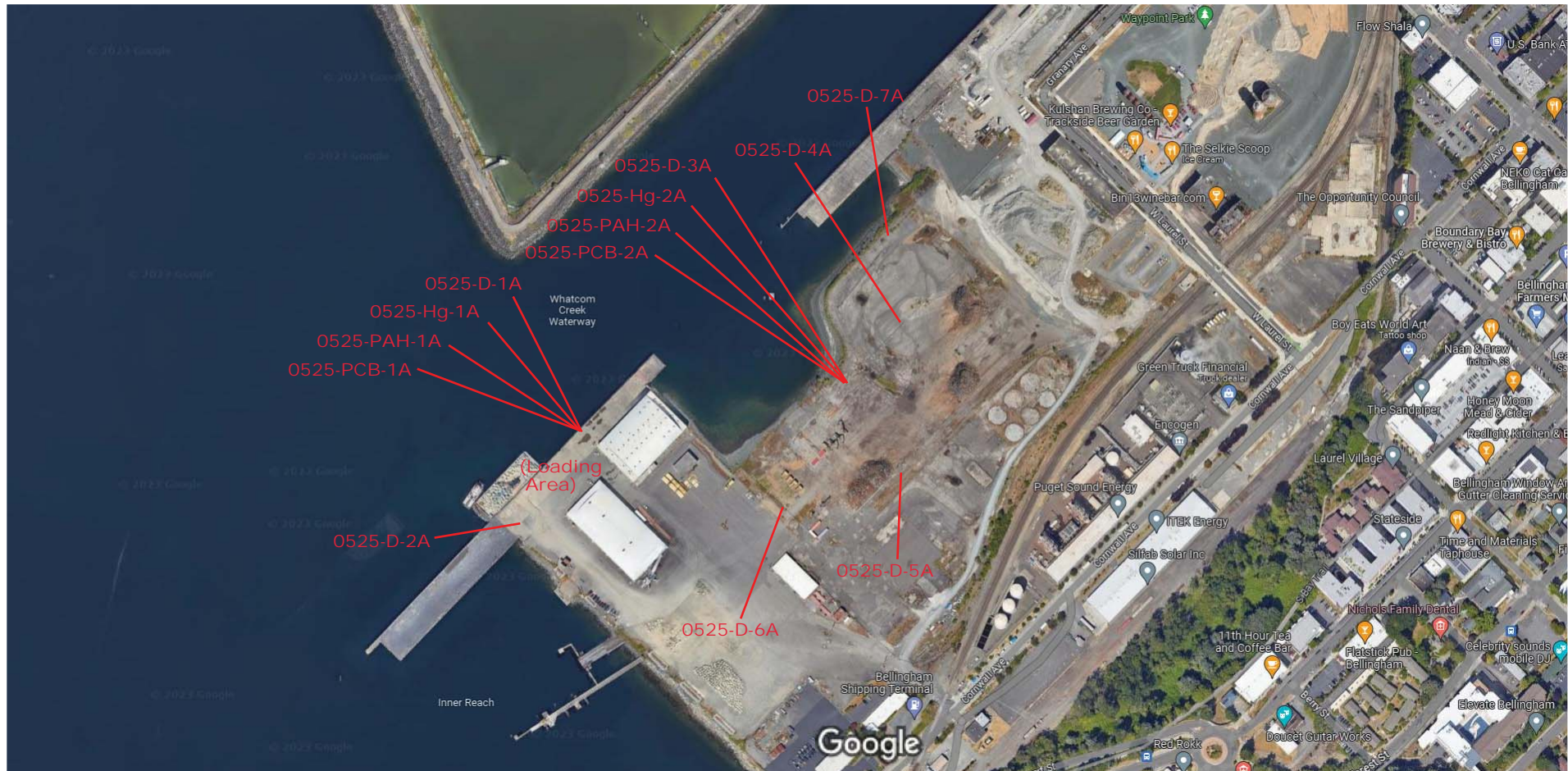
Notes:

Results units = mg/m³

< = less than reporting limit

bold = detected concentration

Sample 0525-D-3A is co-located with sample -2A for mercury, PCBs, and PAHs.



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ANALYTICAL REPORT

Report Date: May 09, 2023

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Workorder: **34-2312433**

Client Project ID: Bellingham Shipping Terminal
Purchase Order: Z0525
Project Manager: Lisa Reid

Analytical Results

Sample ID: 0525-D-1A	Sampling Location: Bellingham Shipping		Collected: 04/26/2023
Lab ID: 2312433001			Received: 05/02/2023
Method: NIOSH 0500 Mod., MW MCE Filter	Media: MCE Filter	Instrument: GRAV01	
Dilution: 1	Sampling Parameter: Air Volume 988 L	Analyzed: 05/05/2023 (306606)	
Analyte	Result (mg/sample)	Result (mg/m ³)	RL (mg/sample)
Total Dust	<0.10	<0.10	0.10
Method: NIOSH 7300 Mod., MCE	Media: MCE Filter		Instrument: ICP13
Dilution: 1	Sampling Parameter: Air Volume 988 L		Prepared: 05/08/2023 (306669)
			Analyzed: 05/09/2023 (306741)
Analyte	Result (ug/sample)	Result (mg/m ³)	RL (ug/sample)
Aluminum	<5.0	<0.0051	5.0
Arsenic	<2.5	<0.0025	2.5
Beryllium	<0.013	<0.000013	0.013
Cadmium	<0.075	<0.000076	0.075
Calcium	<15	<0.015	15
Chromium	<1.3	<0.0013	1.3
Copper	<0.50	<0.00051	0.50
Iron	16	0.016	5.0
Lead	<0.50	<0.00051	0.50
Manganese	0.17	0.00017	0.13
Nickel	<0.13	<0.00013	0.13
Selenium	<2.5	<0.0025	2.5
Silver	<0.25	<0.00025	0.25
Sodium	<7.5	<0.0076	7.5
Zinc	0.77	0.00077	0.50



ANALYTICAL REPORT

Workorder: **34-2312433**

Client Project ID: Bellingham Shipping Terminal

Purchase Order: Z0525

Project Manager: Lisa Reid

Analytical Results

Sample ID: 0525-D-2A Lab ID: 2312433002	Sampling Location: Bellingham Shipping	Collected: 04/26/2023 Received: 05/02/2023	
Method: NIOSH 0500 Mod., MW MCE Filter Dilution: 1	Media: MCE Filter Sampling Parameter: Air Volume 998 L	Instrument: GRAV01 Analyzed: 05/05/2023 (306606)	
Analyte	Result (mg/sample)	Result (mg/m ³)	RL (mg/sample)
Total Dust	<0.10	<0.10	0.10

Sample ID: 0525-D-3A Lab ID: 2312433003	Sampling Location: Bellingham Shipping	Collected: 04/26/2023 Received: 05/02/2023	
Method: NIOSH 0500 Mod., MW MCE Filter Dilution: 1	Media: MCE Filter Sampling Parameter: Air Volume 896 L	Instrument: GRAV01 Analyzed: 05/05/2023 (306606)	
Analyte	Result (mg/sample)	Result (mg/m ³)	RL (mg/sample)
Total Dust	<0.10	<0.11	0.10

Method: NIOSH 7300 Mod., MCE Dilution: 1	Media: MCE Filter Sampling Parameter: Air Volume 896 L	Instrument: ICP13 Prepared: 05/08/2023 (306669) Analyzed: 05/09/2023 (306741)	
Analyte	Result (ug/sample)	Result (mg/m ³)	RL (ug/sample)
Aluminum	<5.0	<0.0056	5.0
Arsenic	<2.5	<0.0028	2.5
Beryllium	<0.013	<0.000014	0.013
Cadmium	<0.075	<0.000084	0.075
Calcium	<15	<0.017	15
Chromium	<1.3	<0.0014	1.3
Copper	<0.50	<0.00056	0.50
Iron	<5.0	<0.0056	5.0
Lead	<0.50	<0.00056	0.50
Manganese	<0.13	<0.00014	0.13
Nickel	<0.13	<0.00014	0.13
Selenium	<2.5	<0.0028	2.5
Silver	<0.25	<0.00028	0.25
Sodium	<7.5	<0.0084	7.5
Zinc	<0.50	<0.00056	0.50

Sample ID: 0525-D-4A Lab ID: 2312433004	Sampling Location: Bellingham Shipping	Collected: 04/26/2023 Received: 05/02/2023	
Method: NIOSH 0500 Mod., MW MCE Filter Dilution: 1	Media: MCE Filter Sampling Parameter: Air Volume 900 L	Instrument: GRAV01 Analyzed: 05/05/2023 (306606)	
Analyte	Result (mg/sample)	Result (mg/m ³)	RL (mg/sample)
Total Dust	<0.10	<0.11	0.10



ANALYTICAL REPORT

Workorder: **34-2312433**

Client Project ID: Bellingham Shipping Terminal

Purchase Order: Z0525

Project Manager: Lisa Reid

Analytical Results

Sample ID: 0525-D-5A Lab ID: 2312433005	Sampling Location: Bellingham Shipping	Collected: 04/26/2023 Received: 05/02/2023
Method: NIOSH 0500 Mod., MW MCE Filter Dilution: 1	Media: MCE Filter Sampling Parameter: Air Volume 862 L	Instrument: GRAV01 Analyzed: 05/05/2023 (306606)
Analyte	Result (mg/sample)	Result (mg/m³) RL (mg/sample)
Total Dust	<0.10	<0.12 0.10

Sample ID: 0525-D-6A Lab ID: 2312433006	Sampling Location: Bellingham Shipping	Collected: 04/26/2023 Received: 05/02/2023
Method: NIOSH 0500 Mod., MW MCE Filter Dilution: 1	Media: MCE Filter Sampling Parameter: Air Volume 868 L	Instrument: GRAV01 Analyzed: 05/05/2023 (306606)
Analyte	Result (mg/sample)	Result (mg/m³) RL (mg/sample)
Total Dust	<0.10	<0.12 0.10

Sample ID: 0525-D-7A Lab ID: 2312433007	Sampling Location: Bellingham Shipping	Collected: 04/26/2023 Received: 05/02/2023
Method: NIOSH 0500 Mod., MW MCE Filter Dilution: 1	Media: MCE Filter Sampling Parameter: Air Volume 902 L	Instrument: GRAV01 Analyzed: 05/05/2023 (306606)
Analyte	Result (mg/sample)	Result (mg/m³) RL (mg/sample)
Total Dust	<0.10	<0.11 0.10

Sample ID: 0525-D-FA Lab ID: 2312433008	Sampling Location: Bellingham Shipping	Collected: 04/26/2023 Received: 05/02/2023
Method: NIOSH 0500 Mod., MW MCE Filter Dilution: 1	Media: MCE Filter Sampling Parameter: Air Volume 0 L	Instrument: GRAV01 Analyzed: 05/05/2023 (306606)
Analyte	Result (mg/sample)	Result (mg/m³) RL (mg/sample)
Total Dust	<0.10	NA 0.10

Method: NIOSH 7300 Mod., MCE Dilution: 1	Media: MCE Filter Sampling Parameter: Air Volume 0 L	Instrument: ICP13 Prepared: 05/08/2023 (306669) Analyzed: 05/09/2023 (306741)
Analyte	Result (ug/sample)	Result (mg/m³) RL (ug/sample)
Aluminum	<5.0	NA 5.0
Arsenic	<2.5	NA 2.5
Beryllium	<0.013	NA 0.013
Cadmium	<0.075	NA 0.075
Calcium	<15	NA 15
Chromium	<1.3	NA 1.3
Copper	<0.50	NA 0.50
Iron	<5.0	NA 5.0
Lead	<0.50	NA 0.50

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ANALYTICAL REPORT

Workorder: **34-2312433**

Client Project ID: Bellingham Shipping Terminal

Purchase Order: Z0525

Project Manager: Lisa Reid

Analytical Results

Sample ID: 0525-D-FA Lab ID: 2312433008		Sampling Location: Bellingham Shipping		Collected: 04/26/2023 Received: 05/02/2023
Method: NIOSH 7300 Mod., MCE Dilution: 1		Media: MCE Filter Sampling Parameter: Air Volume 0 L	Instrument: ICP13 Prepared: 05/08/2023 (306669) Analyzed: 05/09/2023 (306741)	
Analyte	Result (ug/sample)	Result (mg/m ³)	RL (ug/sample)	
Manganese	<0.13	NA	0.13	
Nickel	<0.13	NA	0.13	
Selenium	<2.5	NA	2.5	
Silver	<0.25	NA	0.25	
Sodium	<7.5	NA	7.5	
Zinc	<0.50	NA	0.50	

Sample ID: 0525-Hg-1A Lab ID: 2312433009		Sampling Location: Bellingham Shipping		Collected: 04/26/2023 Received: 05/02/2023
Method: OSHA ID-145 Mod. Dilution: 1		Media: MCE Filter Sampling Parameter: Air Volume 988 L	Instrument: AACV02 Analyzed: 05/09/2023 (306659)	
Analyte	Result (ug/sample)	Result (mg/m ³)	Result (ppm)	RL (ug/sample)
Mercury	<0.0050	<0.0000051	<0.00000062	0.0050

Sample ID: 0525-Hg-2A Lab ID: 2312433010		Sampling Location: Bellingham Shipping		Collected: 04/26/2023 Received: 05/02/2023
Method: OSHA ID-145 Mod. Dilution: 1		Media: MCE Filter Sampling Parameter: Air Volume 882 L	Instrument: AACV02 Analyzed: 05/09/2023 (306659)	
Analyte	Result (ug/sample)	Result (mg/m ³)	Result (ppm)	RL (ug/sample)
Mercury	<0.0050	<0.0000057	<0.00000069	0.0050

Sample ID: 0525-Hg-FA Lab ID: 2312433011		Sampling Location: Bellingham Shipping		Collected: 04/26/2023 Received: 05/02/2023
Method: OSHA ID-145 Mod. Dilution: 1		Media: MCE Filter Sampling Parameter: Air Volume 0 L	Instrument: AACV02 Analyzed: 05/09/2023 (306659)	
Analyte	Result (ug/sample)	Result (mg/m ³)	Result (ppm)	RL (ug/sample)
Mercury	<0.0050	NA	NA	0.0050



ANALYTICAL REPORT

Workorder: **34-2312433**

Client Project ID: Bellingham Shipping Terminal

Purchase Order: Z0525

Project Manager: Lisa Reid

Analytical Results

Sample ID: 0525-PCB-1A		Collected: 04/26/2023	
Lab ID: 2312433012		Received: 05/02/2023	
Method: NIOSH 5503 Mod.		Media: Filter/Tube	Instrument: GCE03
Dilution: 1	Sampling Parameter: Air Volume 49.6 L	Analyzed: 05/05/2023 (306605)	
Sampling Location: Bellingham Shipping			
Analyte	Result (ug/sample)	Result (mg/m ³)	RL (ug/sample)
Aroclor 1016	<0.010	<0.00020	0.010
Aroclor 1260	<0.010	<0.00020	0.010
Aroclor 1221	<0.020	<0.00040	0.020
Aroclor 1232	<0.010	<0.00020	0.010
Aroclor 1242	<0.010	<0.00020	0.010
Aroclor 1248	<0.010	<0.00020	0.010
Aroclor 1254	<0.010	<0.00020	0.010
Aroclor 1262	<0.010	<0.00020	0.010
Aroclor 1268	<0.010	<0.00020	0.010

Sample ID: 0525-PCB-2A		Collected: 04/26/2023	
Lab ID: 2312433013		Received: 05/02/2023	
Method: NIOSH 5503 Mod.		Media: Filter/Tube	Instrument: GCE03
Dilution: 1	Sampling Parameter: Air Volume 46 L	Analyzed: 05/05/2023 (306605)	
Sampling Location: Bellingham Shipping			
Analyte	Result (ug/sample)	Result (mg/m ³)	RL (ug/sample)
Aroclor 1016	<0.010	<0.00022	0.010
Aroclor 1260	<0.010	<0.00022	0.010
Aroclor 1221	<0.020	<0.00043	0.020
Aroclor 1232	<0.010	<0.00022	0.010
Aroclor 1242	<0.010	<0.00022	0.010
Aroclor 1248	<0.010	<0.00022	0.010
Aroclor 1254	<0.010	<0.00022	0.010
Aroclor 1262	<0.010	<0.00022	0.010
Aroclor 1268	<0.010	<0.00022	0.010

Sample ID: 0525-PCB-FA		Collected: 04/26/2023	
Lab ID: 2312433014		Received: 05/02/2023	
Method: NIOSH 5503 Mod.		Media: Filter/Tube	Instrument: GCE03
Dilution: 1	Sampling Parameter: Air Volume 0 L	Analyzed: 05/05/2023 (306605)	
Sampling Location: Bellingham Shipping			
Analyte	Result (ug/sample)	Result (mg/m ³)	RL (ug/sample)
Aroclor 1016	<0.010	NA	0.010
Aroclor 1260	<0.010	NA	0.010
Aroclor 1221	<0.020	NA	0.020
Aroclor 1232	<0.010	NA	0.010
Aroclor 1242	<0.010	NA	0.010
Aroclor 1248	<0.010	NA	0.010

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ANALYTICAL REPORT

Workorder: **34-2312433**

Client Project ID: Bellingham Shipping Terminal

Purchase Order: Z0525

Project Manager: Lisa Reid

Analytical Results

Sample ID: 0525-PCB-FA		Collected: 04/26/2023	
Lab ID: 2312433014		Received: 05/02/2023	
Sampling Location: Bellingham Shipping			
Method: NIOSH 5503 Mod.	Media: Filter/Tube	Instrument: GCE03	
Dilution: 1	Sampling Parameter: Air Volume 0 L	Analyzed: 05/05/2023 (306605)	
Analyte	Result (ug/sample)	Result (mg/m ³)	RL (ug/sample)
Aroclor 1254	<0.010	NA	0.010
Aroclor 1262	<0.010	NA	0.010
Aroclor 1268	<0.010	NA	0.010

Sample ID: 0525-PAH-1A		Collected: 04/26/2023		
Lab ID: 2312433015		Received: 05/02/2023		
Sampling Location: Bellingham Shipping				
Method: NIOSH 5528	Media: SKC 226-57, XAD-7/Glass Fiber Filter(OVS) 100/200mg	Instrument: 5975-A		
Dilution: 2	Sampling Parameter: Air Volume 495 L	Analyzed: 05/08/2023 (306693)		
Analyte	Result (ug/sample)	Result (mg/m ³)	Result (ppm)	RL (ug/sample)
Naphthalene	<0.20	<0.00040	<0.000077	0.20
Acenaphthylene	<0.10	<0.00020	<0.000032	0.10
Acenaphthene	<0.10	<0.00020	<0.000032	0.10
Fluorene	<0.10	<0.00020	<0.000030	0.10
Phenanthrene	<0.10	<0.00020	<0.000028	0.10
Anthracene	<0.10	<0.00020	<0.000028	0.10
Fluoranthene	<0.10	<0.00020	<0.000024	0.10
Pyrene	<0.10	<0.00020	<0.000024	0.10
Benzo(a)anthracene	<0.10	<0.00020	<0.000022	0.10
Chrysene	<0.10	<0.00020	<0.000022	0.10
Benzo(b)fluoranthene	<0.10	<0.00020	<0.000020	0.10
Benzo(k)fluoranthene	<0.10	<0.00020	<0.000020	0.10
Benzo(a)pyrene	<0.10	<0.00020	<0.000020	0.10
Indeno(1,2,3-cd)pyrene	<0.10	<0.00020	<0.000018	0.10
Dibenzo(a,h)anthracene	<0.10	<0.00020	<0.000018	0.10
Benzo(g,h,i)perylene	<0.10	<0.00020	<0.000018	0.10

Sample ID: 0525-PAH-2A		Collected: 04/26/2023		
Lab ID: 2312433016		Received: 05/02/2023		
Sampling Location: Bellingham Shipping				
Method: NIOSH 5528	Media: SKC 226-57, XAD-7/Glass Fiber Filter(OVS) 100/200mg	Instrument: 5975-A		
Dilution: 2	Sampling Parameter: Air Volume 448 L	Analyzed: 05/08/2023 (306693)		
Analyte	Result (ug/sample)	Result (mg/m ³)	Result (ppm)	RL (ug/sample)
Naphthalene	<0.20	<0.00045	<0.000085	0.20
Acenaphthylene	<0.10	<0.00022	<0.000036	0.10
Acenaphthene	<0.10	<0.00022	<0.000035	0.10
Fluorene	<0.10	<0.00022	<0.000033	0.10

Results Continued on Next Page



ANALYTICAL REPORT

Workorder: **34-2312433**

Client Project ID: Bellingham Shipping Terminal

Purchase Order: Z0525

Project Manager: Lisa Reid

Analytical Results

Sample ID: 0525-PAH-2A		Collected: 04/26/2023		
Lab ID: 2312433016		Received: 05/02/2023		
Method: NIOSH 5528		Media: SKC 226-57, XAD-7/Glass Fiber		
Dilution: 2		Filter(OVS) 100/200mg		
Sampling Location: Bellingham Shipping		Instrument: 5975-A		
Sampling Parameter: Air Volume 448 L		Analyzed: 05/08/2023 (306693)		
Analyte	Result (ug/sample)	Result (mg/m ³)	Result (ppm)	RL (ug/sample)
Phenanthrene	<0.10	<0.00022	<0.000031	0.10
Anthracene	<0.10	<0.00022	<0.000031	0.10
Fluoranthene	<0.10	<0.00022	<0.000027	0.10
Pyrene	<0.10	<0.00022	<0.000027	0.10
Benzo(a)anthracene	<0.10	<0.00022	<0.000024	0.10
Chrysene	<0.10	<0.00022	<0.000024	0.10
Benzo(b)fluoranthene	<0.10	<0.00022	<0.000022	0.10
Benzo(k)fluoranthene	<0.10	<0.00022	<0.000022	0.10
Benzo(a)pyrene	<0.10	<0.00022	<0.000022	0.10
Indeno(1,2,3-cd)pyrene	<0.10	<0.00022	<0.000020	0.10
Dibenzo(a,h)anthracene	<0.10	<0.00022	<0.000020	0.10
Benzo(g,h,i)perylene	<0.10	<0.00022	<0.000020	0.10

Sample ID: 0525-PAH-FA		Collected: 04/26/2023		
Lab ID: 2312433017		Received: 05/02/2023		
Method: NIOSH 5528		Media: SKC 226-57, XAD-7/Glass Fiber		
Dilution: 2		Filter(OVS) 100/200mg		
Sampling Location: Bellingham Shipping		Instrument: 5975-A		
Sampling Parameter: Air Volume 0 L		Analyzed: 05/08/2023 (306693)		
Analyte	Result (ug/sample)	Result (mg/m ³)	Result (ppm)	RL (ug/sample)
Naphthalene	<0.20	NA	NA	0.20
Acenaphthylene	<0.10	NA	NA	0.10
Acenaphthene	<0.10	NA	NA	0.10
Fluorene	<0.10	NA	NA	0.10
Phenanthrene	<0.10	NA	NA	0.10
Anthracene	<0.10	NA	NA	0.10
Fluoranthene	<0.10	NA	NA	0.10
Pyrene	<0.10	NA	NA	0.10
Benzo(a)anthracene	<0.10	NA	NA	0.10
Chrysene	<0.10	NA	NA	0.10
Benzo(b)fluoranthene	<0.10	NA	NA	0.10
Benzo(k)fluoranthene	<0.10	NA	NA	0.10
Benzo(a)pyrene	<0.10	NA	NA	0.10
Indeno(1,2,3-cd)pyrene	<0.10	NA	NA	0.10
Dibenzo(a,h)anthracene	<0.10	NA	NA	0.10
Benzo(g,h,i)perylene	<0.10	NA	NA	0.10



ANALYTICAL REPORT

Workorder: **34-2312433**

Client Project ID: Bellingham Shipping Terminal

Purchase Order: Z0525

Project Manager: Lisa Reid

Comments

Workorder: 2312433

NIOSH 0500 MOD: For samples 2312433002, 005-008: Top and bottom filters were fused together, making them difficult to separate. Top filter was torn and couldn't be fully detached from the bottom filter. Results may be biased low.

Sample: 2312433001

NIOSH 0500 MOD: Bottom filter has a higher mass than the top filter. Top filter has visible dust staining. Due to manufacturer defect, the filters are poorly matched in weight. Replicate weighing of both filters performed to verify result.

Report Authorization (/S/ is an electronic signature that complies with 21 CFR Part 11)

Method (Analysis Batch)	Analyst	Peer Review
NIOSH 0500 Mod., MW MCE Filter (306606)	/S/ Emilee Johnson 05/05/2023 11:50	/S/ Alex Webber 05/05/2023 12:31
NIOSH 5503 Mod. (306605)	/S/ Colin Johnson 05/05/2023 08:39	/S/ David Teynor 05/05/2023 12:44
NIOSH 5528 (306693)	/S/ Mindy Simmons 05/09/2023 09:34	/S/ Thomas J. Masoian 05/09/2023 10:28
NIOSH 7300 Mod., MCE (306741)	/S/ Peter P. Steen 05/09/2023 14:07	/S/ Ethan Hamilton 05/09/2023 16:47
OSHA ID-145 Mod. (306659)	/S/ Emilee Johnson 05/09/2023 14:40	/S/ Shaina Wiest 05/09/2023 15:46

Laboratory Contact Information

ALS Environmental
960 W Levoy Drive
Salt Lake City, Utah 84123

Phone: (801) 266-7700
Email: alslt.lab@ALSGlobal.com
Web: www.alsglobal.com/slt



ANALYTICAL REPORT

Workorder: **34-2312433**

Client Project ID: Bellingham Shipping Terminal

Purchase Order: Z0525

Project Manager: Lisa Reid

General Lab Comments

The results provided in this report relate only to the items tested.

Samples were received in acceptable condition unless otherwise noted.

The following was provided by the client: Sample ID, Collection Date, Sampling Location, Media Type, Sampling Parameter.

Collection Date, Media Type, and Sampling Parameter can potentially affect the validity of the results.

Samples have not been blank corrected unless otherwise noted.

This test report shall not be reproduced, except in full, without written approval of ALS.

ALS provides professional analytical services for all samples submitted. ALS is not in a position to interpret the data and assumes no responsibility for the quality of the samples submitted.

All quality control samples processed with the samples in this report yielded acceptable results unless otherwise noted.

ALS is accredited for specific fields of testing (scopes) in the following testing sectors. The quality system implemented at ALS conforms to accreditation requirements and is applied to all analytical testing performed by ALS. The following table lists testing sector, accreditation body, accreditation number and website. Please contact these accrediting bodies or your ALS project manager for the current scope of accreditation that applies to your analytical testing.

Testing Sector	Accreditation Body (Standard)	Certificate Number	Website
Industrial Hygiene	AIHA (ISO 17025 & AIHA IHLAP)	101574	http://www.aihaaccreditedlabs.org
	DOECAP-AP Washington	L22-62	http://www.pjlabs.com
		C596	https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Laboratory-Accreditation
Dietary Supplements	PJLA (ISO 17025)	L22-61	http://www.pjlabs.com

Definitions

LOD = Limit of Detection = MDL = Method Detection Limit, A statistical estimate of method/media/instrument sensitivity.

LOQ = Limit of Quantitation = RL = Reporting Limit, A verified value of method/media/instrument sensitivity.

ND = Not Detected, Testing result not detected above the LOD or LOQ.

NA = Not Applicable.

** No result could be reported, see sample comments for details.

< Means this testing result is less than the numerical value.

() This testing result is between the LOD and LOQ and has higher analytical uncertainty than values at or above the LOQ.



2312433



10461

ANALYTICAL REQUEST FORM

2312433

1. REGULAR Status

RUSH Status Requested - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE _____

CONTACT ALS SALT LAKE PRIOR TO SENDING SAMPLES

2. Date 4/28/2023 Purchase Order No. Z0525 4. Quote No. _____

3. Company Name : Migizi Group, Inc. ALS Project Manager: Lisa Reid

Address: 17921 Bothell Everett Hwy., Suite 102

Bothell, WA 98012

5. Sample Collection

Person to Contact: Doug Henry Sampling Site Bellingham Shipping Terminal, Bellingham, WA

Telephone (425) 398-2300 Industrial Process: Metal Recycling Facility

Fax Telephone (425) 398-2333 Date of Collection 4/26/2023

E-mail Address: dhenry@migizigroup.com Time Collected 08:20-17:49

Billing Address (if different from above) Date of Shipment 4/28/2023

Chain of Custody No.: _____

6. How did you first learn about ALS? _____

7. REQUEST FOR ANALYSES

Client Sample Number	Matrix*	Sample/Area Volume	ANALYSES REQUESTED - Use method number if known	Units**	Lab Comments
0525-D-1A	MJE MW	988 L	Total Dust - NIOSH 0500, Metals (Panel A) - NIOSH 7300/7303		
0525-D-2A	Air	998 L	Total Dust - NIOSH 0500		
0525-D-3A	Air	896 L	Total Dust - NIOSH 0500, Metals (Panel A) - NIOSH 7300/7303		
0525-D-4A	Air	900 L	Total Dust - NIOSH 0500		
0525-D-5A	Air	862 L	Total Dust - NIOSH 0500		
0525-D-6A	Air	868 L	Total Dust - NIOSH 0500		
0525-D-7A	Air	902 L	Total Dust - NIOSH 0500		
0525-D-FA	Air	N/A	Total Dust - NIOSH 0500, Metals (Panel A) - NIOSH 7300/7303		
0525-Hg-1A	MJE MW	988 L	Mercury (Particulate) - OSHA ID-145		
0525-Hg-2A	Air	882 L	Mercury (Particulate) - OSHA ID-145		
0525-Hg-FA	Air	N/A	Mercury (Particulate) - OSHA ID-145		
0525-PCB-1A	FAT	49.6 L	PCBs - NIOSH 5503		
0525-PCB-2A	Air	46 L	PCBs - NIOSH 5503		
0525-PCB-FA	Air	N/A	PCBs - NIOSH 5503		

* Specify: Solid sorbent tube, e.g. Charcoal; Filter type; Impinger solution; Bulk sample; Blood; Urine; Tissue; Soil; Water; Other

** 1. µg/sample 2. mg/m³ 3. ppm 4. % 5. µg/m³ 6. _____ (other) Please indicate one or more units in the column entitled Units**

Comments Hold Samples 0525-D-2A, 0525-D-4A, 0525-D-5A, 0525-D-6A, 0525-D-7A for potential Metals (Panel A) - NIOSH 7300/7303.

Possible Contamination and/or Chemical Hazards _____

7. Chain of Custody (Optional)

Relinquished by	<u>[Signature]</u>	Date/Time	<u>4-28-23 / 13:10 via Fed Ex</u>
Received by	<u>[Signature]</u>	Date/Time	<u>05-07-23 11:44</u>
Relinquished by		Date/Time	
Received by		Date/Time	



AIR SAMPLE DATA SHEET

PAGE 1 of 5

Migizi Group, Inc.

17921 Bothell-Everett Hwy., Suite 102, Bothell, WA 98012

425-398-2300 (office) 425-398-2333 (fax)

Project Location: Bellingham Shipping Terminal

Contractor: ABC Recycling

MGI Project #: 20525

Sampled by: Kyle Long
Delivered by: [Signature]
Received by: _____
Analyzed by: _____

Date: 4/26/23 of Migizi Group
4/28/23

Sampling/Analytical Method: See Analytical Request Form

Sample ID: <u>0525-D-1A</u>	Location: <u>Loading Area - North</u>
Sample Type: <u>A</u>	Activities: <u>Loading</u>
Protection: <u>N/A</u>	
Decon: <u>[Symbol]</u>	
Environment: <u>O</u>	
Date: <u>4/26/23</u>	Worker Name: <u>N/A</u>
Comments:	Time: Start <u>8:20</u> Rate: Start <u>2.0</u>
	End <u>16:34</u> End <u>2.0</u>
	Minutes = <u>494</u> Average = <u>2.0</u> Liters <u>988</u>

Sample ID: <u>0525-Hg-1A</u>	Location: <u>Loading Area - North</u>
Sample Type: <u>A</u>	Activities: <u>Loading</u>
Protection: <u>N/A</u>	
Decon: <u>[Symbol]</u>	
Environment: <u>O</u>	
Date: <u>4/26/23</u>	Worker Name: <u>N/A</u>
Comments:	Time: Start <u>8:20</u> Rate: Start <u>2.0</u>
	End <u>16:34</u> End <u>2.0</u>
	Minutes = <u>494</u> Average = <u>2.0</u> Liters <u>988</u>

Sample ID: <u>0525-PCB-1A</u>	Location: <u>Loading Area - North</u>
Sample Type: <u>A</u>	Activities: <u>Loading</u>
Protection: <u>N/A</u>	
Decon: <u>[Symbol]</u>	
Environment: <u>O</u>	
Date: <u>4/26/23</u>	Worker Name: <u>N/A</u>
Comments:	Time: Start <u>8:20</u> Rate: Start <u>0.1</u>
	End <u>16:36</u> End <u>0.1</u>
	Minutes = <u>496</u> Average = <u>0.1</u> Liters <u>49.6</u>

Sample ID: <u>0525-PAH-1A</u>	Location: <u>Loading Area</u>
Sample Type: <u>A</u>	Activities: <u>Loading</u>
Protection: <u>N/A</u>	
Decon: <u>[Symbol]</u>	
Environment: <u>O</u>	
Date: <u>4/26/23</u>	Worker Name: <u>N/A</u>
Comments:	Time: Start <u>8:20</u> Rate: Start <u>1.0</u>
	End <u>16:35</u> End <u>1.0</u>
	Minutes = <u>495</u> Average = <u>1.0</u> Liters <u>495</u>

- | Sample Types | | Respiratory Protection | | Decon | | Environment | | | |
|--------------|------------------|------------------------|----------------|-------|-----------------------------|-------------|------------------|----|-------------------|
| P | Preabatement | B | Breathing Zone | PA | Pressure Demand Air | D/S | Decon w/ Shower | N | Negative air |
| A | Area | S | STEL | CA | Continuous flow air | D | Decon w/o Shower | G | Glovebag |
| I | Inside Reg Area | FB | Field Blank | PAPR | Powered Air Purifying Resp. | | | O | Outdoors |
| O | Outside Reg Area | TB | Trip Blank | F | Full Face APR | | | C | Critical Barriers |
| H | HEPA Exhaust | | | M | Half Mask APR | | | BT | Banner Tape |
| CL | Clearance | | | | | | | | |



AIR SAMPLE DATA SHEET

Migizi Group, Inc.

17921 Bothell-Everett Hwy., Suite 102, Bothell, WA 98012

425-398-2300 (office) 425-398-2333 (fax)

Project Location: _____

Contractor: _____

MGI Project #: _____
Sampled by: _____
Delivered by: _____
Received by: _____
Analyzed by: _____

Date _____ Company _____
of _____

Sampling/Analytical Method: _____

Sample ID: <u>0525-D-2A</u>	Location: <u>Loading Area - South</u>
Sample Type: <u>A</u>	Activities: <u>Loading</u>
Protection: <u>N/A</u>	
Decon: <u>↓</u>	
Environment: <u>O</u>	
Date: <u>4/26/23</u>	Worker Name: <u>N/A</u>
Comments:	Time: Start <u>8:41</u> Rate: Start <u>2.0</u>
	End <u>17:00</u> End <u>2.0</u>
	Minutes = <u>499</u> Average = <u>2.0</u>
	Liters <u>998</u>

Sample ID: <u>0525-PGB-2A</u>	Location: <u>Lease Area - North Fence (Middle)</u>
Sample Type: <u>A</u>	Activities: <u>Sorting/Loading Trucks</u>
Protection: <u>N/A</u>	
Decon: <u>↓</u>	
Environment: <u>O</u>	
Date: <u>4/26/23</u>	Worker Name: <u>N/A</u>
Comments:	Time: Start <u>9:27</u> Rate: Start <u>0.1</u>
	End <u>17:07</u> End <u>0.1</u>
	Minutes = <u>460</u> Average = <u>0.1</u>
	Liters <u>46</u>

Sample ID: <u>0525-PAH-2A</u>	Location: <u>Lease Area - North Fence (Middle)</u>
Sample Type: <u>A</u>	Activities: <u>Sorting/Loading Trucks</u>
Protection: <u>N/A</u>	
Decon: <u>↓</u>	
Environment: <u>O</u>	
Date: <u>4/26/23</u>	Worker Name: <u>N/A</u>
Comments:	Time: Start <u>9:41</u> Rate: Start <u>1.0</u>
	End <u>17:09</u> End <u>1.0</u>
	Minutes = <u>460</u> 448 Average = <u>1.0</u>
	Liters <u>448</u>

Sample ID: <u>0525-Hg-2A</u>	Location: <u>Lease Area - North Fence (Middle)</u>
Sample Type: <u>A</u>	Activities: <u>Sorting/Loading Trucks</u>
Protection: <u>N/A</u>	
Decon: <u>↓</u>	
Environment: <u>O</u>	
Date: <u>4/26/23</u>	Worker Name: _____
Comments:	Time: Start <u>9:51</u> Rate: Start <u>2.0</u>
	End <u>17:12</u> End <u>2.0</u>
	Minutes = <u>441</u> Average = <u>2.0</u>
	Liters <u>882</u>

- | Sample Types | | Respiratory Protection | | Decon | | Environment | |
|--------------------|------------------|----------------------------------|---------------------|---------------------|--|-------------|--|
| P Preabatement | B Breathing Zone | PA Pressure Demand Air | D/S Decon w/ Shower | N Negative air | | | |
| A Area | S STEL | CA Continuous flow air | D Decon w/o Shower | G Glovebag | | | |
| I Inside Reg Area | FB Field Blank | PAPR Powered Air Purifying Resp. | | O Outdoors | | | |
| O Outside Reg Area | TB Trip Blank | F Full Face APR | | C Critical Barriers | | | |
| H HEPA Exhaust | | M Half Mask APR | | BT Banner Tape | | | |
| CL Clearance | | | | | | | |



AIR SAMPLE DATA SHEET

Migizi Group, Inc.

17921 Bothell-Everett Hwy., Suite 102, Bothell, WA 98012

425-398-2300 (office) 425-398-2333 (fax)

Project Location: _____

Contractor: _____

MGI Project #: _____

Sampled by: See Page 1

Delivered by: _____

Received by: _____

Analyzed by: _____

Date _____ **Company** _____

_____ of _____

Sampling/Analytical Method: _____

Sample ID: <u>0525-D-3A</u>	Location: <u>Lease Area - North Fence (Middle)</u>		
Sample Type: <u>A</u>	Activities: <u>Sorting/Loading Trucks</u>		
Protection: <u>N/A</u>			
Decon: <u>↓</u>			
Environment: <u>O</u>			
Date: <u>4/26/23</u>	Worker Name: <u>N/A</u>		
Comments:	Time: Start <u>9:44</u>	Rate: Start <u>2.0</u>	
	End <u>17:12</u>	End <u>2.0</u>	Liters
	Minutes = <u>448</u>	Average = <u>2.0</u>	<u>896</u>

Sample ID: <u>0525-D-4A</u>	Location: <u>Lease Area - North Fence (East)</u>		
Sample Type: <u>A</u>	Activities: <u>Sorting/Loading Trucks</u>		
Protection: <u>N/A</u>			
Decon: <u>↓</u>			
Environment: <u>O</u>			
Date: <u>4/26/23</u>	Worker Name: <u>N/A</u>		
Comments:	Time: Start <u>10:04</u>	Rate: Start <u>2.0</u>	
	End <u>17:34</u>	End <u>2.0</u>	Liters
	Minutes = <u>450</u>	Average = <u>2.0</u>	<u>900</u>

Sample ID: <u>0525-D-5A</u>	Location: <u>Lease Area - South Fence (West)</u>		
Sample Type: <u>A</u>	Activities: <u>Sorting/Loading Trucks</u>		
Protection: <u>N/A</u>			
Decon: <u>↓</u>			
Environment: <u>O</u>			
Date: <u>4/26/23</u>	Worker Name: <u>N/A</u>		
Comments:	Time: Start <u>10:27</u>	Rate: Start <u>2.0</u>	
	End <u>17:38</u>	End <u>2.0</u>	Liters
	Minutes = <u>431</u>	Average = <u>2.0</u>	<u>862</u>

Sample ID: <u>0525-D-6A</u>	Location: <u>Lease Area - West Fence (Vehicle Entrance)</u>		
Sample Type: <u>A</u>	Activities: <u>Sorting/Loading Trucks</u>		
Protection: <u>N/A</u>			
Decon: <u>↓</u>			
Environment: <u>O</u>			
Date: <u>4/26/23</u>	Worker Name: <u>N/A</u>		
Comments:	Time: Start <u>10:35</u>	Rate: Start <u>2.0</u>	
	End <u>17:49</u>	End <u>2.0</u>	Liters
	Minutes = <u>434</u>	Average = <u>2.0</u>	<u>868</u>

- | Sample Types | | Respiratory Protection | | Decon | | Environment | | | |
|--------------|------------------|------------------------|----------------|-------|-----------------------------|-------------|------------------|----|-------------------|
| P | Preabatement | B | Breathing Zone | PA | Pressure Demand Air | D/S | Decon w/ Shower | N | Negative air |
| A | Area | S | STEL | CA | Continuous flow air | D | Decon w/o Shower | G | Glovebag |
| I | Inside Reg Area | FB | Field Blank | PAPR | Powered Air Purifying Resp. | | | O | Outdoors |
| O | Outside Reg Area | TB | Trip Blank | F | Full Face APR | | | C | Critical Barriers |
| H | HEPA Exhaust | | | M | Half Mask APR | | | BT | Banner Tape |
| CL | Clearance | | | | | | | | |



AIR SAMPLE DATA SHEET

PAGE 4 of 5

Migizi Group, Inc.

17921 Bothell-Everett Hwy., Suite 102, Bothell, WA 98012

425-398-2300 (office) 425-398-2333 (fax)

Project Location: _____

Contractor: _____

MGI Project #: _____

Sampled by: See page 1

Delivered by: _____

Received by: _____

Analyzed by: _____

Date _____ Company _____

of _____

Sampling/Analytical Method: _____

Sample ID: <u>0525-D-7A</u>	Location: <u>Site Perimeter - North</u>
Sample Type: <u>A</u>	Activities: <u>None</u>
Protection: <u>N/A</u>	Worker Name: <u>N/A</u>
Decon: <u>↓</u>	
Environment: <u>O</u>	
Date: <u>4/26/23</u>	
Comments:	Time: Start <u>10:13</u> Rate: Start <u>2.0</u>
	End <u>17:44</u> End <u>2.0</u>
	Minutes = <u>451</u> Average = <u>2.0</u> Liters <u>902</u>

Sample ID: <u>0525-D-FA</u>	Location: <u>N/A</u>
Sample Type: <u>FB</u>	Activities: <u>N/A</u>
Protection: <u>N/A</u>	Worker Name: _____
Decon: <u>↓</u>	
Environment: <u>O</u>	
Date: <u>4/26/23</u>	
Comments:	Time: Start <u>N/A</u> Rate: Start <u>N/A</u>
	End <u>↓</u> End <u>↓</u>
	Minutes = <u>↓</u> Average = <u>↓</u> Liters <u>N/A</u>

Sample ID: <u>0525-HA-FA</u>	Location: <u>N/A</u>
Sample Type: <u>FB</u>	Activities: <u>N/A</u>
Protection: <u>N/A</u>	Worker Name: _____
Decon: <u>↓</u>	
Environment: <u>O</u>	
Date: <u>4/26/23</u>	
Comments:	Time: Start <u>N/A</u> Rate: Start <u>N/A</u>
	End <u>↓</u> End <u>↓</u>
	Minutes = <u>↓</u> Average = <u>↓</u> Liters <u>N/A</u>

Sample ID: <u>0525-PB-FA</u>	Location: <u>N/A</u>
Sample Type: <u>FB</u>	Activities: <u>N/A</u>
Protection: <u>N/A</u>	Worker Name: _____
Decon: <u>↓</u>	
Environment: <u>O</u>	
Date: <u>4/26/23</u>	
Comments:	Time: Start <u>N/A</u> Rate: Start <u>N/A</u>
	End <u>↓</u> End <u>↓</u>
	Minutes = <u>↓</u> Average = <u>↓</u> Liters <u>N/A</u>

- | | | | |
|---------------------|----------------------------------|---------------------|---------------------|
| Sample Types | Respiratory Protection | Decon | Environment |
| P Preabatement | PA Pressure Demand Air | D/S Decon w/ Shower | N Negative air |
| A Area | CA Continuous flow air | D Decon w/o Shower | G Glovebag |
| I Inside Reg Area | PAPR Powered Air Purifying Resp. | | O Outdoors |
| O Outside Reg Area | F Full Face APR | | C Critical Barriers |
| H HEPA Exhaust | M Half Mask APR | | BT Banner Tape |
| CL Clearance | | | |



AIR SAMPLE DATA SHEET

Migizi Group, Inc.

17921 Bothell-Everett Hwy., Suite 102, Bothell, WA 98012

425-398-2300 (office) 425-398-2333 (fax)

Project Location: _____

Contractor: _____

MGI Project #: _____

Date _____ Company _____

Sampled by: See Page 1

_____ of _____

Delivered by: _____

Received by: _____

Analyzed by: _____

Sampling/Analytical Method: _____

Sample ID: <u>0525-PAH-FB</u>	Location: _____
Sample Type: <u>FB</u>	Activities: <u>N/A</u>
Protection: <u>N/A</u>	Worker Name: _____
Decon: <u>↓</u>	Time: Start <u>N/A</u> Rate: Start <u>N/A</u>
Environment: <u>↓</u>	End <u>↓</u> End <u>↓</u> Liters <u>N/A</u>
Date: <u>4/26/23</u>	Minutes = <u>↓</u> Average = <u>↓</u>
Comments: _____	

Sample ID: _____	Location: _____
Sample Type: _____	Activities: _____
Protection: _____	Worker Name: _____
Decon: _____	Time: Start _____ Rate: Start _____
Environment: _____	End _____ End _____ Liters _____
Date: _____	Minutes = _____ Average = _____
Comments: _____	

Sample ID: _____	Location: _____
Sample Type: _____	Activities: _____
Protection: _____	Worker Name: _____
Decon: _____	Time: Start _____ Rate: Start _____
Environment: _____	End _____ End _____ Liters _____
Date: _____	Minutes = _____ Average = _____
Comments: _____	

Sample ID: _____	Location: _____
Sample Type: _____	Activities: _____
Protection: _____	Worker Name: _____
Decon: _____	Time: Start _____ Rate: Start _____
Environment: _____	End _____ End _____ Liters _____
Date: _____	Minutes = _____ Average = _____
Comments: _____	

- | | | | | | | | |
|---------------------|------------------|----------------------------------|---------------------|---------------------|--|--------------------|--|
| Sample Types | | Respiratory Protection | | Decon | | Environment | |
| P Preabatement | B Breathing Zone | PA Pressure Demand Air | D/S Decon w/ Shower | N Negative air | | | |
| A Area | S STEL | CA Continuous flow air | D Decon w/o Shower | G Glovebag | | | |
| I Inside Reg Area | FB Field Blank | PAPR Powered Air Purifying Resp. | | O Outdoors | | | |
| O Outside Reg Area | TB Trip Blank | F Full Face APR | | C Critical Barriers | | | |
| H HEPA Exhaust | | M Half Mask APR | | BT Banner Tape | | | |
| CL Clearance | | | | | | | |