

Hit Summary Sheet
SW-846

SDG No.: P4768 **Order ID:** P4768
Client: JPCL Engineering **Project ID:** Trenton Youth Wrestling

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-3-1								
P4768-01	B-3-1	SOIL	Arsenic	6.81		0.28	0.97	mg/Kg
P4768-01	B-3-1	SOIL	Barium	31.6		0.62	4.85	mg/Kg
P4768-01	B-3-1	SOIL	Cadmium	2.39		0.016	0.29	mg/Kg
P4768-01	B-3-1	SOIL	Chromium	36.7		0.052	0.49	mg/Kg
P4768-01	B-3-1	SOIL	Lead	6.89		0.14	0.58	mg/Kg
P4768-01	B-3-1	SOIL	Mercury	0.019		0.0060	0.013	mg/Kg
P4768-01	B-3-1	SOIL	Silver	0.44	J	0.050	0.49	mg/Kg
Client ID : B-3-2								
P4768-02	B-3-2	SOIL	Arsenic	2.36		0.28	0.96	mg/Kg
P4768-02	B-3-2	SOIL	Barium	26.0		0.61	4.78	mg/Kg
P4768-02	B-3-2	SOIL	Cadmium	0.58		0.015	0.29	mg/Kg
P4768-02	B-3-2	SOIL	Chromium	9.12		0.052	0.48	mg/Kg
P4768-02	B-3-2	SOIL	Lead	13.0		0.14	0.57	mg/Kg
P4768-02	B-3-2	SOIL	Mercury	0.14		0.0060	0.013	mg/Kg
P4768-02	B-3-2	SOIL	Silver	0.32	J	0.050	0.48	mg/Kg
Client ID : B-3-3								
P4768-03	B-3-3	SOIL	Arsenic	2.83		0.29	1.00	mg/Kg
P4768-03	B-3-3	SOIL	Barium	39.7		0.64	5.02	mg/Kg
P4768-03	B-3-3	SOIL	Cadmium	1.21		0.016	0.30	mg/Kg
P4768-03	B-3-3	SOIL	Chromium	23.9		0.054	0.50	mg/Kg
P4768-03	B-3-3	SOIL	Lead	14.9		0.15	0.60	mg/Kg
P4768-03	B-3-3	SOIL	Mercury	0.016		0.0060	0.013	mg/Kg
P4768-03	B-3-3	SOIL	Silver	0.42	J	0.052	0.50	mg/Kg
Client ID : B-4								
P4768-04	B-4	SOIL	Arsenic	3.74		0.25	0.87	mg/Kg
P4768-04	B-4	SOIL	Barium	22.7		0.56	4.36	mg/Kg
P4768-04	B-4	SOIL	Cadmium	1.17		0.014	0.26	mg/Kg
P4768-04	B-4	SOIL	Chromium	9.27		0.047	0.44	mg/Kg
P4768-04	B-4	SOIL	Lead	7.22		0.13	0.52	mg/Kg
P4768-04	B-4	SOIL	Mercury	0.28		0.0060	0.012	mg/Kg
P4768-04	B-4	SOIL	Silver	0.32	J	0.045	0.44	mg/Kg
Client ID : B-5								
P4768-05	B-5	SOIL	Arsenic	0.42	J	0.26	0.91	mg/Kg
P4768-05	B-5	SOIL	Barium	58.2		0.58	4.54	mg/Kg
P4768-05	B-5	SOIL	Cadmium	0.95		0.015	0.27	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: P4768

Order ID: P4768

Client: JPCL Engineering

Project ID: Trenton Youth Wrestling

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4768-05	B-5	SOIL	Chromium	14.4		0.049	0.45	mg/Kg
P4768-05	B-5	SOIL	Lead	6.38		0.14	0.54	mg/Kg
P4768-05	B-5	SOIL	Silver	0.32	J	0.047	0.45	mg/Kg
Client ID : B-6-2								
P4768-06	B-6-2	SOIL	Arsenic	4.17		0.29	0.99	mg/Kg
P4768-06	B-6-2	SOIL	Barium	83.2		0.63	4.93	mg/Kg
P4768-06	B-6-2	SOIL	Cadmium	0.88		0.016	0.30	mg/Kg
P4768-06	B-6-2	SOIL	Chromium	12.1		0.053	0.49	mg/Kg
P4768-06	B-6-2	SOIL	Lead	73.1		0.15	0.59	mg/Kg
P4768-06	B-6-2	SOIL	Mercury	0.63		0.0070	0.015	mg/Kg
P4768-06	B-6-2	SOIL	Silver	0.33	J	0.051	0.49	mg/Kg
Client ID : B-6-3								
P4768-07	B-6-3	SOIL	Arsenic	3.97		0.26	0.90	mg/Kg
P4768-07	B-6-3	SOIL	Barium	66.5		0.58	4.50	mg/Kg
P4768-07	B-6-3	SOIL	Cadmium	0.95		0.014	0.27	mg/Kg
P4768-07	B-6-3	SOIL	Chromium	10.3		0.049	0.45	mg/Kg
P4768-07	B-6-3	SOIL	Lead	63.9		0.14	0.54	mg/Kg
P4768-07	B-6-3	SOIL	Silver	0.32	J	0.047	0.45	mg/Kg



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	6.81		1	0.28	0.97	mg/Kg	11/08/24 13:00	11/14/24 16:45	SW6010	SW3050
7440-39-3	Barium	31.6		1	0.62	4.85	mg/Kg	11/08/24 13:00	11/14/24 16:45	SW6010	SW3050
7440-43-9	Cadmium	2.39		1	0.016	0.29	mg/Kg	11/08/24 13:00	11/14/24 16:45	SW6010	SW3050
7440-47-3	Chromium	36.7		1	0.052	0.49	mg/Kg	11/08/24 13:00	11/14/24 16:45	SW6010	SW3050
7439-92-1	Lead	6.89		1	0.14	0.58	mg/Kg	11/08/24 13:00	11/14/24 16:45	SW6010	SW3050
7439-97-6	Mercury	0.019		1	0.0060	0.013	mg/Kg	11/11/24 16:40	11/12/24 11:27	SW7471B	
7782-49-2	Selenium	0.32	U	1	0.32	0.97	mg/Kg	11/08/24 13:00	11/14/24 16:45	SW6010	SW3050
7440-22-4	Silver	0.44	J	1	0.050	0.49	mg/Kg	11/08/24 13:00	11/14/24 16:45	SW6010	SW3050

Color Before:	Green	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS RCRA			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	2.36		1	0.28	0.96	mg/Kg	11/08/24 13:00	11/14/24 16:50	SW6010	SW3050
7440-39-3	Barium	26.0		1	0.61	4.78	mg/Kg	11/08/24 13:00	11/14/24 16:50	SW6010	SW3050
7440-43-9	Cadmium	0.58		1	0.015	0.29	mg/Kg	11/08/24 13:00	11/14/24 16:50	SW6010	SW3050
7440-47-3	Chromium	9.12		1	0.052	0.48	mg/Kg	11/08/24 13:00	11/14/24 16:50	SW6010	SW3050
7439-92-1	Lead	13.0		1	0.14	0.57	mg/Kg	11/08/24 13:00	11/14/24 16:50	SW6010	SW3050
7439-97-6	Mercury	0.14		1	0.0060	0.013	mg/Kg	11/11/24 16:40	11/12/24 11:29	SW7471B	
7782-49-2	Selenium	0.32	U	1	0.32	0.96	mg/Kg	11/08/24 13:00	11/14/24 16:50	SW6010	SW3050
7440-22-4	Silver	0.32	J	1	0.050	0.48	mg/Kg	11/08/24 13:00	11/14/24 16:50	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS RCRA			

U = Not Detected

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N = Spiked sample recovery not within control limits

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	2.83		1	0.29	1.00	mg/Kg	11/08/24 13:00	11/14/24 17:14	SW6010	SW3050
7440-39-3	Barium	39.7		1	0.64	5.02	mg/Kg	11/08/24 13:00	11/14/24 17:14	SW6010	SW3050
7440-43-9	Cadmium	1.21		1	0.016	0.30	mg/Kg	11/08/24 13:00	11/14/24 17:14	SW6010	SW3050
7440-47-3	Chromium	23.9		1	0.054	0.50	mg/Kg	11/08/24 13:00	11/14/24 17:14	SW6010	SW3050
7439-92-1	Lead	14.9		1	0.15	0.60	mg/Kg	11/08/24 13:00	11/14/24 17:14	SW6010	SW3050
7439-97-6	Mercury	0.016		1	0.0060	0.013	mg/Kg	11/11/24 16:40	11/12/24 11:32	SW7471B	
7782-49-2	Selenium	0.33	U	1	0.33	1.00	mg/Kg	11/08/24 13:00	11/14/24 17:14	SW6010	SW3050
7440-22-4	Silver	0.42	J	1	0.052	0.50	mg/Kg	11/08/24 13:00	11/14/24 17:14	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS RCRA			

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Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	3.74		1	0.25	0.87	mg/Kg	11/08/24 13:00	11/14/24 17:18	SW6010	SW3050
7440-39-3	Barium	22.7		1	0.56	4.36	mg/Kg	11/08/24 13:00	11/14/24 17:18	SW6010	SW3050
7440-43-9	Cadmium	1.17		1	0.014	0.26	mg/Kg	11/08/24 13:00	11/14/24 17:18	SW6010	SW3050
7440-47-3	Chromium	9.27		1	0.047	0.44	mg/Kg	11/08/24 13:00	11/14/24 17:18	SW6010	SW3050
7439-92-1	Lead	7.22		1	0.13	0.52	mg/Kg	11/08/24 13:00	11/14/24 17:18	SW6010	SW3050
7439-97-6	Mercury	0.28		1	0.0060	0.012	mg/Kg	11/11/24 16:40	11/12/24 11:34	SW7471B	
7782-49-2	Selenium	0.29	U	1	0.29	0.87	mg/Kg	11/08/24 13:00	11/14/24 17:18	SW6010	SW3050
7440-22-4	Silver	0.32	J	1	0.045	0.44	mg/Kg	11/08/24 13:00	11/14/24 17:18	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS RCRA			

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Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	90

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	0.42	J	1	0.26	0.91	mg/Kg	11/08/24 13:00	11/14/24 17:31	SW6010	SW3050
7440-39-3	Barium	58.2		1	0.58	4.54	mg/Kg	11/08/24 13:00	11/14/24 17:31	SW6010	SW3050
7440-43-9	Cadmium	0.95		1	0.015	0.27	mg/Kg	11/08/24 13:00	11/14/24 17:31	SW6010	SW3050
7440-47-3	Chromium	14.4		1	0.049	0.45	mg/Kg	11/08/24 13:00	11/14/24 17:31	SW6010	SW3050
7439-92-1	Lead	6.38		1	0.14	0.54	mg/Kg	11/08/24 13:00	11/14/24 17:31	SW6010	SW3050
7439-97-6	Mercury	0.0060	U	1	0.0060	0.014	mg/Kg	11/11/24 16:40	11/12/24 11:44	SW7471B	
7782-49-2	Selenium	0.30	U	1	0.30	0.91	mg/Kg	11/08/24 13:00	11/14/24 17:31	SW6010	SW3050
7440-22-4	Silver	0.32	J	1	0.047	0.45	mg/Kg	11/08/24 13:00	11/14/24 17:31	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS RCRA			

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 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	4.17		1	0.29	0.99	mg/Kg	11/08/24 13:00	11/14/24 17:35	SW6010	SW3050
7440-39-3	Barium	83.2		1	0.63	4.93	mg/Kg	11/08/24 13:00	11/14/24 17:35	SW6010	SW3050
7440-43-9	Cadmium	0.88		1	0.016	0.30	mg/Kg	11/08/24 13:00	11/14/24 17:35	SW6010	SW3050
7440-47-3	Chromium	12.1		1	0.053	0.49	mg/Kg	11/08/24 13:00	11/14/24 17:35	SW6010	SW3050
7439-92-1	Lead	73.1		1	0.15	0.59	mg/Kg	11/08/24 13:00	11/14/24 17:35	SW6010	SW3050
7439-97-6	Mercury	0.63		1	0.0070	0.015	mg/Kg	11/11/24 16:40	11/12/24 11:46	SW7471B	
7782-49-2	Selenium	0.33	U	1	0.33	0.99	mg/Kg	11/08/24 13:00	11/14/24 17:35	SW6010	SW3050
7440-22-4	Silver	0.33	J	1	0.051	0.49	mg/Kg	11/08/24 13:00	11/14/24 17:35	SW6010	SW3050

Color Before:	Green	Clarity Before:	Texture:	Medium
Color After:	Dark Grey	Clarity After:	Artifacts:	
Comments:	METALS RCRA			

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Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	3.97		1	0.26	0.90	mg/Kg	11/08/24 13:00	11/14/24 17:39	SW6010	SW3050
7440-39-3	Barium	66.5		1	0.58	4.50	mg/Kg	11/08/24 13:00	11/14/24 17:39	SW6010	SW3050
7440-43-9	Cadmium	0.95		1	0.014	0.27	mg/Kg	11/08/24 13:00	11/14/24 17:39	SW6010	SW3050
7440-47-3	Chromium	10.3		1	0.049	0.45	mg/Kg	11/08/24 13:00	11/14/24 17:39	SW6010	SW3050
7439-92-1	Lead	63.9		1	0.14	0.54	mg/Kg	11/08/24 13:00	11/14/24 17:39	SW6010	SW3050
7439-97-6	Mercury	0.0060	U	1	0.0060	0.014	mg/Kg	11/11/24 16:40	11/12/24 11:48	SW7471B	
7782-49-2	Selenium	0.30	U	1	0.30	0.90	mg/Kg	11/08/24 13:00	11/14/24 17:39	SW6010	SW3050
7440-22-4	Silver	0.32	J	1	0.047	0.45	mg/Kg	11/08/24 13:00	11/14/24 17:39	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Dark Grey	Clarity After:	Artifacts:	
Comments:	METALS RCRA			

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LAB CHRONICLE

OrderID:	P4768	OrderDate:	11/7/2024 1:45:00 PM
Client:	JPCL Engineering	Project:	Trenton Youth Wrestling
Contact:	Paul Rotondi	Location:	L23,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4768-01	B-3-1	SOIL			11/07/24			11/07/24
			Mercury	7471B		11/11/24	11/12/24	
			Metals ICP-RCRA	6010D		11/08/24	11/14/24	
P4768-02	B-3-2	SOIL			11/07/24			11/07/24
			Mercury	7471B		11/11/24	11/12/24	
			Metals ICP-RCRA	6010D		11/08/24	11/14/24	
P4768-03	B-3-3	SOIL			11/07/24			11/07/24
			Mercury	7471B		11/11/24	11/12/24	
			Metals ICP-RCRA	6010D		11/08/24	11/14/24	
P4768-04	B-4	SOIL			11/07/24			11/07/24
			Mercury	7471B		11/11/24	11/12/24	
			Metals ICP-RCRA	6010D		11/08/24	11/14/24	
P4768-05	B-5	SOIL			11/07/24			11/07/24
			Mercury	7471B		11/11/24	11/12/24	
			Metals ICP-RCRA	6010D		11/08/24	11/14/24	
P4768-06	B-6-2	SOIL			11/07/24			11/07/24
			Mercury	7471B		11/11/24	11/12/24	
			Metals ICP-RCRA	6010D		11/08/24	11/14/24	
P4768-07	B-6-3	SOIL			11/07/24			11/07/24
			Mercury	7471B		11/11/24	11/12/24	
			Metals ICP-RCRA	6010D		11/08/24	11/14/24	