

Hit Summary Sheet
SW-846

SDG No.: O3645
Client: LaBella Associates P.C.

Order ID: O3645
Project ID: Mackenna Parcels

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SB-02-(3-5)								
O3645-01	SB-02-(3-5)	SOIL	Arsenic	1.27		0.33	1.14	mg/Kg
O3645-01	SB-02-(3-5)	SOIL	Barium	32.2		0.73	5.68	mg/Kg
O3645-01	SB-02-(3-5)	SOIL	Beryllium	0.28	J	0.014	0.34	mg/Kg
O3645-01	SB-02-(3-5)	SOIL	Cadmium	1.74		0.018	0.34	mg/Kg
O3645-01	SB-02-(3-5)	SOIL	Chromium	5.23		0.061	0.57	mg/Kg
O3645-01	SB-02-(3-5)	SOIL	Copper	14.1		0.53	1.14	mg/Kg
O3645-01	SB-02-(3-5)	SOIL	Lead	49.9		0.17	0.68	mg/Kg
O3645-01	SB-02-(3-5)	SOIL	Manganese	480		0.081	1.14	mg/Kg
O3645-01	SB-02-(3-5)	SOIL	Mercury	0.081		0.0060	0.014	mg/Kg
O3645-01	SB-02-(3-5)	SOIL	Nickel	10.6		0.10	2.27	mg/Kg
O3645-01	SB-02-(3-5)	SOIL	Zinc	347		0.13	2.27	mg/Kg
Client ID : SB-04-(1-5)								
O3645-02	SB-04-(1-5)	SOIL	Arsenic	1.15		0.26	0.90	mg/Kg
O3645-02	SB-04-(1-5)	SOIL	Barium	27.7		0.57	4.49	mg/Kg
O3645-02	SB-04-(1-5)	SOIL	Beryllium	0.23	J	0.011	0.27	mg/Kg
O3645-02	SB-04-(1-5)	SOIL	Cadmium	1.81		0.014	0.27	mg/Kg
O3645-02	SB-04-(1-5)	SOIL	Chromium	4.23		0.048	0.45	mg/Kg
O3645-02	SB-04-(1-5)	SOIL	Copper	15.6		0.42	0.90	mg/Kg
O3645-02	SB-04-(1-5)	SOIL	Lead	84.4		0.14	0.54	mg/Kg
O3645-02	SB-04-(1-5)	SOIL	Manganese	483		0.064	0.90	mg/Kg
O3645-02	SB-04-(1-5)	SOIL	Mercury	6.05	D	0.061	0.14	mg/Kg
O3645-02	SB-04-(1-5)	SOIL	Nickel	9.56		0.081	1.80	mg/Kg
O3645-02	SB-04-(1-5)	SOIL	Zinc	314		0.099	1.80	mg/Kg
Client ID : SB-07-(1-3)								
O3645-03	SB-07-(1-3)	SOIL	Arsenic	1.49		0.31	1.07	mg/Kg
O3645-03	SB-07-(1-3)	SOIL	Barium	88.9		0.68	5.33	mg/Kg
O3645-03	SB-07-(1-3)	SOIL	Beryllium	0.71		0.013	0.32	mg/Kg
O3645-03	SB-07-(1-3)	SOIL	Cadmium	1.68		0.017	0.32	mg/Kg
O3645-03	SB-07-(1-3)	SOIL	Chromium	14.6		0.058	0.53	mg/Kg
O3645-03	SB-07-(1-3)	SOIL	Copper	11.6		0.50	1.07	mg/Kg
O3645-03	SB-07-(1-3)	SOIL	Lead	25.9		0.16	0.64	mg/Kg
O3645-03	SB-07-(1-3)	SOIL	Manganese	248		0.076	1.07	mg/Kg
O3645-03	SB-07-(1-3)	SOIL	Mercury	0.079		0.0070	0.015	mg/Kg
O3645-03	SB-07-(1-3)	SOIL	Nickel	20.9		0.096	2.13	mg/Kg
O3645-03	SB-07-(1-3)	SOIL	Zinc	366		0.12	2.13	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: O3645

Order ID: O3645

Client: LaBella Associates P.C.

Project ID: Mackenna Parcels

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SB-08-(0.5-2.0)								
O3645-04	SB-08-(0.5-2.0)	SOIL	Arsenic	97.6		0.36	1.25	mg/Kg
O3645-04	SB-08-(0.5-2.0)	SOIL	Barium	247		0.80	6.26	mg/Kg
O3645-04	SB-08-(0.5-2.0)	SOIL	Beryllium	1.18		0.015	0.38	mg/Kg
O3645-04	SB-08-(0.5-2.0)	SOIL	Cadmium	3.49		0.020	0.38	mg/Kg
O3645-04	SB-08-(0.5-2.0)	SOIL	Chromium	93.0		0.068	0.63	mg/Kg
O3645-04	SB-08-(0.5-2.0)	SOIL	Copper	765		0.59	1.25	mg/Kg
O3645-04	SB-08-(0.5-2.0)	SOIL	Lead	8860		0.19	0.75	mg/Kg
O3645-04	SB-08-(0.5-2.0)	SOIL	Manganese	340		0.089	1.25	mg/Kg
O3645-04	SB-08-(0.5-2.0)	SOIL	Mercury	1.91	D	0.041	0.090	mg/Kg
O3645-04	SB-08-(0.5-2.0)	SOIL	Nickel	44.0		0.11	2.51	mg/Kg
O3645-04	SB-08-(0.5-2.0)	SOIL	Zinc	509		0.14	2.51	mg/Kg
Client ID : SB-09-(2.0-4.0)								
O3645-05	SB-09-(2.0-4.0)	SOIL	Arsenic	0.96	J	0.32	1.09	mg/Kg
O3645-05	SB-09-(2.0-4.0)	SOIL	Barium	74.0		0.70	5.43	mg/Kg
O3645-05	SB-09-(2.0-4.0)	SOIL	Beryllium	0.64		0.013	0.33	mg/Kg
O3645-05	SB-09-(2.0-4.0)	SOIL	Cadmium	0.90		0.017	0.33	mg/Kg
O3645-05	SB-09-(2.0-4.0)	SOIL	Chromium	11.2		0.059	0.54	mg/Kg
O3645-05	SB-09-(2.0-4.0)	SOIL	Copper	12.4		0.51	1.09	mg/Kg
O3645-05	SB-09-(2.0-4.0)	SOIL	Lead	33.8		0.16	0.65	mg/Kg
O3645-05	SB-09-(2.0-4.0)	SOIL	Manganese	204		0.077	1.09	mg/Kg
O3645-05	SB-09-(2.0-4.0)	SOIL	Mercury	0.28		0.0080	0.018	mg/Kg
O3645-05	SB-09-(2.0-4.0)	SOIL	Nickel	18.4		0.098	2.17	mg/Kg
O3645-05	SB-09-(2.0-4.0)	SOIL	Zinc	104		0.12	2.17	mg/Kg
Client ID : SB-10-(0.5-2.0)								
O3645-06	SB-10-(0.5-2.0)	SOIL	Arsenic	12.3		0.29	0.99	mg/Kg
O3645-06	SB-10-(0.5-2.0)	SOIL	Barium	480		0.64	4.96	mg/Kg
O3645-06	SB-10-(0.5-2.0)	SOIL	Beryllium	1.53		0.012	0.30	mg/Kg
O3645-06	SB-10-(0.5-2.0)	SOIL	Cadmium	22.7		0.016	0.30	mg/Kg
O3645-06	SB-10-(0.5-2.0)	SOIL	Chromium	50.0		0.054	0.50	mg/Kg
O3645-06	SB-10-(0.5-2.0)	SOIL	Copper	3200		0.47	0.99	mg/Kg
O3645-06	SB-10-(0.5-2.0)	SOIL	Lead	3400		0.15	0.60	mg/Kg
O3645-06	SB-10-(0.5-2.0)	SOIL	Manganese	1060		0.070	0.99	mg/Kg
O3645-06	SB-10-(0.5-2.0)	SOIL	Mercury	248	D	7.25	15.9	mg/Kg
O3645-06	SB-10-(0.5-2.0)	SOIL	Nickel	103		0.089	1.98	mg/Kg
O3645-06	SB-10-(0.5-2.0)	SOIL	Zinc	1850	OR	0.11	1.98	mg/Kg
Client ID : DUP								
O3645-07	DUP	SOIL	Arsenic	1.13		0.31	1.07	mg/Kg
O3645-07	DUP	SOIL	Barium	26.8		0.68	5.33	mg/Kg

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SDG No.: O3645

Order ID: O3645

Client: LaBella Associates P.C.

Project ID: Mackenna Parcels

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3645-07	DUP	SOIL	Beryllium	0.27	J	0.013	0.32	mg/Kg
O3645-07	DUP	SOIL	Cadmium	1.56		0.017	0.32	mg/Kg
O3645-07	DUP	SOIL	Chromium	5.26		0.058	0.53	mg/Kg
O3645-07	DUP	SOIL	Copper	13.4		0.50	1.07	mg/Kg
O3645-07	DUP	SOIL	Lead	37.1		0.16	0.64	mg/Kg
O3645-07	DUP	SOIL	Manganese	492		0.076	1.07	mg/Kg
O3645-07	DUP	SOIL	Mercury	0.051		0.0070	0.016	mg/Kg
O3645-07	DUP	SOIL	Nickel	10.6		0.096	2.13	mg/Kg
O3645-07	DUP	SOIL	Zinc	325		0.12	2.13	mg/Kg
Client ID :	RINSATE-BLANK							
O3645-08	RINSATE-BLANK	Water	Chromium	12.1		0.50	5.00	ug/L
O3645-08	RINSATE-BLANK	Water	Manganese	9.55	J	1.46	10.0	ug/L
O3645-08	RINSATE-BLANK	Water	Zinc	5.30	J	1.75	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-02-(3-5)	SDG No.:	O3645
Lab Sample ID:	O3645-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weigh)	Rep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	1.27		1	0.33	1.14	mg/Kg	07/18/23 12:30	07/19/23 16:35	SW6010	SW3050
7440-39-3	Barium	32.2	N	1	0.73	5.68	mg/Kg	07/18/23 12:30	07/19/23 16:35	SW6010	SW3050
7440-41-7	Beryllium	0.28	JN	1	0.014	0.34	mg/Kg	07/18/23 12:30	07/19/23 16:35	SW6010	SW3050
7440-43-9	Cadmium	1.74		1	0.018	0.34	mg/Kg	07/18/23 12:30	07/19/23 16:35	SW6010	SW3050
7440-47-3	Chromium	5.23	N	1	0.061	0.57	mg/Kg	07/18/23 12:30	07/19/23 16:35	SW6010	SW3050
7440-50-8	Copper	14.1	N*	1	0.53	1.14	mg/Kg	07/18/23 12:30	07/19/23 16:35	SW6010	SW3050
7439-92-1	Lead	49.9		1	0.17	0.68	mg/Kg	07/18/23 12:30	07/19/23 16:35	SW6010	SW3050
7439-96-5	Manganese	480		1	0.081	1.14	mg/Kg	07/18/23 12:30	07/19/23 16:35	SW6010	SW3050
7439-97-6	Mercury	0.081		1	0.0060	0.014	mg/Kg	07/18/23 13:30	07/19/23 13:08	SW7471B	
7440-02-0	Nickel	10.6		1	0.10	2.27	mg/Kg	07/18/23 12:30	07/19/23 16:35	SW6010	SW3050
7782-49-2	Selenium	1.14	U	1	0.38	1.14	mg/Kg	07/18/23 12:30	07/19/23 16:35	SW6010	SW3050
7440-22-4	Silver	0.57	U	1	0.059	0.57	mg/Kg	07/18/23 12:30	07/19/23 16:35	SW6010	SW3050
7440-66-6	Zinc	347		1	0.13	2.27	mg/Kg	07/18/23 12:30	07/19/23 16:35	SW6010	SW3050

Color Before: Brown	Clarity Before:	Texture: Medium
Color After: Brown	Clarity After:	Artifacts: No
Comments: METALS RCRA		

U = Not Detected
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 MDL = Method Detection Limit
 LOD = Limit of Detection
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 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:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-04-(1-5)	SDG No.:	O3645
Lab Sample ID:	O3645-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weigh)	Rep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	1.15		1	0.26	0.90	mg/Kg	07/18/23 12:30	07/19/23 16:39	SW6010	SW3050
7440-39-3	Barium	27.7	N	1	0.57	4.49	mg/Kg	07/18/23 12:30	07/19/23 16:39	SW6010	SW3050
7440-41-7	Beryllium	0.23	JN	1	0.011	0.27	mg/Kg	07/18/23 12:30	07/19/23 16:39	SW6010	SW3050
7440-43-9	Cadmium	1.81		1	0.014	0.27	mg/Kg	07/18/23 12:30	07/19/23 16:39	SW6010	SW3050
7440-47-3	Chromium	4.23	N	1	0.048	0.45	mg/Kg	07/18/23 12:30	07/19/23 16:39	SW6010	SW3050
7440-50-8	Copper	15.6	N*	1	0.42	0.90	mg/Kg	07/18/23 12:30	07/19/23 16:39	SW6010	SW3050
7439-92-1	Lead	84.4		1	0.14	0.54	mg/Kg	07/18/23 12:30	07/19/23 16:39	SW6010	SW3050
7439-96-5	Manganese	483		1	0.064	0.90	mg/Kg	07/18/23 12:30	07/19/23 16:39	SW6010	SW3050
7439-97-6	Mercury	6.05	D	10	0.061	0.14	mg/Kg	07/18/23 13:30	07/19/23 14:20	SW7471B	
7440-02-0	Nickel	9.56		1	0.081	1.80	mg/Kg	07/18/23 12:30	07/19/23 16:39	SW6010	SW3050
7782-49-2	Selenium	0.90	U	1	0.30	0.90	mg/Kg	07/18/23 12:30	07/19/23 16:39	SW6010	SW3050
7440-22-4	Silver	0.45	U	1	0.047	0.45	mg/Kg	07/18/23 12:30	07/19/23 16:39	SW6010	SW3050
7440-66-6	Zinc	314		1	0.099	1.80	mg/Kg	07/18/23 12:30	07/19/23 16:39	SW6010	SW3050

Color Before: Brown	Clarity Before:	Texture: Medium
Color After: Brown	Clarity After:	Artifacts: No
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:	LaBella Associates P.C.	Date Collected:	07/13/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-07-(1-3)	SDG No.:	O3645
Lab Sample ID:	O3645-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weigh)	rep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	1.49		1	0.31	1.07	mg/Kg	07/18/23 12:30	07/19/23 17:11	SW6010	SW3050
7440-39-3	Barium	88.9	N	1	0.68	5.33	mg/Kg	07/18/23 12:30	07/19/23 17:11	SW6010	SW3050
7440-41-7	Beryllium	0.71	N	1	0.013	0.32	mg/Kg	07/18/23 12:30	07/19/23 17:11	SW6010	SW3050
7440-43-9	Cadmium	1.68		1	0.017	0.32	mg/Kg	07/18/23 12:30	07/19/23 17:11	SW6010	SW3050
7440-47-3	Chromium	14.6	N	1	0.058	0.53	mg/Kg	07/18/23 12:30	07/19/23 17:11	SW6010	SW3050
7440-50-8	Copper	11.6	N*	1	0.50	1.07	mg/Kg	07/18/23 12:30	07/19/23 17:11	SW6010	SW3050
7439-92-1	Lead	25.9		1	0.16	0.64	mg/Kg	07/18/23 12:30	07/19/23 17:11	SW6010	SW3050
7439-96-5	Manganese	248		1	0.076	1.07	mg/Kg	07/18/23 12:30	07/19/23 17:11	SW6010	SW3050
7439-97-6	Mercury	0.079		1	0.0070	0.015	mg/Kg	07/18/23 13:30	07/19/23 13:14	SW7471B	
7440-02-0	Nickel	20.9		1	0.096	2.13	mg/Kg	07/18/23 12:30	07/19/23 17:11	SW6010	SW3050
7782-49-2	Selenium	1.07	U	1	0.35	1.07	mg/Kg	07/18/23 12:30	07/19/23 17:11	SW6010	SW3050
7440-22-4	Silver	0.53	U	1	0.055	0.53	mg/Kg	07/18/23 12:30	07/19/23 17:11	SW6010	SW3050
7440-66-6	Zinc	366		1	0.12	2.13	mg/Kg	07/18/23 12:30	07/19/23 17:11	SW6010	SW3050

Color Before: Brown	Clarity Before:	Texture: Medium
Color After: Brown	Clarity After:	Artifacts: No
Comments: METALS RCRA		

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/13/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-08-(0.5-2.0)	SDG No.:	O3645
Lab Sample ID:	O3645-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	74.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weigh)	Rep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	97.6		1	0.36	1.25	mg/Kg	07/18/23 12:30	07/19/23 17:15	SW6010	SW3050
7440-39-3	Barium	247	N	1	0.80	6.26	mg/Kg	07/18/23 12:30	07/19/23 17:15	SW6010	SW3050
7440-41-7	Beryllium	1.18	N	1	0.015	0.38	mg/Kg	07/18/23 12:30	07/19/23 17:15	SW6010	SW3050
7440-43-9	Cadmium	3.49		1	0.020	0.38	mg/Kg	07/18/23 12:30	07/19/23 17:15	SW6010	SW3050
7440-47-3	Chromium	93.0	N	1	0.068	0.63	mg/Kg	07/18/23 12:30	07/19/23 17:15	SW6010	SW3050
7440-50-8	Copper	765	N*	1	0.59	1.25	mg/Kg	07/18/23 12:30	07/19/23 17:15	SW6010	SW3050
7439-92-1	Lead	8860		1	0.19	0.75	mg/Kg	07/18/23 12:30	07/19/23 17:15	SW6010	SW3050
7439-96-5	Manganese	340		1	0.089	1.25	mg/Kg	07/18/23 12:30	07/19/23 17:15	SW6010	SW3050
7439-97-6	Mercury	1.91	D	5	0.041	0.090	mg/Kg	07/18/23 13:30	07/19/23 14:47	SW7471B	
7440-02-0	Nickel	44.0		1	0.11	2.51	mg/Kg	07/18/23 12:30	07/19/23 17:15	SW6010	SW3050
7782-49-2	Selenium	1.25	U	1	0.41	1.25	mg/Kg	07/18/23 12:30	07/19/23 17:15	SW6010	SW3050
7440-22-4	Silver	0.63	U	1	0.065	0.63	mg/Kg	07/18/23 12:30	07/19/23 17:15	SW6010	SW3050
7440-66-6	Zinc	509		1	0.14	2.51	mg/Kg	07/18/23 12:30	07/19/23 17:15	SW6010	SW3050

Color Before: Brown	Clarity Before:	Texture: Medium
Color After: Brown	Clarity After:	Artifacts: No
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Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-09-(2.0-4.0)	SDG No.:	O3645
Lab Sample ID:	O3645-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weigh)	Rep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	0.96	J	1	0.32	1.09	mg/Kg	07/18/23 12:30	07/19/23 17:19	SW6010	SW3050
7440-39-3	Barium	74.0	N	1	0.70	5.43	mg/Kg	07/18/23 12:30	07/19/23 17:19	SW6010	SW3050
7440-41-7	Beryllium	0.64	N	1	0.013	0.33	mg/Kg	07/18/23 12:30	07/19/23 17:19	SW6010	SW3050
7440-43-9	Cadmium	0.90		1	0.017	0.33	mg/Kg	07/18/23 12:30	07/19/23 17:19	SW6010	SW3050
7440-47-3	Chromium	11.2	N	1	0.059	0.54	mg/Kg	07/18/23 12:30	07/19/23 17:19	SW6010	SW3050
7440-50-8	Copper	12.4	N*	1	0.51	1.09	mg/Kg	07/18/23 12:30	07/19/23 17:19	SW6010	SW3050
7439-92-1	Lead	33.8		1	0.16	0.65	mg/Kg	07/18/23 12:30	07/19/23 17:19	SW6010	SW3050
7439-96-5	Manganese	204		1	0.077	1.09	mg/Kg	07/18/23 12:30	07/19/23 17:19	SW6010	SW3050
7439-97-6	Mercury	0.28		1	0.0080	0.018	mg/Kg	07/18/23 13:30	07/19/23 13:23	SW7471B	
7440-02-0	Nickel	18.4		1	0.098	2.17	mg/Kg	07/18/23 12:30	07/19/23 17:19	SW6010	SW3050
7782-49-2	Selenium	1.09	U	1	0.36	1.09	mg/Kg	07/18/23 12:30	07/19/23 17:19	SW6010	SW3050
7440-22-4	Silver	0.54	U	1	0.056	0.54	mg/Kg	07/18/23 12:30	07/19/23 17:19	SW6010	SW3050
7440-66-6	Zinc	104		1	0.12	2.17	mg/Kg	07/18/23 12:30	07/19/23 17:19	SW6010	SW3050

Color Before: Brown	Clarity Before:	Texture: Medium
Color After: Brown	Clarity After:	Artifacts: No
Comments: METALS RCRA		

U = Not Detected
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 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:	LaBella Associates P.C.	Date Collected:	07/13/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-10-(0.5-2.0)	SDG No.:	O3645
Lab Sample ID:	O3645-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	12.3		1	0.29	0.99	mg/Kg	07/18/23 12:30	07/19/23 17:23	SW6010	SW3050
7440-39-3	Barium	480	N	1	0.64	4.96	mg/Kg	07/18/23 12:30	07/19/23 17:23	SW6010	SW3050
7440-41-7	Beryllium	1.53	N	1	0.012	0.30	mg/Kg	07/18/23 12:30	07/19/23 17:23	SW6010	SW3050
7440-43-9	Cadmium	22.7		1	0.016	0.30	mg/Kg	07/18/23 12:30	07/19/23 17:23	SW6010	SW3050
7440-47-3	Chromium	50.0	N	1	0.054	0.50	mg/Kg	07/18/23 12:30	07/19/23 17:23	SW6010	SW3050
7440-50-8	Copper	3200	N*	1	0.47	0.99	mg/Kg	07/18/23 12:30	07/19/23 17:23	SW6010	SW3050
7439-92-1	Lead	3400		1	0.15	0.60	mg/Kg	07/18/23 12:30	07/19/23 17:23	SW6010	SW3050
7439-96-5	Manganese	1060		1	0.070	0.99	mg/Kg	07/18/23 12:30	07/19/23 17:23	SW6010	SW3050
7439-97-6	Mercury	248	D	100	7.25	15.9	mg/Kg	07/18/23 13:30	07/19/23 14:57	SW7471B	
7440-02-0	Nickel	103		1	0.089	1.98	mg/Kg	07/18/23 12:30	07/19/23 17:23	SW6010	SW3050
7782-49-2	Selenium	0.99	U	1	0.33	0.99	mg/Kg	07/18/23 12:30	07/19/23 17:23	SW6010	SW3050
7440-22-4	Silver	0.50	U	1	0.052	0.50	mg/Kg	07/18/23 12:30	07/19/23 17:23	SW6010	SW3050
7440-66-6	Zinc	1850	OR	1	0.11	1.98	mg/Kg	07/18/23 12:30	07/19/23 17:23	SW6010	SW3050

Color Before: Brown	Clarity Before:	Texture: Medium
Color After: Brown	Clarity After:	Artifacts: No
Comments: METALS RCRA		

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 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	DUP	SDG No.:	O3645
Lab Sample ID:	O3645-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weigh)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	1.13		1	0.31	1.07	mg/Kg	07/18/23 12:30	07/19/23 17:27	SW6010	SW3050
7440-39-3	Barium	26.8	N	1	0.68	5.33	mg/Kg	07/18/23 12:30	07/19/23 17:27	SW6010	SW3050
7440-41-7	Beryllium	0.27	JN	1	0.013	0.32	mg/Kg	07/18/23 12:30	07/19/23 17:27	SW6010	SW3050
7440-43-9	Cadmium	1.56		1	0.017	0.32	mg/Kg	07/18/23 12:30	07/19/23 17:27	SW6010	SW3050
7440-47-3	Chromium	5.26	N	1	0.058	0.53	mg/Kg	07/18/23 12:30	07/19/23 17:27	SW6010	SW3050
7440-50-8	Copper	13.4	N*	1	0.50	1.07	mg/Kg	07/18/23 12:30	07/19/23 17:27	SW6010	SW3050
7439-92-1	Lead	37.1		1	0.16	0.64	mg/Kg	07/18/23 12:30	07/19/23 17:27	SW6010	SW3050
7439-96-5	Manganese	492		1	0.076	1.07	mg/Kg	07/18/23 12:30	07/19/23 17:27	SW6010	SW3050
7439-97-6	Mercury	0.051		1	0.0070	0.016	mg/Kg	07/18/23 13:30	07/19/23 13:28	SW7471B	
7440-02-0	Nickel	10.6		1	0.096	2.13	mg/Kg	07/18/23 12:30	07/19/23 17:27	SW6010	SW3050
7782-49-2	Selenium	1.07	U	1	0.35	1.07	mg/Kg	07/18/23 12:30	07/19/23 17:27	SW6010	SW3050
7440-22-4	Silver	0.53	U	1	0.055	0.53	mg/Kg	07/18/23 12:30	07/19/23 17:27	SW6010	SW3050
7440-66-6	Zinc	325		1	0.12	2.13	mg/Kg	07/18/23 12:30	07/19/23 17:27	SW6010	SW3050

Color Before: Brown	Clarity Before:	Texture: Medium
Color After: Brown	Clarity After:	Artifacts: No
Comments: METALS RCRA		

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	RINSATE-BLANK	SDG No.:	O3645
Lab Sample ID:	O3645-08	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	10.0	U	1	3.48	10.0	ug/L	07/17/23 12:00	07/31/23 17:25	SW6010	SW3010
7440-39-3	Barium	50.0	UN	1	6.28	50.0	ug/L	07/17/23 12:00	07/31/23 17:25	SW6010	SW3010
7440-41-7	Beryllium	3.00	U	1	0.13	3.00	ug/L	07/17/23 12:00	07/31/23 17:25	SW6010	SW3010
7440-43-9	Cadmium	3.00	U	1	0.094	3.00	ug/L	07/17/23 12:00	07/31/23 17:25	SW6010	SW3010
7440-47-3	Chromium	12.1		1	0.50	5.00	ug/L	07/17/23 12:00	07/31/23 17:25	SW6010	SW3010
7440-50-8	Copper	10.0	U	1	7.07	10.0	ug/L	07/17/23 12:00	07/31/23 17:25	SW6010	SW3010
7439-92-1	Lead	6.00	U	1	3.51	6.00	ug/L	07/17/23 12:00	07/31/23 17:25	SW6010	SW3010
7439-96-5	Manganese	9.55	J	1	1.46	10.0	ug/L	07/17/23 12:00	07/31/23 17:25	SW6010	SW3010
7439-97-6	Mercury	0.20	U	1	0.078	0.20	ug/L	07/18/23 15:40	07/19/23 10:20	SW7470A	
7440-02-0	Nickel	20.0	U	1	0.85	20.0	ug/L	07/17/23 12:00	07/31/23 17:25	SW6010	SW3010
7782-49-2	Selenium	10.0	U	1	5.88	10.0	ug/L	07/17/23 12:00	07/31/23 17:25	SW6010	SW3010
7440-22-4	Silver	5.00	U	1	0.58	5.00	ug/L	07/17/23 12:00	07/31/23 17:25	SW6010	SW3010
7440-66-6	Zinc	5.30	JN	1	1.75	20.0	ug/L	07/17/23 12:00	07/31/23 17:25	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	METALS RCRA			

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LAB CHRONICLE

OrderID: O3645	OrderDate: 7/17/2023 9:31:59 AM
Client: LaBella Associates P.C.	Project: Mackenna Parcels
Contact: Andrew T. Benkleman	Location: I11,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
03645-01	SB-02-(3-5)	SOIL	Mercury Metals Group5	7471B 6010D	07/12/23	07/18/23 07/18/23	07/19/23 07/19/23	07/17/23
03645-02	SB-04-(1-5)	SOIL	Mercury Metals Group5	7471B 6010D	07/12/23	07/18/23 07/18/23	07/19/23 07/19/23	07/17/23
03645-03	SB-07-(1-3)	SOIL	Mercury Metals Group5	7471B 6010D	07/13/23	07/18/23 07/18/23	07/19/23 07/19/23	07/17/23
03645-04	SB-08-(0.5-2.0)	SOIL	Mercury Metals Group5	7471B 6010D	07/13/23	07/18/23 07/18/23	07/19/23 07/19/23	07/17/23
03645-05	SB-09-(2.0-4.0)	SOIL	Mercury Metals Group5	7471B 6010D	07/13/23	07/18/23 07/18/23	07/19/23 07/19/23	07/17/23
03645-06	SB-10-(0.5-2.0)	SOIL	Mercury Metals Group5	7471B 6010D	07/13/23	07/18/23 07/18/23	07/19/23 07/19/23	07/17/23
03645-07	DUP	SOIL	Mercury Metals Group5	7471B 6010D	07/12/23	07/18/23 07/18/23	07/19/23 07/19/23	07/17/23
03645-08	RINSATE-BLANK	Water	Mercury Metals Group5	7470A 6010D	07/12/23	07/18/23 07/17/23	07/19/23 07/31/23	07/17/23