

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	10/31/24
Project:	Rt. 10 Whippany	Date Received:	10/31/24
Client Sample ID:	RES-BUILDING-PAD-NO-11	SDG No.:	P4663
Lab Sample ID:	P4663-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9640		1	2.40	4.98	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7440-36-0	Antimony	0.34	JN	1	0.15	2.49	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7440-38-2	Arsenic	1.32		1	0.29	1.00	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7440-39-3	Barium	51.4		1	0.64	4.98	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7440-41-7	Beryllium	0.86		1	0.012	0.30	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7440-43-9	Cadmium	0.43		1	0.016	0.30	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7440-70-2	Calcium	2070		1	2.79	99.6	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7440-47-3	Chromium	17.5		1	0.054	0.50	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7440-48-4	Cobalt	12.4		1	0.058	1.49	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7440-50-8	Copper	20.3	N	1	0.47	1.00	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7439-89-6	Iron	20200		1	2.68	4.98	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7439-92-1	Lead	15.4		1	0.15	0.60	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7439-95-4	Magnesium	2450		1	3.42	99.6	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7439-96-5	Manganese	355		1	0.071	1.00	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7439-97-6	Mercury	0.020		1	0.0070	0.015	mg/Kg	11/04/24 09:45	11/04/24 14:46	SW7471B	
7440-02-0	Nickel	16.1		1	0.090	1.99	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7440-09-7	Potassium	563		1	28.6	99.6	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7782-49-2	Selenium	0.33	U	1	0.33	1.00	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7440-22-4	Silver	0.38	J	1	0.052	0.50	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7440-23-5	Sodium	327	N	1	36.0	99.6	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7440-28-0	Thallium	0.44	U	1	0.44	1.99	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7440-62-2	Vanadium	39.7		1	0.27	1.99	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050
7440-66-6	Zinc	50.5	N	1	0.11	1.99	mg/Kg	11/03/24 15:00	11/04/24 20:17	SW6010	SW3050

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

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