

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-3	SDG No.:	P4663
Lab Sample ID:	P4663-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7550		1	2.12	4.40	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7440-36-0	Antimony	0.23	JN	1	0.13	2.20	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7440-38-2	Arsenic	1.22		1	0.26	0.88	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7440-39-3	Barium	46.5		1	0.56	4.40	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7440-41-7	Beryllium	0.71		1	0.011	0.26	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7440-43-9	Cadmium	0.53		1	0.014	0.26	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7440-70-2	Calcium	4260		1	2.47	88.1	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7440-47-3	Chromium	12.9		1	0.048	0.44	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7440-48-4	Cobalt	12.9		1	0.051	1.32	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7440-50-8	Copper	24.6	N	1	0.41	0.88	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7439-89-6	Iron	17600		1	2.37	4.40	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7439-92-1	Lead	8.31		1	0.13	0.53	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7439-95-4	Magnesium	3180		1	3.02	88.1	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7439-96-5	Manganese	363		1	0.063	0.88	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7439-97-6	Mercury	0.016		1	0.0060	0.013	mg/Kg	11/04/24 09:45	11/04/24 14:55	SW7471B	
7440-02-0	Nickel	15.8		1	0.079	1.76	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7440-09-7	Potassium	673		1	25.3	88.1	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7782-49-2	Selenium	0.29	U	1	0.29	0.88	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7440-22-4	Silver	0.32	J	1	0.046	0.44	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7440-23-5	Sodium	265	N	1	31.8	88.1	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7440-28-0	Thallium	0.39	U	1	0.39	1.76	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7440-62-2	Vanadium	30.5		1	0.24	1.76	mg/Kg	11/03/24 15:00	11/04/24 20:21	SW6010	SW3050
7440-66-6	Zinc	45.7	N	1	0.097	1.76	mg/Kg	11/03/24 15:00	11/04/24 20:21	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