

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-2	SDG No.:	P4663
Lab Sample ID:	P4663-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7960		1	2.18	4.53	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7440-36-0	Antimony	0.14	JN	1	0.14	2.26	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7440-38-2	Arsenic	1.15		1	0.26	0.91	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7440-39-3	Barium	46.8		1	0.58	4.53	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7440-41-7	Beryllium	0.81		1	0.011	0.27	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7440-43-9	Cadmium	0.40		1	0.014	0.27	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7440-70-2	Calcium	1760		1	2.53	90.5	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7440-47-3	Chromium	13.8		1	0.049	0.45	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7440-48-4	Cobalt	11.7		1	0.053	1.36	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7440-50-8	Copper	20.0	N	1	0.43	0.91	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7439-89-6	Iron	18000		1	2.43	4.53	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7439-92-1	Lead	7.79		1	0.14	0.54	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7439-95-4	Magnesium	2290		1	3.10	90.5	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7439-96-5	Manganese	361		1	0.064	0.91	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7439-97-6	Mercury	0.0060	U	1	0.0060	0.014	mg/Kg	11/04/24 09:45	11/04/24 14:57	SW7471B	
7440-02-0	Nickel	14.8		1	0.081	1.81	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7440-09-7	Potassium	556		1	26.0	90.5	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7782-49-2	Selenium	0.30	U	1	0.30	0.91	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7440-22-4	Silver	0.34	J	1	0.047	0.45	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7440-23-5	Sodium	161	N	1	32.7	90.5	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7440-28-0	Thallium	0.40	U	1	0.40	1.81	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7440-62-2	Vanadium	32.5		1	0.24	1.81	mg/Kg	11/03/24 15:00	11/04/24 20:25	SW6010	SW3050
7440-66-6	Zinc	41.4	N	1	0.10	1.81	mg/Kg	11/03/24 15:00	11/04/24 20:25	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