

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:	TENNANT-PAD-2-3-STOCKPILE	SDG No.:	P4663
Lab Sample ID:	P4663-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10400		1	2.49	5.16	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7440-36-0	Antimony	0.18	JN	1	0.16	2.58	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7440-38-2	Arsenic	1.98		1	0.30	1.03	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7440-39-3	Barium	52.9		1	0.66	5.16	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7440-41-7	Beryllium	0.99		1	0.012	0.31	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7440-43-9	Cadmium	0.59		1	0.017	0.31	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7440-70-2	Calcium	2390		1	2.89	103	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7440-47-3	Chromium	16.2		1	0.056	0.52	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7440-48-4	Cobalt	16.2		1	0.060	1.55	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7440-50-8	Copper	21.7	N	1	0.49	1.03	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7439-89-6	Iron	21200		1	2.78	5.16	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7439-92-1	Lead	12.5		1	0.16	0.62	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7439-95-4	Magnesium	2290		1	3.54	103	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7439-96-5	Manganese	366		1	0.073	1.03	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7439-97-6	Mercury	0.011	J	1	0.0060	0.014	mg/Kg	11/04/24 09:45	11/04/24 15:34	SW7471B	
7440-02-0	Nickel	15.6		1	0.093	2.07	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7440-09-7	Potassium	635		1	29.6	103	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7782-49-2	Selenium	0.34	U	1	0.34	1.03	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7440-22-4	Silver	0.28	J	1	0.054	0.52	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7440-23-5	Sodium	361	N	1	37.3	103	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7440-28-0	Thallium	0.46	U	1	0.46	2.07	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7440-62-2	Vanadium	40.0		1	0.28	2.07	mg/Kg	11/03/24 15:00	11/04/24 20:12	SW6010	SW3050
7440-66-6	Zinc	46.6	N	1	0.11	2.07	mg/Kg	11/03/24 15:00	11/04/24 20:12	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