

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	06/23/25
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001	Date Received:	06/23/25
Client Sample ID:	PARK AVE -1	SDG No.:	Q2393
Lab Sample ID:	Q2393-01	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.
7429-90-5	Aluminum	11200		1	0.92	5.46	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7440-36-0	Antimony	1.60	JN*	1	0.24	2.73	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7440-38-2	Arsenic	8.14	*	1	0.21	1.09	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7440-39-3	Barium	76.0		1	0.80	5.46	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7440-41-7	Beryllium	1.02	N	1	0.027	0.33	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7440-43-9	Cadmium	0.026	U	1	0.026	0.33	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7440-70-2	Calcium	1310	*	1	12.1	109	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7440-47-3	Chromium	17.8	N*	1	0.051	0.55	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7440-48-4	Cobalt	18.6	N	1	0.11	1.64	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7440-50-8	Copper	22.6	N*	1	0.24	1.09	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7439-89-6	Iron	26200	*	1	4.35	5.46	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7439-92-1	Lead	15.2		1	0.14	0.66	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7439-95-4	Magnesium	4410		1	13.1	109	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7439-96-5	Manganese	527	*	1	0.15	1.09	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7439-97-6	Mercury	0.030		1	0.0090	0.016	mg/Kg	06/24/25 15:35	06/26/25 10:28	7471B	
7440-02-0	Nickel	34.9	N*	1	0.14	2.18	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7440-09-7	Potassium	720	N	1	30.2	109	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7782-49-2	Selenium	8.65	N*	1	0.28	1.09	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7440-22-4	Silver	1.00	N*	1	0.13	0.55	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7440-23-5	Sodium	281	N	1	19.4	109	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.18	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7440-62-2	Vanadium	32.0	N	1	0.27	2.18	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050
7440-66-6	Zinc	48.6	N	1	0.12	2.18	mg/Kg	06/24/25 13:15	06/27/25 16:13	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Mercury			

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