

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 -3	SDG No.:	Q2393
Lab Sample ID:	Q2393-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9240		1	0.80	4.75	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7440-36-0	Antimony	1.65	JN*	1	0.21	2.38	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7440-38-2	Arsenic	4.23	*	1	0.18	0.95	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7440-39-3	Barium	49.9		1	0.69	4.75	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7440-41-7	Beryllium	0.81	N	1	0.024	0.28	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7440-43-9	Cadmium	0.023	U	1	0.023	0.28	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7440-70-2	Calcium	8350	*	1	10.6	95.0	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7440-47-3	Chromium	13.9	N*	1	0.045	0.48	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7440-48-4	Cobalt	12.6	N	1	0.095	1.43	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7440-50-8	Copper	17.5	N*	1	0.21	0.95	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7439-89-6	Iron	19900	*	1	3.79	4.75	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7439-92-1	Lead	14.1		1	0.12	0.57	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7439-95-4	Magnesium	2710		1	11.4	95.0	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7439-96-5	Manganese	339	*	1	0.13	0.95	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7439-97-6	Mercury	0.032		1	0.0090	0.016	mg/Kg	06/24/25 15:35	06/26/25 10:32	7471B	
7440-02-0	Nickel	14.6	N*	1	0.12	1.90	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7440-09-7	Potassium	699	N	1	26.3	95.0	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7782-49-2	Selenium	5.60	N*	1	0.25	0.95	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7440-22-4	Silver	0.53	N*	1	0.11	0.48	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7440-23-5	Sodium	190	N	1	16.9	95.0	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.90	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7440-62-2	Vanadium	37.8	N	1	0.24	1.90	mg/Kg	06/24/25 13:15	06/27/25 16:22	6010D	SW3050
7440-66-6	Zinc	34.6	N	1	0.11	1.90	mg/Kg	06/24/25 13:15	06/27/25 16:22	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