

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 -4	SDG No.:	Q2393
Lab Sample ID:	Q2393-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8920		1	0.79	4.67	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7440-36-0	Antimony	1.58	JN*	1	0.21	2.34	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7440-38-2	Arsenic	3.33	*	1	0.18	0.94	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7440-39-3	Barium	45.1		1	0.68	4.67	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7440-41-7	Beryllium	0.72	N	1	0.023	0.28	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7440-43-9	Cadmium	0.022	U	1	0.022	0.28	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7440-70-2	Calcium	5700	*	1	10.4	93.5	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7440-47-3	Chromium	11.7	N*	1	0.044	0.47	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7440-48-4	Cobalt	11.3	N	1	0.093	1.40	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7440-50-8	Copper	15.8	N*	1	0.21	0.94	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7439-89-6	Iron	17600	*	1	3.73	4.67	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7439-92-1	Lead	12.7		1	0.12	0.56	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7439-95-4	Magnesium	2220		1	11.2	93.5	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7439-96-5	Manganese	313	*	1	0.13	0.94	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7439-97-6	Mercury	0.039		1	0.0080	0.014	mg/Kg	06/24/25 15:35	06/26/25 10:34	7471B	
7440-02-0	Nickel	13.8	N*	1	0.12	1.87	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7440-09-7	Potassium	633	N	1	25.9	93.5	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7782-49-2	Selenium	4.83	N*	1	0.24	0.94	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7440-22-4	Silver	0.48	N*	1	0.11	0.47	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7440-23-5	Sodium	172	N	1	16.6	93.5	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.87	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7440-62-2	Vanadium	31.5	N	1	0.23	1.87	mg/Kg	06/24/25 13:15	06/27/25 16:26	6010D	SW3050
7440-66-6	Zinc	37.0	N	1	0.10	1.87	mg/Kg	06/24/25 13:15	06/27/25 16:26	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