

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 -6	SDG No.:	Q2393
Lab Sample ID:	Q2393-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8830		1	0.86	5.14	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7440-36-0	Antimony	2.40	JN*	1	0.23	2.57	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7440-38-2	Arsenic	4.93	*	1	0.20	1.03	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7440-39-3	Barium	49.4		1	0.75	5.14	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7440-41-7	Beryllium	0.96	N	1	0.026	0.31	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7440-43-9	Cadmium	0.025	U	1	0.025	0.31	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7440-70-2	Calcium	6090	*	1	11.4	103	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7440-47-3	Chromium	17.9	N*	1	0.048	0.51	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7440-48-4	Cobalt	12.7	N	1	0.10	1.54	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7440-50-8	Copper	29.5	N*	1	0.23	1.03	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7439-89-6	Iron	37800	*	1	4.10	5.14	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7439-92-1	Lead	15.5		1	0.13	0.62	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7439-95-4	Magnesium	2600		1	12.3	103	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7439-96-5	Manganese	575	*	1	0.14	1.03	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7439-97-6	Mercury	0.029		1	0.0080	0.015	mg/Kg	06/24/25 15:35	06/26/25 10:44	7471B	
7440-02-0	Nickel	21.3	N*	1	0.13	2.06	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7440-09-7	Potassium	692	N	1	28.5	103	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7782-49-2	Selenium	11.5	N*	1	0.27	1.03	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7440-22-4	Silver	1.34	N*	1	0.12	0.51	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7440-23-5	Sodium	363	N	1	18.3	103	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.06	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7440-62-2	Vanadium	34.8	N	1	0.26	2.06	mg/Kg	06/24/25 13:15	06/27/25 16:35	6010D	SW3050
7440-66-6	Zinc	38.0	N	1	0.11	2.06	mg/Kg	06/24/25 13:15	06/27/25 16:35	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