

Report of Analysis

Client:	PSEG	Date Collected:	07/15/25
Project:	PSEG - Gas Con. - McCarter Highway	Date Received:	07/15/25
Client Sample ID:	HR-MCN-COMP-01	SDG No.:	Q2614
Lab Sample ID:	Q2614-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4660		1	0.92	5.50	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7440-36-0	Antimony	0.41	JN	1	0.24	2.75	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7440-38-2	Arsenic	4.41		1	0.21	1.10	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7440-39-3	Barium	99.8	*	1	0.80	5.50	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7440-41-7	Beryllium	0.27	J	1	0.027	0.33	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7440-43-9	Cadmium	0.72		1	0.026	0.33	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7440-70-2	Calcium	12000		1	12.2	110	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7440-47-3	Chromium	14.7	N	1	0.052	0.55	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7440-48-4	Cobalt	5.57		1	0.11	1.65	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7440-50-8	Copper	59.7	N	1	0.24	1.10	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7439-89-6	Iron	11000		1	4.39	5.50	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7439-92-1	Lead	100	N*	1	0.14	0.66	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7439-95-4	Magnesium	2370	*	1	13.2	110	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7439-96-5	Manganese	396		1	0.15	1.10	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7439-97-6	Mercury	0.24		1	0.0090	0.016	mg/Kg	07/16/25 15:50	07/17/25 14:26	7471B	
7440-02-0	Nickel	15.6		1	0.14	2.20	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7440-09-7	Potassium	619		1	30.5	110	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7782-49-2	Selenium	0.45	J	1	0.29	1.10	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7440-22-4	Silver	0.32	J	1	0.13	0.55	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7440-23-5	Sodium	318	N*	1	19.6	110	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7440-28-0	Thallium	0.27	J	1	0.25	2.20	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7440-62-2	Vanadium	16.7		1	0.28	2.20	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050
7440-66-6	Zinc	181	*	1	0.25	2.20	mg/Kg	07/16/25 14:30	07/17/25 19:42	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS TAL+CN			

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