

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/07/25
Project:	Con Edison Richmond Terrace	Date Received:	10/08/25
Client Sample ID:	SS-01-0-1	SDG No.:	Q3310
Lab Sample ID:	Q3310-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	65.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6470		1	1.23	7.29	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7440-36-0	Antimony	0.32	UN	1	0.32	3.65	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7440-38-2	Arsenic	27.1		1	0.28	1.46	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7440-39-3	Barium	230		1	1.06	7.29	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7440-41-7	Beryllium	0.85		1	0.036	0.44	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7440-43-9	Cadmium	1.08		1	0.035	0.44	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7440-70-2	Calcium	6340		1	16.2	146	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7440-47-3	Chromium	51.4		1	0.069	0.73	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7440-48-4	Cobalt	12.0		1	0.15	2.19	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7440-50-8	Copper	108	N	1	0.32	1.46	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7439-89-6	Iron	40000		1	5.82	7.29	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7439-92-1	Lead	137		1	0.19	0.88	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7439-95-4	Magnesium	8430		1	17.5	146	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7439-96-5	Manganese	1140		1	0.20	1.46	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7439-97-6	Mercury	3.05	DN	10	0.10	0.18	mg/Kg	10/09/25 11:40	10/09/25 15:29	7471B	
7440-02-0	Nickel	147		1	0.19	2.92	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7440-09-7	Potassium	1010	N	1	40.4	146	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7782-49-2	Selenium	0.38	U	1	0.38	1.46	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7440-22-4	Silver	1.15		1	0.18	0.73	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7440-23-5	Sodium	3200	N	1	26.0	146	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7440-28-0	Thallium	0.34	U	1	0.34	2.92	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7440-62-2	Vanadium	483		1	0.37	2.92	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050
7440-66-6	Zinc	392		1	0.34	2.92	mg/Kg	10/10/25 10:10	10/10/25 14:44	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS-TAL			

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