

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-01-1-2	SDG No.:	Q3310
Lab Sample ID:	Q3310-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	72.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7490		1	0.99	5.90	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7440-36-0	Antimony	0.26	UN	1	0.26	2.95	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7440-38-2	Arsenic	29.0		1	0.22	1.18	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7440-39-3	Barium	205		1	0.86	5.90	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7440-41-7	Beryllium	0.75		1	0.030	0.35	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7440-43-9	Cadmium	0.77		1	0.028	0.35	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7440-70-2	Calcium	6450		1	13.1	118	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7440-47-3	Chromium	44.7		1	0.055	0.59	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7440-48-4	Cobalt	13.8		1	0.12	1.77	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7440-50-8	Copper	233	N	1	0.26	1.18	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7439-89-6	Iron	22300		1	4.71	5.90	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7439-92-1	Lead	221		1	0.15	0.71	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7439-95-4	Magnesium	11700		1	14.2	118	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7439-96-5	Manganese	578		1	0.17	1.18	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7439-97-6	Mercury	2.26	DN	5	0.051	0.091	mg/Kg	10/09/25 11:40	10/09/25 15:35	7471B	
7440-02-0	Nickel	279		1	0.15	2.36	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7440-09-7	Potassium	1090	N	1	32.7	118	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7782-49-2	Selenium	0.31	U	1	0.31	1.18	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7440-22-4	Silver	0.54	J	1	0.14	0.59	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7440-23-5	Sodium	3240	N	1	21.0	118	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7440-28-0	Thallium	0.27	U	1	0.27	2.36	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7440-62-2	Vanadium	644		1	0.30	2.36	mg/Kg	10/10/25 10:10	10/10/25 14:52	6010D	SW3050
7440-66-6	Zinc	573		1	0.27	2.36	mg/Kg	10/10/25 10:10	10/10/25 14:52	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