

Report of Analysis

Client: Langan Engineering and Environmental Services, Inc
Project: Con Edison Richmond Terrace
Client Sample ID: SED-07-0-2
Lab Sample ID: Q3323-07
Level (low/med): low

Date Collected: 10/09/25
Date Received: 10/09/25
SDG No.: Q3323
Matrix: SOIL
% Solid: 81.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4110		1	0.92	5.45	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7440-36-0	Antimony	433	N	1	0.24	2.72	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7440-38-2	Arsenic	54.7	N	1	0.21	1.09	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7440-39-3	Barium	34.7		1	0.80	5.45	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7440-41-7	Beryllium	1.36	N	1	0.027	0.33	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7440-43-9	Cadmium	3.85		1	0.026	0.33	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7440-70-2	Calcium	5250		1	12.1	109	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7440-47-3	Chromium	34.8	N	1	0.051	0.55	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7440-48-4	Cobalt	25.0	N	1	0.11	1.63	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7440-50-8	Copper	3120	N	1	0.24	1.09	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7439-89-6	Iron	125000	D	5	21.7	27.2	mg/Kg	10/13/25 10:40	10/13/25 19:09	6010D	SW3050
7439-92-1	Lead	4520		1	0.14	0.65	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7439-95-4	Magnesium	5770		1	13.1	109	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7439-96-5	Manganese	745		1	0.15	1.09	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7439-97-6	Mercury	0.64		1	0.0080	0.015	mg/Kg	10/13/25 10:50	10/13/25 14:40	7471B	
7440-02-0	Nickel	207		1	0.14	2.18	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7440-09-7	Potassium	1040		1	30.2	109	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7782-49-2	Selenium	0.28	UN	1	0.28	1.09	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7440-22-4	Silver	0.13	UN	1	0.13	0.55	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7440-23-5	Sodium	3240		1	19.4	109	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.18	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7440-62-2	Vanadium	387	N	1	0.27	2.18	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050
7440-66-6	Zinc	641		1	0.25	2.18	mg/Kg	10/13/25 10:40	10/13/25 15:47	6010D	SW3050

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