

Report of Analysis

Client: Langan Engineering and Environmental Services, Inc
Project: Con Edison Richmond Terrace
Client Sample ID: SED-02-0-2
Lab Sample ID: Q3323-02
Level (low/med): low

Date Collected: 10/09/25
Date Received: 10/09/25
SDG No.: Q3323
Matrix: SOIL
% Solid: 57.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	16200		1	1.30	7.72	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7440-36-0	Antimony	0.34	UN	1	0.34	3.86	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7440-38-2	Arsenic	40.0	N	1	0.29	1.54	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7440-39-3	Barium	286		1	1.13	7.72	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7440-41-7	Beryllium	34.6	N	1	0.039	0.46	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7440-43-9	Cadmium	3.67		1	0.037	0.46	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7440-70-2	Calcium	23900		1	17.1	154	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7440-47-3	Chromium	92.5	N	1	0.073	0.77	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7440-48-4	Cobalt	86.9	N	1	0.15	2.32	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7440-50-8	Copper	2990	N	1	0.34	1.54	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7439-89-6	Iron	92400		1	6.16	7.72	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7439-92-1	Lead	1980		1	0.20	0.93	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7439-95-4	Magnesium	9650		1	18.5	154	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7439-96-5	Manganese	1110		1	0.22	1.54	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7439-97-6	Mercury	0.19		1	0.012	0.021	mg/Kg	10/13/25 10:50	10/13/25 14:21	7471B	
7440-02-0	Nickel	509		1	0.20	3.09	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7440-09-7	Potassium	2070		1	42.8	154	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7782-49-2	Selenium	1.97	N	1	0.40	1.54	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7440-22-4	Silver	0.19	UN	1	0.19	0.77	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7440-23-5	Sodium	6710		1	27.5	154	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7440-28-0	Thallium	0.36	U	1	0.36	3.09	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7440-62-2	Vanadium	39.3	N	1	0.39	3.09	mg/Kg	10/13/25 10:40	10/13/25 15:26	6010D	SW3050
7440-66-6	Zinc	9420	D	5	1.78	15.4	mg/Kg	10/13/25 10:40	10/13/25 16:42	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