

Report of Analysis

Client: Langan Engineering and Environmental Services, Inc
Project: Con Edison Richmond Terrace
Client Sample ID: SED-01-0-2
Lab Sample ID: Q3323-01
Level (low/med): low

Date Collected: 10/09/25
Date Received: 10/09/25
SDG No.: Q3323
Matrix: SOIL
% Solid: 66.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8360		1	1.20	7.13	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7440-36-0	Antimony	0.31	UN	1	0.31	3.56	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7440-38-2	Arsenic	25.1	N	1	0.27	1.43	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7440-39-3	Barium	209		1	1.04	7.13	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7440-41-7	Beryllium	5.02	N	1	0.036	0.43	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7440-43-9	Cadmium	1.85		1	0.034	0.43	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7440-70-2	Calcium	7460		1	15.8	143	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7440-47-3	Chromium	68.8	N	1	0.067	0.71	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7440-48-4	Cobalt	16.8	N	1	0.14	2.14	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7440-50-8	Copper	522	N	1	0.31	1.43	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7439-89-6	Iron	32900		1	5.69	7.13	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7439-92-1	Lead	905		1	0.19	0.86	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7439-95-4	Magnesium	6270		1	17.1	143	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7439-96-5	Manganese	301		1	0.20	1.43	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7439-97-6	Mercury	0.54		1	0.011	0.019	mg/Kg	10/13/25 10:50	10/13/25 14:19	7471B	
7440-02-0	Nickel	86.3		1	0.19	2.85	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7440-09-7	Potassium	1880		1	39.5	143	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7782-49-2	Selenium	2.49	N	1	0.37	1.43	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7440-22-4	Silver	1.86	N	1	0.17	0.71	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7440-23-5	Sodium	6480		1	25.4	143	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7440-28-0	Thallium	0.33	U	1	0.33	2.85	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7440-62-2	Vanadium	23.9	N	1	0.36	2.85	mg/Kg	10/13/25 10:40	10/13/25 15:22	6010D	SW3050
7440-66-6	Zinc	1560		1	0.33	2.85	mg/Kg	10/13/25 10:40	10/13/25 15:22	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