

Report of Analysis

Client: Langan Engineering and Environmental Services, Inc
Project: Con Edison Richmond Terrace
Client Sample ID: SED-04-0-2
Lab Sample ID: Q3323-04
Level (low/med): low

Date Collected: 10/09/25
Date Received: 10/09/25
SDG No.: Q3323
Matrix: SOIL
% Solid: 70.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5140		1	0.99	5.89	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7440-36-0	Antimony	0.26	UN	1	0.26	2.94	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7440-38-2	Arsenic	25.8	N	1	0.22	1.18	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7440-39-3	Barium	83.8		1	0.86	5.89	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7440-41-7	Beryllium	1.06	N	1	0.029	0.35	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7440-43-9	Cadmium	1.39		1	0.028	0.35	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7440-70-2	Calcium	31400		1	13.1	118	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7440-47-3	Chromium	21.4	N	1	0.055	0.59	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7440-48-4	Cobalt	10.1	N	1	0.12	1.77	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7440-50-8	Copper	135	N	1	0.26	1.18	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7439-89-6	Iron	37200		1	4.70	5.89	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7439-92-1	Lead	402		1	0.15	0.71	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7439-95-4	Magnesium	61300		1	14.1	118	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7439-96-5	Manganese	1540		1	0.17	1.18	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7439-97-6	Mercury	0.43		1	0.010	0.017	mg/Kg	10/13/25 10:50	10/13/25 14:32	7471B	
7440-02-0	Nickel	35.6		1	0.15	2.35	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7440-09-7	Potassium	1740		1	32.6	118	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7782-49-2	Selenium	1.14	JN	1	0.31	1.18	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7440-22-4	Silver	0.14	UN	1	0.14	0.59	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7440-23-5	Sodium	5110		1	21.0	118	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7440-28-0	Thallium	0.27	U	1	0.27	2.35	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7440-62-2	Vanadium	24.9	N	1	0.29	2.35	mg/Kg	10/13/25 10:40	10/13/25 15:35	6010D	SW3050
7440-66-6	Zinc	617		1	0.27	2.35	mg/Kg	10/13/25 10:40	10/13/25 15:35	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