

Report of Analysis

Client: Langan Engineering and Environmental Services, Inc
Project: Con Edison Richmond Terrace
Client Sample ID: SED-06-0-2
Lab Sample ID: Q3323-06
Level (low/med): low

Date Collected: 10/09/25
Date Received: 10/09/25
SDG No.: Q3323
Matrix: SOIL
% Solid: 80.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4970		1	0.92	5.48	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.74	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7440-38-2	Arsenic	31.2	N	1	0.21	1.10	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7440-39-3	Barium	49.0		1	0.80	5.48	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7440-41-7	Beryllium	1.99	N	1	0.027	0.33	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7440-43-9	Cadmium	4.38		1	0.026	0.33	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7440-70-2	Calcium	5050		1	12.2	110	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7440-47-3	Chromium	15.1	N	1	0.051	0.55	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7440-48-4	Cobalt	13.9	N	1	0.11	1.64	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7440-50-8	Copper	109	N	1	0.24	1.10	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7439-89-6	Iron	146000	D	5	21.9	27.4	mg/Kg	10/13/25 10:40	10/13/25 19:05	6010D	SW3050
7439-92-1	Lead	104		1	0.14	0.66	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7439-95-4	Magnesium	5460		1	13.1	110	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7439-96-5	Manganese	650		1	0.15	1.10	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7439-97-6	Mercury	0.14		1	0.0090	0.016	mg/Kg	10/13/25 10:50	10/13/25 14:37	7471B	
7440-02-0	Nickel	61.1		1	0.14	2.19	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7440-09-7	Potassium	1950		1	30.3	110	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7782-49-2	Selenium	0.28	UN	1	0.28	1.10	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7440-22-4	Silver	0.66	UDN	5	0.66	2.74	mg/Kg	10/13/25 10:40	10/13/25 19:05	6010D	SW3050
7440-23-5	Sodium	2370		1	19.5	110	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.19	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7440-62-2	Vanadium	241	N	1	0.27	2.19	mg/Kg	10/13/25 10:40	10/13/25 15:43	6010D	SW3050
7440-66-6	Zinc	726		1	0.25	2.19	mg/Kg	10/13/25 10:40	10/13/25 15:43	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