

Report of Analysis

Client: Langan Engineering and Environmental Services, Inc
Project: Con Edison Richmond Terrace
Client Sample ID: SED-05-0-2
Lab Sample ID: Q3323-05
Level (low/med): low

Date Collected: 10/09/25
Date Received: 10/09/25
SDG No.: Q3323
Matrix: SOIL
% Solid: 77.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3580		1	0.94	5.62	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7440-36-0	Antimony	0.25	UN	1	0.25	2.81	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7440-38-2	Arsenic	24.8	N	1	0.21	1.12	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7440-39-3	Barium	36.1		1	0.82	5.62	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7440-41-7	Beryllium	1.19	N	1	0.028	0.34	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7440-43-9	Cadmium	6.12		1	0.027	0.34	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7440-70-2	Calcium	11200		1	12.5	112	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7440-47-3	Chromium	11.3	N	1	0.053	0.56	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7440-48-4	Cobalt	8.87	N	1	0.11	1.69	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7440-50-8	Copper	82.2	N	1	0.25	1.12	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7439-89-6	Iron	59300		1	4.48	5.62	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7439-92-1	Lead	131		1	0.15	0.67	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7439-95-4	Magnesium	9400		1	13.5	112	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7439-96-5	Manganese	275		1	0.16	1.12	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7439-97-6	Mercury	0.25		1	0.0090	0.016	mg/Kg	10/13/25 10:50	10/13/25 14:34	7471B	
7440-02-0	Nickel	47.6		1	0.15	2.25	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7440-09-7	Potassium	1120		1	31.1	112	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7782-49-2	Selenium	0.73	JN	1	0.29	1.12	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7440-22-4	Silver	0.14	UN	1	0.14	0.56	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7440-23-5	Sodium	3530		1	20.0	112	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7440-28-0	Thallium	0.26	U	1	0.26	2.25	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7440-62-2	Vanadium	65.3	N	1	0.28	2.25	mg/Kg	10/13/25 10:40	10/13/25 15:39	6010D	SW3050
7440-66-6	Zinc	1150		1	0.26	2.25	mg/Kg	10/13/25 10:40	10/13/25 15:39	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