

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/07/25
Project:	Con Edison Richmond Terrace	Date Received:	10/08/25
Client Sample ID:	SS-01-2-3	SDG No.:	Q3310
Lab Sample ID:	Q3310-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	75.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5350		1	0.93	5.53	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7440-36-0	Antimony	5.27	N	1	0.24	2.76	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7440-38-2	Arsenic	182		1	0.21	1.11	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7440-39-3	Barium	116		1	0.81	5.53	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7440-41-7	Beryllium	1.14		1	0.028	0.33	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7440-43-9	Cadmium	1.18		1	0.027	0.33	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7440-70-2	Calcium	3460		1	12.3	111	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7440-47-3	Chromium	31.5		1	0.052	0.55	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7440-48-4	Cobalt	9.34		1	0.11	1.66	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7440-50-8	Copper	594	N	1	0.24	1.11	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7439-89-6	Iron	54000		1	4.41	5.53	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7439-92-1	Lead	657		1	0.14	0.66	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7439-95-4	Magnesium	4340		1	13.3	111	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7439-96-5	Manganese	1050		1	0.16	1.11	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7439-97-6	Mercury	1.95	DN	5	0.045	0.080	mg/Kg	10/09/25 11:40	10/09/25 15:37	7471B	
7440-02-0	Nickel	74.0		1	0.14	2.21	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7440-09-7	Potassium	1210	N	1	30.6	111	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7782-49-2	Selenium	0.29	U	1	0.29	1.11	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7440-22-4	Silver	2.19	D	2	0.27	1.11	mg/Kg	10/10/25 10:10	10/10/25 16:57	6010D	SW3050
7440-23-5	Sodium	1540	N	1	19.7	111	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.21	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7440-62-2	Vanadium	204		1	0.28	2.21	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050
7440-66-6	Zinc	332		1	0.25	2.21	mg/Kg	10/10/25 10:10	10/10/25 14:56	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS-TAL			

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