

Hit Summary Sheet
SW-846

SDG No.: Q3323

Order ID: Q3323

Client: Langan Engineering and Environmental Services, Inc

Project ID: Con Edison Richmond Terrace

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SED-01-0-2								
Q3323-01	SED-01-0-2	SOIL	Aluminum	8360		1.20	7.13	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Arsenic	25.1		0.27	1.43	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Barium	209		1.04	7.13	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Beryllium	5.02		0.036	0.43	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Cadmium	1.85		0.034	0.43	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Calcium	7460		15.8	143	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Chromium	68.8		0.067	0.71	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Cobalt	16.8		0.14	2.14	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Copper	522		0.31	1.43	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Iron	32900		5.69	7.13	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Lead	905		0.19	0.86	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Magnesium	6270		17.1	143	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Manganese	301		0.20	1.43	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Mercury	0.54		0.011	0.019	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Nickel	86.3		0.19	2.85	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Potassium	1880		39.5	143	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Selenium	2.49		0.37	1.43	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Silver	1.86		0.17	0.71	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Sodium	6480		25.4	143	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Vanadium	23.9		0.36	2.85	mg/Kg
Q3323-01	SED-01-0-2	SOIL	Zinc	1560		0.33	2.85	mg/Kg
Client ID : SED-02-0-2								
Q3323-02	SED-02-0-2	SOIL	Aluminum	16200		1.30	7.72	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Arsenic	40.0		0.29	1.54	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Barium	286		1.13	7.72	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Beryllium	34.6		0.039	0.46	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Cadmium	3.67		0.037	0.46	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Calcium	23900		17.1	154	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Chromium	92.5		0.073	0.77	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Cobalt	86.9		0.15	2.32	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Copper	2990		0.34	1.54	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Iron	92400		6.16	7.72	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Lead	1980		0.20	0.93	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Magnesium	9650		18.5	154	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Manganese	1110		0.22	1.54	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Mercury	0.19		0.012	0.021	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Nickel	509		0.20	3.09	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q3323

Order ID: Q3323

Client: Langan Engineering and Environmental Services, Inc

Project ID: Con Edison Richmond Terrace

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3323-02	SED-02-0-2	SOIL	Potassium	2070		42.8	154	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Selenium	1.97		0.40	1.54	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Sodium	6710		27.5	154	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Vanadium	39.3		0.39	3.09	mg/Kg
Q3323-02	SED-02-0-2	SOIL	Zinc	9420	D	1.78	15.4	mg/Kg
Client ID : SED-03-0-2								
Q3323-03	SED-03-0-2	SOIL	Aluminum	6730		0.99	5.92	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Arsenic	16.8		0.23	1.18	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Barium	79.5		0.86	5.92	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Beryllium	5.15		0.030	0.36	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Cadmium	1.01		0.028	0.36	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Calcium	13200		13.1	118	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Chromium	27.1		0.056	0.59	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Cobalt	16.5		0.12	1.78	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Copper	428		0.26	1.18	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Iron	35600		4.72	5.92	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Lead	440		0.15	0.71	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Magnesium	5040		14.2	118	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Manganese	307		0.17	1.18	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Mercury	0.45		0.010	0.019	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Nickel	97.2		0.15	2.37	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Potassium	1480		32.8	118	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Selenium	0.93	J	0.31	1.18	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Sodium	3250		21.1	118	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Vanadium	51.4		0.30	2.37	mg/Kg
Q3323-03	SED-03-0-2	SOIL	Zinc	1240		0.27	2.37	mg/Kg
Client ID : SED-04-0-2								
Q3323-04	SED-04-0-2	SOIL	Aluminum	5140		0.99	5.89	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Arsenic	25.8		0.22	1.18	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Barium	83.8		0.86	5.89	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Beryllium	1.06		0.029	0.35	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Cadmium	1.39		0.028	0.35	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Calcium	31400		13.1	118	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Chromium	21.4		0.055	0.59	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Cobalt	10.1		0.12	1.77	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Copper	135		0.26	1.18	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Iron	37200		4.70	5.89	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Lead	402		0.15	0.71	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Magnesium	61300		14.1	118	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q3323

Order ID: Q3323

Client: Langan Engineering and Environmental Services, Inc

Project ID: Con Edison Richmond Terrace

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3323-04	SED-04-0-2	SOIL	Manganese	1540		0.17	1.18	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Mercury	0.43		0.010	0.017	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Nickel	35.6		0.15	2.35	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Potassium	1740		32.6	118	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Selenium	1.14	J	0.31	1.18	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Sodium	5110		21.0	118	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Vanadium	24.9		0.29	2.35	mg/Kg
Q3323-04	SED-04-0-2	SOIL	Zinc	617		0.27	2.35	mg/Kg
Client ID : SED-05-0-2								
Q3323-05	SED-05-0-2	SOIL	Aluminum	3580		0.94	5.62	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Arsenic	24.8		0.21	1.12	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Barium	36.1		0.82	5.62	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Beryllium	1.19		0.028	0.34	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Cadmium	6.12		0.027	0.34	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Calcium	11200		12.5	112	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Chromium	11.3		0.053	0.56	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Cobalt	8.87		0.11	1.69	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Copper	82.2		0.25	1.12	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Iron	59300		4.48	5.62	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Lead	131		0.15	0.67	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Magnesium	9400		13.5	112	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Manganese	275		0.16	1.12	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Mercury	0.25		0.0090	0.016	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Nickel	47.6		0.15	2.25	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Potassium	1120		31.1	112	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Selenium	0.73	J	0.29	1.12	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Sodium	3530		20.0	112	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Vanadium	65.3		0.28	2.25	mg/Kg
Q3323-05	SED-05-0-2	SOIL	Zinc	1150		0.26	2.25	mg/Kg
Client ID : SED-06-0-2								
Q3323-06	SED-06-0-2	SOIL	Aluminum	4970		0.92	5.48	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Arsenic	31.2		0.21	1.10	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Barium	49.0		0.80	5.48	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Beryllium	1.99		0.027	0.33	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Cadmium	4.38		0.026	0.33	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Calcium	5050		12.2	110	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Chromium	15.1		0.051	0.55	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Cobalt	13.9		0.11	1.64	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Copper	109		0.24	1.10	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q3323

Order ID: Q3323

Client: Langan Engineering and Environmental Services, Inc

Project ID: Con Edison Richmond Terrace

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3323-06	SED-06-0-2	SOIL	Iron	146000	D	21.9	27.4	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Lead	104		0.14	0.66	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Magnesium	5460		13.1	110	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Manganese	650		0.15	1.10	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Mercury	0.14		0.0090	0.016	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Nickel	61.1		0.14	2.19	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Potassium	1950		30.3	110	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Sodium	2370		19.5	110	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Vanadium	241		0.27	2.19	mg/Kg
Q3323-06	SED-06-0-2	SOIL	Zinc	726		0.25	2.19	mg/Kg

Client ID : SED-07-0-2

Q3323-07	SED-07-0-2	SOIL	Aluminum	4110		0.92	5.45	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Antimony	433		0.24	2.72	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Arsenic	54.7		0.21	1.09	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Barium	34.7		0.80	5.45	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Beryllium	1.36		0.027	0.33	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Cadmium	3.85		0.026	0.33	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Calcium	5250		12.1	109	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Chromium	34.8		0.051	0.55	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Cobalt	25.0		0.11	1.63	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Copper	3120		0.24	1.09	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Iron	125000	D	21.7	27.2	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Lead	4520		0.14	0.65	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Magnesium	5770		13.1	109	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Manganese	745		0.15	1.09	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Mercury	0.64		0.0080	0.015	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Nickel	207		0.14	2.18	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Potassium	1040		30.2	109	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Sodium	3240		19.4	109	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Vanadium	387		0.27	2.18	mg/Kg
Q3323-07	SED-07-0-2	SOIL	Zinc	641		0.25	2.18	mg/Kg