

Hit Summary Sheet SW-846

SDG No.: Q2484

Order ID: Q2484

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-58								
Q2484-01	TP-58	SOIL	Aluminum	2830		0.83	4.92	mg/Kg
Q2484-01	TP-58	SOIL	Antimony	0.44	J	0.22	2.46	mg/Kg
Q2484-01	TP-58	SOIL	Arsenic	6.73		0.19	0.98	mg/Kg
Q2484-01	TP-58	SOIL	Barium	12.5		0.72	4.92	mg/Kg
Q2484-01	TP-58	SOIL	Beryllium	0.35		0.025	0.30	mg/Kg
Q2484-01	TP-58	SOIL	Calcium	627		10.9	98.3	mg/Kg
Q2484-01	TP-58	SOIL	Chromium	8.80		0.046	0.49	mg/Kg
Q2484-01	TP-58	SOIL	Cobalt	1.21	J	0.098	1.47	mg/Kg
Q2484-01	TP-58	SOIL	Copper	6.02		0.22	0.98	mg/Kg
Q2484-01	TP-58	SOIL	Iron	21400		3.92	4.92	mg/Kg
Q2484-01	TP-58	SOIL	Lead	32.1		0.13	0.59	mg/Kg
Q2484-01	TP-58	SOIL	Magnesium	270		11.8	98.3	mg/Kg
Q2484-01	TP-58	SOIL	Manganese	21.8		0.14	0.98	mg/Kg
Q2484-01	TP-58	SOIL	Mercury	0.012	J	0.0080	0.015	mg/Kg
Q2484-01	TP-58	SOIL	Nickel	3.12		0.13	1.97	mg/Kg
Q2484-01	TP-58	SOIL	Potassium	297		27.2	98.3	mg/Kg
Q2484-01	TP-58	SOIL	Selenium	0.94	J	0.26	0.98	mg/Kg
Q2484-01	TP-58	SOIL	Sodium	114		17.5	98.3	mg/Kg
Q2484-01	TP-58	SOIL	Thallium	0.76	J	0.23	1.97	mg/Kg
Q2484-01	TP-58	SOIL	Vanadium	18.8		0.25	1.97	mg/Kg
Q2484-01	TP-58	SOIL	Zinc	11.8		0.23	1.97	mg/Kg
Client ID : TP-57								
Q2484-02	TP-57	SOIL	Aluminum	4860		0.86	5.12	mg/Kg
Q2484-02	TP-57	SOIL	Antimony	1.33	J	0.23	2.56	mg/Kg
Q2484-02	TP-57	SOIL	Arsenic	7.38		0.20	1.02	mg/Kg
Q2484-02	TP-57	SOIL	Barium	27.5		0.75	5.12	mg/Kg
Q2484-02	TP-57	SOIL	Beryllium	0.59		0.026	0.31	mg/Kg
Q2484-02	TP-57	SOIL	Calcium	959		11.4	102	mg/Kg
Q2484-02	TP-57	SOIL	Chromium	11.5		0.048	0.51	mg/Kg
Q2484-02	TP-57	SOIL	Cobalt	1.75		0.10	1.54	mg/Kg
Q2484-02	TP-57	SOIL	Copper	6.28		0.23	1.02	mg/Kg
Q2484-02	TP-57	SOIL	Iron	22800		4.09	5.12	mg/Kg
Q2484-02	TP-57	SOIL	Lead	51.5		0.13	0.62	mg/Kg
Q2484-02	TP-57	SOIL	Magnesium	219		12.3	102	mg/Kg
Q2484-02	TP-57	SOIL	Manganese	44.9		0.14	1.02	mg/Kg
Q2484-02	TP-57	SOIL	Mercury	0.071		0.0090	0.015	mg/Kg
Q2484-02	TP-57	SOIL	Nickel	3.33		0.13	2.05	mg/Kg

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Q2484-02	TP-57	SOIL	Potassium	333		28.4	102	mg/Kg
Q2484-02	TP-57	SOIL	Selenium	5.75		0.27	1.02	mg/Kg
Q2484-02	TP-57	SOIL	Sodium	226		18.2	102	mg/Kg
Q2484-02	TP-57	SOIL	Vanadium	25.0		0.26	2.05	mg/Kg
Q2484-02	TP-57	SOIL	Zinc	30.1		0.11	2.05	mg/Kg
Client ID : TP-64								
Q2484-03	TP-64	SOIL	Aluminum	5760		0.82	4.88	mg/Kg
Q2484-03	TP-64	SOIL	Antimony	1.71	J	0.22	2.44	mg/Kg
Q2484-03	TP-64	SOIL	Arsenic	5.52		0.19	0.98	mg/Kg
Q2484-03	TP-64	SOIL	Barium	19.8		0.71	4.88	mg/Kg
Q2484-03	TP-64	SOIL	Beryllium	0.56		0.024	0.29	mg/Kg
Q2484-03	TP-64	SOIL	Calcium	14000		10.8	97.5	mg/Kg
Q2484-03	TP-64	SOIL	Chromium	12.0		0.046	0.49	mg/Kg
Q2484-03	TP-64	SOIL	Cobalt	4.88		0.098	1.46	mg/Kg
Q2484-03	TP-64	SOIL	Copper	16.7		0.22	0.98	mg/Kg
Q2484-03	TP-64	SOIL	Iron	17300		3.89	4.88	mg/Kg
Q2484-03	TP-64	SOIL	Lead	10.9		0.13	0.59	mg/Kg
Q2484-03	TP-64	SOIL	Magnesium	4120		11.7	97.5	mg/Kg
Q2484-03	TP-64	SOIL	Manganese	70.9		0.14	0.98	mg/Kg
Q2484-03	TP-64	SOIL	Mercury	0.022		0.0090	0.016	mg/Kg
Q2484-03	TP-64	SOIL	Nickel	6.94		0.13	1.95	mg/Kg
Q2484-03	TP-64	SOIL	Potassium	429		27.0	97.5	mg/Kg
Q2484-03	TP-64	SOIL	Selenium	2.59		0.25	0.98	mg/Kg
Q2484-03	TP-64	SOIL	Sodium	354		17.4	97.5	mg/Kg
Q2484-03	TP-64	SOIL	Vanadium	35.8		0.24	1.95	mg/Kg
Q2484-03	TP-64	SOIL	Zinc	20.0		0.11	1.95	mg/Kg
Client ID : TP-107								
Q2484-04	TP-107	SOIL	Aluminum	9270		0.88	5.26	mg/Kg
Q2484-04	TP-107	SOIL	Antimony	1.66	J	0.23	2.63	mg/Kg
Q2484-04	TP-107	SOIL	Arsenic	11.8		0.20	1.05	mg/Kg
Q2484-04	TP-107	SOIL	Barium	28.0		0.77	5.26	mg/Kg
Q2484-04	TP-107	SOIL	Beryllium	0.91		0.026	0.32	mg/Kg
Q2484-04	TP-107	SOIL	Calcium	478		11.7	105	mg/Kg
Q2484-04	TP-107	SOIL	Chromium	26.4		0.049	0.53	mg/Kg
Q2484-04	TP-107	SOIL	Cobalt	4.10		0.11	1.58	mg/Kg
Q2484-04	TP-107	SOIL	Copper	2.95		0.23	1.05	mg/Kg
Q2484-04	TP-107	SOIL	Iron	27700		4.20	5.26	mg/Kg
Q2484-04	TP-107	SOIL	Lead	11.9		0.14	0.63	mg/Kg
Q2484-04	TP-107	SOIL	Magnesium	557		12.6	105	mg/Kg

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Q2484-04	TP-107	SOIL	Manganese	71.8		0.15	1.05	mg/Kg
Q2484-04	TP-107	SOIL	Mercury	0.053		0.0080	0.015	mg/Kg
Q2484-04	TP-107	SOIL	Nickel	5.87		0.14	2.10	mg/Kg
Q2484-04	TP-107	SOIL	Potassium	303		29.1	105	mg/Kg
Q2484-04	TP-107	SOIL	Selenium	7.40		0.27	1.05	mg/Kg
Q2484-04	TP-107	SOIL	Sodium	142		18.7	105	mg/Kg
Q2484-04	TP-107	SOIL	Vanadium	43.2		0.26	2.10	mg/Kg
Q2484-04	TP-107	SOIL	Zinc	17.6		0.12	2.10	mg/Kg
Client ID : TP-106								
Q2484-05	TP-106	SOIL	Aluminum	8890		0.78	4.62	mg/Kg
Q2484-05	TP-106	SOIL	Antimony	1.73	J	0.20	2.31	mg/Kg
Q2484-05	TP-106	SOIL	Arsenic	9.95		0.18	0.93	mg/Kg
Q2484-05	TP-106	SOIL	Barium	17.9		0.68	4.62	mg/Kg
Q2484-05	TP-106	SOIL	Beryllium	0.99		0.023	0.28	mg/Kg
Q2484-05	TP-106	SOIL	Calcium	365		10.3	92.5	mg/Kg
Q2484-05	TP-106	SOIL	Chromium	36.0		0.043	0.46	mg/Kg
Q2484-05	TP-106	SOIL	Cobalt	4.70		0.092	1.39	mg/Kg
Q2484-05	TP-106	SOIL	Copper	2.51		0.20	0.93	mg/Kg
Q2484-05	TP-106	SOIL	Iron	25500		3.69	4.62	mg/Kg
Q2484-05	TP-106	SOIL	Lead	9.18		0.12	0.56	mg/Kg
Q2484-05	TP-106	SOIL	Magnesium	507		11.1	92.5	mg/Kg
Q2484-05	TP-106	SOIL	Manganese	56.0		0.13	0.93	mg/Kg
Q2484-05	TP-106	SOIL	Mercury	0.031		0.0090	0.016	mg/Kg
Q2484-05	TP-106	SOIL	Nickel	6.34		0.12	1.85	mg/Kg
Q2484-05	TP-106	SOIL	Potassium	392		25.6	92.5	mg/Kg
Q2484-05	TP-106	SOIL	Selenium	6.21		0.24	0.93	mg/Kg
Q2484-05	TP-106	SOIL	Sodium	299		16.5	92.5	mg/Kg
Q2484-05	TP-106	SOIL	Vanadium	36.0		0.23	1.85	mg/Kg
Q2484-05	TP-106	SOIL	Zinc	18.3		0.10	1.85	mg/Kg
Client ID : TP-104								
Q2484-06	TP-104	SOIL	Aluminum	9230		0.80	4.77	mg/Kg
Q2484-06	TP-104	SOIL	Antimony	1.16	J	0.21	2.39	mg/Kg
Q2484-06	TP-104	SOIL	Arsenic	7.48		0.18	0.96	mg/Kg
Q2484-06	TP-104	SOIL	Barium	24.3		0.70	4.77	mg/Kg
Q2484-06	TP-104	SOIL	Beryllium	0.73		0.024	0.29	mg/Kg
Q2484-06	TP-104	SOIL	Calcium	353		10.6	95.5	mg/Kg
Q2484-06	TP-104	SOIL	Chromium	15.8		0.045	0.48	mg/Kg
Q2484-06	TP-104	SOIL	Copper	4.84		0.21	0.96	mg/Kg
Q2484-06	TP-104	SOIL	Iron	19400		3.81	4.77	mg/Kg

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Q2484-06	TP-104	SOIL	Lead	13.1		0.12	0.57	mg/Kg
Q2484-06	TP-104	SOIL	Magnesium	717		11.5	95.5	mg/Kg
Q2484-06	TP-104	SOIL	Manganese	73.8		0.13	0.96	mg/Kg
Q2484-06	TP-104	SOIL	Mercury	0.039		0.0080	0.015	mg/Kg
Q2484-06	TP-104	SOIL	Nickel	7.27		0.12	1.91	mg/Kg
Q2484-06	TP-104	SOIL	Potassium	420		26.4	95.5	mg/Kg
Q2484-06	TP-104	SOIL	Selenium	4.47		0.25	0.96	mg/Kg
Q2484-06	TP-104	SOIL	Sodium	253		17.0	95.5	mg/Kg
Q2484-06	TP-104	SOIL	Vanadium	30.8		0.24	1.91	mg/Kg
Q2484-06	TP-104	SOIL	Zinc	16.3		0.11	1.91	mg/Kg