

ANALYTICAL RESULT SUMMARY

METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : SOUTH RIVER WM REPLACEMENT

CDM SMITH

110 Fieldcrest Ave

Raritan Center

Edison, NJ - 08837

Phone No: 732-225-7000

ORDER ID : Q2484

ATTENTION : Marcie Ann Encinas



Laboratory Certification ID # 20012



Hit Summary Sheet
SW-846

SDG No.: Q2484
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q2484-01	TP-58 TP-58	SOIL	Methylene Chloride	6.30	JQ	4.00	11.3	ug/Kg
			Total Voc :	6.30				
			Total Concentration:	6.30				
Client ID: Q2484-03	TP-64 TP-64	SOIL	Methylene Chloride	8.00	JQ	5.00	14.2	ug/Kg
			Total Voc :	8.00				
			Total Concentration:	8.00				
Client ID: Q2484-04	TP-107 TP-107	SOIL	Methylene Chloride	5.00	JQ	3.50	10.0	ug/Kg
			Total Voc :	5.00				
			Total Concentration:	5.00				
Client ID: Q2484-05	TP-106 TP-106	SOIL	Methylene Chloride	11.0	JQ	4.30	12.3	ug/Kg
			Total Voc :	11.0				
			Total Concentration:	11.0				
Client ID: Q2484-06	TP-104 TP-104	SOIL	Methylene Chloride	3.40	JQ	3.20	9.20	ug/Kg
			Total Voc :	3.40				
			Total Concentration:	3.40				

Hit Summary Sheet SW-846

SDG No.: Q2484
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-58								
Q2484-01	TP-58	SOIL	Naphthalene	140.000	J	26.3	200	ug/Kg
Q2484-01	TP-58	SOIL	2-Methylnaphthalene	170.000	J	29.7	200	ug/Kg
Q2484-01	TP-58	SOIL	1,1-Biphenyl	130.000	J	25.3	200	ug/Kg
Q2484-01	TP-58	SOIL	Acenaphthylene	230.000		33.5	200	ug/Kg
Q2484-01	TP-58	SOIL	Acenaphthene	510.000		24.7	200	ug/Kg
Q2484-01	TP-58	SOIL	Dibenzofuran	1,200.000		26.3	200	ug/Kg
Q2484-01	TP-58	SOIL	Fluorene	1,500.000		29.3	200	ug/Kg
Q2484-01	TP-58	SOIL	Phenanthrene	8,100.000	E	24.2	200	ug/Kg
Q2484-01	TP-58	SOIL	Anthracene	1,600.000		38.6	200	ug/Kg
Q2484-01	TP-58	SOIL	Carbazole	900.000		36.2	200	ug/Kg
Q2484-01	TP-58	SOIL	Fluoranthene	10,800.000	E	34.8	200	ug/Kg
Q2484-01	TP-58	SOIL	Pyrene	6,200.000	E	41.7	200	ug/Kg
Q2484-01	TP-58	SOIL	Benzo(a)anthracene	4,400.000	E	26.7	200	ug/Kg
Q2484-01	TP-58	SOIL	Chrysene	3,600.000	E	23.1	200	ug/Kg
Q2484-01	TP-58	SOIL	Benzo(b)fluoranthene	5,000.000	E	22	200	ug/Kg
Q2484-01	TP-58	SOIL	Benzo(k)fluoranthene	2,100.000		26	200	ug/Kg
Q2484-01	TP-58	SOIL	Benzo(a)pyrene	3,300.000	E	34.2	200	ug/Kg
Q2484-01	TP-58	SOIL	Indeno(1,2,3-cd)pyrene	1,500.000		33.7	200	ug/Kg
Q2484-01	TP-58	SOIL	Dibenzo(a,h)anthracene	450.000		31.8	200	ug/Kg
Q2484-01	TP-58	SOIL	Benzo(g,h,i)perylene	1,700.000		29.8	200	ug/Kg
Total Svoc :				53,530.00				
Q2484-01	TP-58	SOIL	1,1-Binaphthalene	*	590.000	J	0	ug/Kg
Q2484-01	TP-58	SOIL	11H-Benzo[a]fluoren-11-one	*	130.000	J	0	ug/Kg
Q2484-01	TP-58	SOIL	11H-Benzo[b]fluorene	*	150.000	J	0	ug/Kg
Q2484-01	TP-58	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	AB	0	ug/Kg
Q2484-01	TP-58	SOIL	4H-Cyclopenta[def]phenanthrene	*	160.000	J	0	ug/Kg
Q2484-01	TP-58	SOIL	7H-Benz[de]anthracen-7-one	*	130.000	J	0	ug/Kg
Q2484-01	TP-58	SOIL	Benzo[b]naphtho[2,1-d]thiophene	*	150.000	J	0	ug/Kg
Q2484-01	TP-58	SOIL	Benzo[e]pyrene	*	610.000	J	0	ug/Kg
Q2484-01	TP-58	SOIL	Benzophenone	*	610.000	J	0	ug/Kg
Q2484-01	TP-58	SOIL	Cyclopenta[cd]pyrene	*	130.000	J	0	ug/Kg
Q2484-01	TP-58	SOIL	Naphthalene, 1,4-dimethyl-	*	150.000	J	0	ug/Kg
Q2484-01	TP-58	SOIL	Naphthalene, 1,5-dimethyl-	*	230.000	J	0	ug/Kg
Q2484-01	TP-58	SOIL	Naphthalene, 1,6,7-trimethyl-	*	220.000	J	0	ug/Kg
Q2484-01	TP-58	SOIL	Naphthalene, 2,3,6-trimethyl-	*	120.000	J	0	ug/Kg
Q2484-01	TP-58	SOIL	Naphthalene, 2,3-dimethyl-	*	270.000	J	0	ug/Kg
Q2484-01	TP-58	SOIL	Naphthalene, 2,7-dimethyl-	*	110.000	J	0	ug/Kg

Hit Summary Sheet SW-846

SDG No.: Q2484
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2484-01	TP-58	SOIL	Phenanthrene, 2-methyl-	*	97.000	J 0	0	ug/Kg
Q2484-01	TP-58	SOIL	Pyrene, 1-methyl-	*	150.000	J 0	0	ug/Kg
Q2484-01	TP-58	SOIL	Pyrene, 4-methyl-	*	120.000	J 0	0	ug/Kg
Q2484-01	TP-58	SOIL	1-Methylnaphthalene	*	230.000	J 29.9	200	ug/Kg
Total Tics :				4,567.00				
Total Concentration:				58,097.00				
Client ID : TP-58DL								
Q2484-01DL	TP-58DL	SOIL	Acenaphthene	540.000	JD 120		990	ug/Kg
Q2484-01DL	TP-58DL	SOIL	Dibenzofuran	1,200.000	D 130		990	ug/Kg
Q2484-01DL	TP-58DL	SOIL	Fluorene	1,500.000	D 150		990	ug/Kg
Q2484-01DL	TP-58DL	SOIL	Phenanthrene	9,700.000	D 120		990	ug/Kg
Q2484-01DL	TP-58DL	SOIL	Anthracene	1,500.000	D 190		990	ug/Kg
Q2484-01DL	TP-58DL	SOIL	Carbazole	780.000	JD 180		990	ug/Kg
Q2484-01DL	TP-58DL	SOIL	Fluoranthene	10,900.000	D 170		990	ug/Kg
Q2484-01DL	TP-58DL	SOIL	Pyrene	5,900.000	D 210		990	ug/Kg
Q2484-01DL	TP-58DL	SOIL	Benzo(a)anthracene	4,700.000	D 130		990	ug/Kg
Q2484-01DL	TP-58DL	SOIL	Chrysene	3,900.000	D 120		990	ug/Kg
Q2484-01DL	TP-58DL	SOIL	Benzo(b)fluoranthene	5,300.000	D 110		990	ug/Kg
Q2484-01DL	TP-58DL	SOIL	Benzo(k)fluoranthene	1,800.000	D 130		990	ug/Kg
Q2484-01DL	TP-58DL	SOIL	Benzo(a)pyrene	3,500.000	D 170		990	ug/Kg
Q2484-01DL	TP-58DL	SOIL	Indeno(1,2,3-cd)pyrene	1,500.000	D 170		990	ug/Kg
Q2484-01DL	TP-58DL	SOIL	Dibenzo(a,h)anthracene	450.000	JD 160		990	ug/Kg
Q2484-01DL	TP-58DL	SOIL	Benzo(g,h,i)perylene	1,600.000	D 150		990	ug/Kg
Total Svoc :				54,770.00				
Total Concentration:				54,770.00				
Client ID : TP-57								
Q2484-02	TP-57	SOIL	Phenanthrene	170.000	J 24.3		200	ug/Kg
Q2484-02	TP-57	SOIL	Fluoranthene	280.000		34.8	200	ug/Kg
Q2484-02	TP-57	SOIL	Pyrene	240.000		41.8	200	ug/Kg
Q2484-02	TP-57	SOIL	Benzo(a)anthracene	130.000	J 26.7		200	ug/Kg
Q2484-02	TP-57	SOIL	Chrysene	120.000	J 23.1		200	ug/Kg
Q2484-02	TP-57	SOIL	Benzo(b)fluoranthene	140.000	J 22.1		200	ug/Kg
Q2484-02	TP-57	SOIL	Benzo(a)pyrene	130.000	J 34.3		200	ug/Kg
Total Svoc :				1,210.00				
Q2484-02	TP-57	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	180.000	AB 0	0	ug/Kg
Q2484-02	TP-57	SOIL	Benzo[e]pyrene	*	86.300	J 0	0	ug/Kg
Q2484-02	TP-57	SOIL	Benzophenone	*	320.000	J 0	0	ug/Kg
Q2484-02	TP-57	SOIL	n-Hexadecanoic acid	*	80.900	J 0	0	ug/Kg
Total Tics :				667.20				

Hit Summary Sheet
SW-846

SDG No.: Q2484
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,877.20				
Client ID :	TP-64							
Q2484-03	TP-64	SOIL	Fluoranthene	650.000	J	170	960	ug/Kg
Q2484-03	TP-64	SOIL	Pyrene	520.000	J	200	960	ug/Kg
Q2484-03	TP-64	SOIL	Benzo(b)fluoranthene	430.000	J	110	960	ug/Kg
Total Svoc :				1,600.00				
Total Concentration:				1,600.00				
Client ID :	TP-107							
Q2484-04	TP-107	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	230.000	AB	0	0	ug/Kg
Q2484-04	TP-107	SOIL	Benzophenone *	360.000	J	0	0	ug/Kg
Q2484-04	TP-107	SOIL	Heptacosane *	110.000	J	0	0	ug/Kg
Q2484-04	TP-107	SOIL	n-Hexadecanoic acid *	110.000	J	0	0	ug/Kg
Q2484-04	TP-107	SOIL	Trifluoroacetoxy hexadecane *	170.000	J	0	0	ug/Kg
Total Tics :				980.00				
Total Concentration:				980.00				
Client ID :	TP-106							
Q2484-05	TP-106	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	210.000	AB	0	0	ug/Kg
Q2484-05	TP-106	SOIL	Benzophenone *	360.000	J	0	0	ug/Kg
Q2484-05	TP-106	SOIL	Heptafluorobutyric acid, pentadec *	140.000	J	0	0	ug/Kg
Total Tics :				710.00				
Total Concentration:				710.00				
Client ID :	TP-104							
Q2484-06	TP-104	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	220.000	AB	0	0	ug/Kg
Q2484-06	TP-104	SOIL	Behenic alcohol *	180.000	J	0	0	ug/Kg
Q2484-06	TP-104	SOIL	Benzophenone *	370.000	J	0	0	ug/Kg
Total Tics :				770.00				
Total Concentration:				770.00				



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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
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Client ID :

Total Concentration: 0.000

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	Dieldrin	7.10	P	0.16	2.00	ug/kg
Q2484-01	TP-58	SOIL	Endrin	1.70	J	0.16	2.00	ug/kg
Total Concentration:				8.800				
Client ID : TP-64								
Q2484-03	TP-64	SOIL	alpha-Chlordane	0.40	JP	0.14	1.90	ug/kg
Q2484-03	TP-64	SOIL	gamma-Chlordane	0.33	J	0.17	1.90	ug/kg
Total Concentration:				0.730				



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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
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Client ID :

Total Concentration: 0.000

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

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
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

Hit Summary Sheet
SW-846

SDG No.: Q2484
Client: CDM Smith

Order ID: Q2484
Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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

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
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