

ANALYTICAL RESULTS SUMMARY

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : RESERVE TURGYAN FARMS

EARTH ENGINEERING INC.

403 Commerce Lane

West Berlin, NJ - 08091

Phone No: 856-768-1001

ORDER ID : Q2818

ATTENTION : Frank Dougherty, LSRP



Laboratory Certification ID # 20012



Hit Summary Sheet
SW-846

SDG No.: Q2818

Client: Earth Engineering Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q2818-01	B-2-5-1 B-2-5-1	SOIL	Acetone	13.9	J	5.00	26.6	ug/Kg
			Total Voc :	13.9				
			Total Concentration:	13.9				
Client ID: Q2818-02	B-3-5-2 B-3-5-2	SOIL	Acetone	10.7	J	5.00	26.5	ug/Kg
			Total Voc :	10.7				
			Total Concentration:	10.7				

Hit Summary Sheet SW-846

SDG No.: Q2818
Client: Earth Engineering Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-2-5-1								
Q2818-01	B-2-5-1	SOIL	Bis(2-ethylhexyl)phthalate	150.000	J	67.6	190	ug/Kg
Total Svoc :				150.00				
Q2818-01	B-2-5-1	SOIL	Butane, 2-methoxy-2-methyl-	*	770.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Cholestan-3-one, (5.beta.)-	*	1,100.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Cholestane, 3-ethoxy-, (3.beta.,5.	*	2,000.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Cholesterol	*	2,500.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Cyclotrisiloxane, hexamethyl-	*	1,300.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Dehydroabietic acid	*	430.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Eicosane, 9-cyclohexyl-	*	230.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Epicholesterol	*	950.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Heptadecanoic acid	*	510.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	n-Decanoic acid	*	230.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	n-Hexadecanoic acid	*	2,700.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Octadecanoic acid	*	2,200.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Oxime-, methoxy-phenyl-_	*	2,200.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Squalene	*	950.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	trans-13-Octadecenoic acid	*	670.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	trans-2-Phenyl-1-cyclopropanecar	*	390.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	unknown29.277	*	1,000.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	.gamma.-Sitosterol	*	1,300.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	5.beta.-Cholestan-3.alpha.-ol, 2-m	*	6,300.000	J	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	5-Eicosene, (E)-	*	250.000	J	0	ug/Kg
Total Tics :				27,980.00				
Total Concentration:				28,130.00				
Client ID : B-3-5-2								
Q2818-02	B-3-5-2	SOIL	Bis(2-ethylhexyl)phthalate	150.000	J	66.2	190	ug/Kg
Total Svoc :				150.00				
Q2818-02	B-3-5-2	SOIL	Butane, 2-methoxy-2-methyl-	*	990.000	J	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Cholestane, 3-ethoxy-, (3.beta.,5.	*	2,600.000	J	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Cholesterol	*	1,200.000	J	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Cholesterol	*	1,900.000	J	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Dehydroabietic acid	*	260.000	J	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Heptadecanoic acid	*	340.000	J	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	n-Hexadecanoic acid	*	2,300.000	J	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Octadecanoic acid	*	1,800.000	J	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Oxime-, methoxy-phenyl-_	*	1,300.000	J	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Silanediol, dimethyl-	*	230.000	J	0	ug/Kg

Hit Summary Sheet SW-846

SDG No.: Q2818
Client: Earth Engineering Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2818-02	B-3-5-2	SOIL	Squalene	*	1,200.000	J 0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	.gamma.-Sitosterol	*	450.000	J 0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	1,4-Epoxy-naphthalene, 1,4-dihydr	*	400.000	J 0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	2- Chloropropionic acid, octadecy	*	410.000	J 0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	220.000	AB 0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	*	230.000	J 0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	5.beta.-Cholestan-3.alpha.-ol, 2-m	*	7,500.000	J 0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	9-Octadecenoic acid	*	820.000	J 0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Arsenous acid, tris(trimethylsilyl)	*	750.000	J 0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Benzophenone	*	260.000	J 0	0	ug/Kg
Total Tics :					25,160.00			
Total Concentration:					25,310.00			

Hit Summary Sheet
SW-846

SDG No.: Q2818

Order ID: Q2818

Client: Earth Engineering Inc.

Project ID: Reserve Turgyan Farms

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-2-5-1								
Q2818-01	B-2-5-1	SOIL	4,4-DDE	1.40	JP	0.16	1.90	ug/kg
Q2818-01	B-2-5-1	SOIL	4,4-DDD	0.43	JP	0.17	1.90	ug/kg
Q2818-01	B-2-5-1	SOIL	alpha-Chlordane	0.38	J	0.14	1.90	ug/kg
Q2818-01	B-2-5-1	SOIL	gamma-Chlordane	0.23	J	0.17	1.90	ug/kg
Total Concentration:				2.440				
Client ID : B-3-5-2								
Q2818-02	B-3-5-2	SOIL	Dieldrin	4.60	P	0.16	1.90	ug/kg
Q2818-02	B-3-5-2	SOIL	4,4-DDE	1.60	JP	0.16	1.90	ug/kg
Q2818-02	B-3-5-2	SOIL	Methoxychlor	14.8	P	0.41	1.90	ug/kg
Q2818-02	B-3-5-2	SOIL	alpha-Chlordane	0.84	JP	0.13	1.90	ug/kg
Total Concentration:				21.840				



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

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SW-846

SDG No.: Q2818

Order ID: Q2818

Client: Earth Engineering Inc.

Project ID: Reserve Turgyan Farms

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.: Q2818

Order ID: Q2818

Client: Earth Engineering Inc.

Project ID: Reserve Turgyan Farms

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-2-5-1								
Q2818-01	B-2-5-1	SOIL	Aluminum	5490		0.82	4.88	mg/Kg
Q2818-01	B-2-5-1	SOIL	Arsenic	12.0		0.19	0.98	mg/Kg
Q2818-01	B-2-5-1	SOIL	Barium	40.4		0.71	4.88	mg/Kg
Q2818-01	B-2-5-1	SOIL	Beryllium	0.99		0.024	0.29	mg/Kg
Q2818-01	B-2-5-1	SOIL	Cadmium	1.31		0.023	0.29	mg/Kg
Q2818-01	B-2-5-1	SOIL	Calcium	1720		10.8	97.7	mg/Kg
Q2818-01	B-2-5-1	SOIL	Chromium	54.0		0.046	0.49	mg/Kg
Q2818-01	B-2-5-1	SOIL	Cobalt	4.33		0.098	1.47	mg/Kg
Q2818-01	B-2-5-1	SOIL	Copper	25.2		0.22	0.98	mg/Kg
Q2818-01	B-2-5-1	SOIL	Iron	26400		3.90	4.88	mg/Kg
Q2818-01	B-2-5-1	SOIL	Lead	16.4		0.13	0.59	mg/Kg
Q2818-01	B-2-5-1	SOIL	Magnesium	622		11.7	97.7	mg/Kg
Q2818-01	B-2-5-1	SOIL	Manganese	101		0.14	0.98	mg/Kg
Q2818-01	B-2-5-1	SOIL	Mercury	0.14		0.0090	0.015	mg/Kg
Q2818-01	B-2-5-1	SOIL	Nickel	8.31		0.13	1.95	mg/Kg
Q2818-01	B-2-5-1	SOIL	Potassium	1130		27.1	97.7	mg/Kg
Q2818-01	B-2-5-1	SOIL	Selenium	0.64	J	0.25	0.98	mg/Kg
Q2818-01	B-2-5-1	SOIL	Silver	0.75		0.12	0.49	mg/Kg
Q2818-01	B-2-5-1	SOIL	Sodium	128		17.4	97.7	mg/Kg
Q2818-01	B-2-5-1	SOIL	Vanadium	55.0		0.24	1.95	mg/Kg
Q2818-01	B-2-5-1	SOIL	Zinc	77.2		0.23	1.95	mg/Kg
Client ID : B-3-5-2								
Q2818-02	B-3-5-2	SOIL	Aluminum	5230		0.81	4.82	mg/Kg
Q2818-02	B-3-5-2	SOIL	Arsenic	12.3		0.18	0.96	mg/Kg
Q2818-02	B-3-5-2	SOIL	Barium	36.6		0.70	4.82	mg/Kg
Q2818-02	B-3-5-2	SOIL	Beryllium	0.97		0.024	0.29	mg/Kg
Q2818-02	B-3-5-2	SOIL	Cadmium	1.31		0.023	0.29	mg/Kg
Q2818-02	B-3-5-2	SOIL	Calcium	1580		10.7	96.3	mg/Kg
Q2818-02	B-3-5-2	SOIL	Chromium	52.9		0.045	0.48	mg/Kg
Q2818-02	B-3-5-2	SOIL	Cobalt	4.12		0.096	1.45	mg/Kg
Q2818-02	B-3-5-2	SOIL	Copper	22.9		0.21	0.96	mg/Kg
Q2818-02	B-3-5-2	SOIL	Iron	25700		3.84	4.82	mg/Kg
Q2818-02	B-3-5-2	SOIL	Lead	18.6		0.13	0.58	mg/Kg
Q2818-02	B-3-5-2	SOIL	Magnesium	567		11.6	96.3	mg/Kg
Q2818-02	B-3-5-2	SOIL	Manganese	93.1		0.14	0.96	mg/Kg
Q2818-02	B-3-5-2	SOIL	Mercury	0.083		0.0080	0.015	mg/Kg
Q2818-02	B-3-5-2	SOIL	Nickel	8.04		0.13	1.93	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2818

Order ID: Q2818

Client: Earth Engineering Inc.

Project ID: Reserve Turgyan Farms

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2818-02	B-3-5-2	SOIL	Potassium	1050		26.7	96.3	mg/Kg
Q2818-02	B-3-5-2	SOIL	Selenium	0.62	J	0.25	0.96	mg/Kg
Q2818-02	B-3-5-2	SOIL	Silver	0.72		0.12	0.48	mg/Kg
Q2818-02	B-3-5-2	SOIL	Sodium	118		17.1	96.3	mg/Kg
Q2818-02	B-3-5-2	SOIL	Vanadium	54.6		0.24	1.93	mg/Kg
Q2818-02	B-3-5-2	SOIL	Zinc	71.2		0.22	1.93	mg/Kg



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Client: Earth Engineering Inc.

Project ID: Reserve Turgyan Farms

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-2-5-1								
Q2818-04	B-2-5-1	Water	Beryllium	12.6		0.56	6.00	ug/L
Q2818-04	B-2-5-1	Water	Mercury	0.53		0.076	0.20	ug/L
Client ID : B-3-5-2								
Q2818-05	B-3-5-2	Water	Beryllium	14.4		0.56	6.00	ug/L
Q2818-05	B-3-5-2	Water	Mercury	0.76		0.076	0.20	ug/L
Q2818-05	B-3-5-2	Water	Silver	6.92	J	1.62	10.0	ug/L