

Nortgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-21 (L_24F-2 (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L02154	2.0	ND	1	12/3/2008	12/3/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L02154	2.0	ND	1	12/3/2008	12/3/2008	
Surrogate: n-Octacosane (40-125%)				92 %				
Sample ID: IRL0275-22 (L_20G (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L02154	2.0	ND	1	12/3/2008	12/3/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L02154	2.0	ND	1	12/3/2008	12/3/2008	
Surrogate: n-Octacosane (40-125%)				58 %				
Sample ID: IRL0275-23 (L_20G (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/3/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/3/2008	
Surrogate: n-Octacosane (40-125%)				64 %				
Sample ID: IRL0275-24 (L_20G (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/3/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/3/2008	
Surrogate: n-Octacosane (40-125%)				81 %				
Sample ID: IRL0275-25 (L_19E-1 (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L02156	60	ND	30	12/3/2008	12/3/2008	RL2
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L02156	60	ND	30	12/3/2008	12/3/2008	
Surrogate: n-Octacosane (40-125%)				563 %				Z3
Sample ID: IRL0275-26 (L_19E-1 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/3/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/3/2008	
Surrogate: n-Octacosane (40-125%)				73 %				
Sample ID: IRL0275-27 (L_19E-1 (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/3/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/3/2008	
Surrogate: n-Octacosane (40-125%)				76 %				

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Report Number: IRL0275

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Received: 12/02/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-28 (L_19E-2 (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L02156	20	ND	10	12/3/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L02156	20	ND	10	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)				*				
Sample ID: IRL0275-29 (L_19E-2 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)				73 %				Z3
Sample ID: IRL0275-30 (L_19E-2 (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)				76 %				RL2
Sample ID: IRL0275-31 (L_23C (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L02156	20	ND	10	12/3/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L02156	20	ND	10	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)				88 %				Z3
Sample ID: IRL0275-32 (L_23C (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)				87 %				
Sample ID: IRL0275-33 (L_23C (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/3/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L02156	2.0	ND	1	12/3/2008	12/3/2008	
Surrogate: n-Octacosane (40-125%)				79 %				

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-01 (L_FRA-1 (4-5) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03017	1.9	ND	0.926	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03017	1.9	ND	0.926	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03017	1.9	3.0	0.926	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03017	1.9	3.7	0.926	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03017	1.9	2.0	0.926	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03017	3.7	5.7	0.926	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)				80 %				
Surrogate: Toluene-d8 (80-120%)				108 %				
				78 %				

Z

Sample ID: IRL0275-02 (L_FRA-1 (9-10) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03017	2.1	ND	1.07	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03017	2.1	ND	1.07	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03017	2.1	ND	1.07	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03017	2.1	ND	1.07	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03017	2.1	ND	1.07	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03017	4.3	ND	1.07	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)				96 %				
Surrogate: Toluene-d8 (80-120%)				91 %				
				95 %				

Sample ID: IRL0275-05 (L_FRA-2 (4-5) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03017	2.5	ND	1.27	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03017	2.5	ND	1.27	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03017	2.5	ND	1.27	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03017	2.5	ND	1.27	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03017	2.5	ND	1.27	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03017	5.1	ND	1.27	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)				93 %				
Surrogate: Toluene-d8 (80-120%)				93 %				
				94 %				

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Sampled: 12/02/08
Received: 12/02/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-06 (L_FRA-2 (9-10) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03017	1.9	ND	0.935	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03017	1.9	ND	0.935	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03017	1.9	ND	0.935	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03017	1.9	ND	0.935	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03017	1.9	ND	0.935	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03017	3.7	ND	0.935	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)				92 %				
Surrogate: Toluene-d8 (80-120%)				95 %				
				94 %				

Sample ID: IRL0275-07 (L_FRA-2 (14-15) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03017	1.6	ND	0.795	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03017	1.6	ND	0.795	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03017	1.6	ND	0.795	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03017	1.6	ND	0.795	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03017	1.6	ND	0.795	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03017	3.2	ND	0.795	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)				94 %				
Surrogate: Toluene-d8 (80-120%)				92 %				
				94 %				

Sample ID: IRL0275-08 (L_FRA-2 (19-20) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03017	2.0	ND	0.988	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03017	2.0	ND	0.988	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03017	2.0	ND	0.988	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03017	2.0	ND	0.988	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03017	2.0	ND	0.988	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03017	4.0	ND	0.988	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)				93 %				
Surrogate: Toluene-d8 (80-120%)				94 %				
				94 %				

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Sampled: 12/02/08
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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-09 (L_FRA-3 (4-5) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03034	1.8	ND	0.907	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03034	1.8	ND	0.907	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03034	1.8	4.5	0.907	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03034	1.8	ND	0.907	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03034	1.8	ND	0.907	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03034	3.6	ND	0.907	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				76 %				
Surrogate: Dibromofluoromethane (80-135%)				106 %				
Surrogate: Toluene-d8 (80-120%)				80 %				

Sample ID: IRL0275-10 (L_FRA-3 (9-10) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03017	1.9	ND	0.949	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03017	1.9	ND	0.949	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03017	1.9	4.9	0.949	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03017	1.9	ND	0.949	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03017	1.9	ND	0.949	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03017	3.8	ND	0.949	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				83 %				
Surrogate: Dibromofluoromethane (80-135%)				106 %				
Surrogate: Toluene-d8 (80-120%)				81 %				

Sample ID: IRL0275-13 (L_ET (4-5) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03017	1.8	ND	0.888	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03017	1.8	ND	0.888	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03017	1.8	ND	0.888	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03017	1.8	ND	0.888	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03017	1.8	ND	0.888	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03017	3.6	ND	0.888	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				94 %				
Surrogate: Dibromofluoromethane (80-135%)				89 %				
Surrogate: Toluene-d8 (80-120%)				94 %				

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-14 (L_ET (10-11) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03017	1.9	ND	0.947	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03017	1.9	ND	0.947	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03017	1.9	ND	0.947	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03017	1.9	ND	0.947	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03017	1.9	ND	0.947	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03017	3.8	ND	0.947	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				92 %				
Surrogate: Toluene-d8 (80-120%)				94 %				

Sample ID: IRL0275-15 (L_ET (0-1) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03034	1.8	ND	0.919	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03034	1.8	ND	0.919	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03034	1.8	ND	0.919	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03034	1.8	ND	0.919	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03034	1.8	ND	0.919	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03034	3.7	ND	0.919	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				80 %				
Surrogate: Dibromofluoromethane (80-135%)				110 %				
Surrogate: Toluene-d8 (80-120%)				81 %				

Sample ID: IRL0275-16 (L_24F-1 (0-1) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03034	1.7	ND	0.865	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03034	1.7	ND	0.865	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03034	1.7	ND	0.865	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03034	1.7	ND	0.865	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03034	1.7	ND	0.865	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03034	3.5	ND	0.865	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				99 %				
Surrogate: Toluene-d8 (80-120%)				97 %				

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Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-17 (L_24F-1 (S-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03034	2.0	ND	0.99	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03034	2.0	ND	0.99	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03034	2.0	ND	0.99	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03034	2.0	ND	0.99	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03034	2.0	ND	0.99	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03034	4.0	ND	0.99	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				94 %				
Surrogate: Dibromofluoromethane (80-135%)				97 %				
Surrogate: Toluene-d8 (80-120%)				94 %				
Sample ID: IRL0275-18 (L_24F-1 (10-11) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03016	2.1	ND	1.04	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03016	2.1	ND	1.04	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03016	2.1	ND	1.04	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03016	2.1	ND	1.04	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03016	2.1	ND	1.04	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03016	4.1	ND	1.04	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				94 %				
Surrogate: Dibromofluoromethane (80-135%)				94 %				
Surrogate: Toluene-d8 (80-120%)				97 %				
Sample ID: IRL0275-19 (L_24F-2 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03016	1.8	ND	0.906	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03016	1.8	ND	0.906	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03016	1.8	ND	0.906	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03016	1.8	ND	0.906	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03016	1.8	ND	0.906	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03016	3.6	ND	0.906	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				63 %				Z
Surrogate: Dibromofluoromethane (80-135%)				119 %				Z
Surrogate: Toluene-d8 (80-120%)				71 %				

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Norgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-20 (L_24F-2 (S-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03016	2.0	ND	1.01	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03016	2.0	ND	1.01	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03016	2.0	ND	1.01	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03016	2.0	ND	1.01	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03016	2.0	ND	1.01	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03016	4.0	ND	1.01	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				94 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				97 %				
Sample ID: IRL0275-21 (L_24F-2 (10-11) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03016	1.8	ND	0.923	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03016	1.8	ND	0.923	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03016	1.8	ND	0.923	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03016	1.8	ND	0.923	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03016	1.8	ND	0.923	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03016	3.7	ND	0.923	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				95 %				
Surrogate: Toluene-d8 (80-120%)				97 %				
Sample ID: IRL0275-22 (L_20G (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03016	1.9	ND	0.938	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03016	1.9	ND	0.938	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03016	1.9	ND	0.938	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03016	1.9	ND	0.938	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03016	1.9	ND	0.938	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03016	3.8	ND	0.938	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				89 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				96 %				

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-23 (L_20G (S-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03016	1.8	ND	0.896	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03016	1.8	ND	0.896	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03016	1.8	ND	0.896	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03016	1.8	ND	0.896	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03016	1.8	ND	0.896	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03016	3.6	ND	0.896	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				96 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				95 %				

Sample ID: IRL0275-24 (L_20G (10-11) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03016	1.7	ND	0.874	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03016	1.7	ND	0.874	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03016	1.7	ND	0.874	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03016	1.7	ND	0.874	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03016	1.7	ND	0.874	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03016	3.5	ND	0.874	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				97 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				97 %				

Sample ID: IRL0275-25 (L_19E-1 (0-1) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03016	1.8	ND	0.888	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03016	1.8	ND	0.888	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03016	1.8	ND	0.888	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03016	1.8	ND	0.888	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03016	1.8	ND	0.888	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03016	3.6	ND	0.888	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				94 %				
Surrogate: Dibromofluoromethane (80-135%)				101 %				
Surrogate: Toluene-d8 (80-120%)				98 %				

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Northgate Environmental Management
1100 Quail Street Suite 102
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Project ID: Solar Energy Generating System
2024 01 01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-26 (L_19E-1 (S-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03016	2.2	ND	1.11	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03016	2.2	ND	1.11	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03016	2.2	ND	1.11	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03016	2.2	ND	1.11	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03016	2.2	ND	1.11	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03016	4.5	ND	1.11	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				96 %				
Surrogate: Dibromofluoromethane (80-135%)				99 %				
Surrogate: Toluene-d8 (80-120%)				97 %				

Sample ID: IRL0275-27 (L_19E-1 (10-11) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03016	2.3	ND	1.14	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03016	2.3	ND	1.14	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03016	2.3	ND	1.14	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03016	2.3	ND	1.14	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03016	2.3	ND	1.14	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03016	4.6	ND	1.14	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				98 %				
Surrogate: Dibromofluoromethane (80-135%)				100 %				
Surrogate: Toluene-d8 (80-120%)				96 %				

Sample ID: IRL0275-28 (L_19E-2 (0-1) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03016	1.6	ND	0.824	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03016	1.6	ND	0.824	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03016	1.6	ND	0.824	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03016	1.6	ND	0.824	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03016	1.6	ND	0.824	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03016	3.3	ND	0.824	12/3/2008	12/3/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				75 %				
Surrogate: Dibromofluoromethane (80-135%)				108 %				
Surrogate: Toluene-d8 (80-120%)				81 %				

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THE LEADER IN ENVIRONMENTAL TESTING

17461 Delarian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick WillisProject ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275Sampled: 12/02/08
Received: 12/02/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-29 (I_19E-2 (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03017	2.1	ND	1.03	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03017	2.1	ND	1.03	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03017	2.1	ND	1.03	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03017	2.1	ND	1.03	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03017	2.1	ND	1.03	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03017	4.1	93 %				
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								

Sample ID: IRL0275-30 (I_19E-2 (10-11) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03017	1.7	ND	0.831	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03017	1.7	ND	0.831	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03017	1.7	ND	0.831	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03017	1.7	ND	0.831	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03017	1.7	ND	0.831	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03017	3.3	91 %				
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								

Sample ID: IRL0275-31 (I_23C (0-1) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03034	1.6	ND	0.812	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03034	1.6	ND	0.812	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03034	1.6	ND	0.812	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03034	1.6	ND	0.812	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03034	1.6	ND	0.812	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03034	3.2	96 %				
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick WillisProject ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275Sampled: 12/02/08
Received: 12/02/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-32 (I_23C (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03034	2.0	ND	0.98	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03034	2.0	ND	0.98	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03034	2.0	ND	0.98	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03034	2.0	ND	0.98	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03034	2.0	ND	0.98	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03034	3.9	97 %				
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								

Sample ID: IRL0275-33 (I_23C (10-11) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L03034	1.9	ND	0.952	12/3/2008	12/3/2008	
Ethylbenzene	EPA 8260B	8L03034	1.9	ND	0.952	12/3/2008	12/3/2008	
Toluene	EPA 8260B	8L03034	1.9	ND	0.952	12/3/2008	12/3/2008	
m,p-Xylenes	EPA 8260B	8L03034	1.9	ND	0.952	12/3/2008	12/3/2008	
o-Xylene	EPA 8260B	8L03034	1.9	ND	0.952	12/3/2008	12/3/2008	
Xylenes, Total	EPA 8260B	8L03034	3.8	93 %				
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								

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Northgate Environmental Management
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Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-01 (L_FRA-1 (4-5) - Soil)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	RL2
Acenaphthylene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Aniline	EPA 8270C	8L03070	1700	ND	4	12/3/2008	12/3/2008	
Anthracene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Benzo(a)anthracene	EPA 8270C	8L03070	2600	ND	4	12/3/2008	12/3/2008	
Benzo(a)pyrene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Benzo(b)fluoranthene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Benzo(e)fluoranthene	EPA 8270C	8L03070	1300	1700	4	12/3/2008	12/3/2008	
Benzo(k)fluoranthene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Benzofuran	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Benzonitrile	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Benzothiazole	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Benzotriazole	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Benzyl alcohol	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Butyl benzyl phthalate	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
4-Chloro-3-methylphenol	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
4-Chloroaniline	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
4-Chlorophenol	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Chrysene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Dibenz(a,h)anthracene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Dibenzofuran	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Di-n-butyl phthalate	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
1,2-Dichlorobenzene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
1,3-Dichlorobenzene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
1,4-Dichlorobenzene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8L03070	3300	ND	4	12/3/2008	12/3/2008	
2,4-Dichlorophenol	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Diethyl phthalate	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
2,4-Dimethylphenol	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Dimethyl phthalate	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8L03070	1700	ND	4	12/3/2008	12/3/2008	
2,4-Dinitrophenol	EPA 8270C	8L03070	2600	ND	4	12/3/2008	12/3/2008	
2,4-Dinitrotoluene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
2,6-Dinitrotoluene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Di-n-octyl phthalate	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-01 (L_FRA-1 (4-5) - Soil) - cont.								
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	RL2
Fluorene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Hexachlorobenzene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Hexachlorobutadiene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Hexachlorocyclopentadiene	EPA 8270C	8L03070	3300	ND	4	12/3/2008	12/3/2008	
Hexachloroethane	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Isophorone	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
2-Methylnaphthalene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
2-Methylphenol	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
4-Methylphenol	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Naphthalene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
3-Nitroaniline	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
4-Nitroaniline	EPA 8270C	8L03070	3300	ND	4	12/3/2008	12/3/2008	
Nitrobenzene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
2-Nitrophenol	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
4-Nitrophenol	EPA 8270C	8L03070	3300	ND	4	12/3/2008	12/3/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8L03070	1000	ND	4	12/3/2008	12/3/2008	
N-Nitrosodimethylamine	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
N-Nitrosodiphenylamine	EPA 8270C	8L03070	3300	ND	4	12/3/2008	12/3/2008	
Pentafluorophenol	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Phenanthrene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Phenol	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Pyrene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
2,4,5-Trichlorophenol	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
2,4,6-Trichlorophenol	EPA 8270C	8L03070	1300	ND	4	12/3/2008	12/3/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)								
Surrogate: 2-Fluorobiphenyl (35-120%)								
Surrogate: 2-Fluorophenol (25-120%)								
Surrogate: Nitrobenzene-d5 (30-120%)								
Surrogate: Phenol-d6 (35-120%)								
Surrogate: Terphenyl-d14 (40-135%)								
				79 %				
				72 %				
				58 %				
				61 %				
				66 %				
				84 %				

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01 S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date Extracted	Data Qualifiers
Sample ID: IRL0275-02 (1 FRA-1 (9-10) - Soil)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Acenaphthylene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Aniline	EPA 8270C	8L03070	420	ND	1	12/3/2008	12/3/2008	
Anthracene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benidine	EPA 8270C	8L03070	660	ND	1	12/3/2008	12/3/2008	M2
Benzo(a)anthracene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzo(b)fluoranthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzo(e)pyrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzo(g,h,i)perylene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzo(k)fluoranthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzoic acid	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
Benzyl alcohol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Butyl benzyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Chloro-3-methylphenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Chloroaniline	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Chlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8L03070	170	ND	1	12/3/2008	12/3/2008	
2-Chlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Chrysene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Dibenz(a,h)anthracene	EPA 8270C	8L03070	420	ND	1	12/3/2008	12/3/2008	
Dibenzofuran	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Di-n-butyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,2-Dichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,3-Dichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,4-Dichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
3,3-Dichlorobenzidine	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,4-Dichlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Diethyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,4-Dimethylphenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Dimethyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8L03070	420	ND	1	12/3/2008	12/3/2008	
2,4-Dinitrophenol	EPA 8270C	8L03070	660	ND	1	12/3/2008	12/3/2008	
2,4-Dinitrotoluene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,6-Dinitrotoluene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Di-n-octyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01 S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date Extracted	Data Qualifiers
Sample ID: IRL0275-02 (1 FRA-1 (9-10) - Soil) - cont.								
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Fluorene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Hexachlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Hexachlorobutadiene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Hexachlorocyclopentadiene	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
Hexachloroethane	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Isophorone	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Methylnaphthalene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Methylphenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Methylphenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Naphthalene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Nitroaniline	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
3-Nitroaniline	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Nitroaniline	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Nitrobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Nitrophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Nitrophenol	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8L03070	250	ND	1	12/3/2008	12/3/2008	
N-Nitrosodimethylamine	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
N-Nitrosodiphenylamine	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Pentachlorophenol	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
Phenanthrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Phenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Pyrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,4,5-Trichlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,4,6-Trichlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Surrogate: 2,4,6-Trichlorophenol (35-125%)								
Surrogate: 2-Fluorobiphenyl (35-120%)								
Surrogate: 2-Fluorophenol (25-120%)								
Surrogate: Nitrobenzene-d5 (50-120%)								
Surrogate: Phenol-d6 (35-120%)								
Surrogate: Terphenyl-d14 (40-135%)								
				78 %				
				72 %				
				82 %				
				73 %				
				83 %				
				78 %				

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Project Manager

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date	Qualifiers
Sample ID: IRL0275-05 (1_FRA-2 (4-5) - Soil)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Acenaphthylene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Aniline	EPA 8270C	8L03070	420	ND	1	12/3/2008	12/3/2008	
Anthracene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzo(a)anthracene	EPA 8270C	8L03070	660	ND	1	12/3/2008	12/3/2008	
Benzo(a)pyrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzo(b)fluoranthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzo(g,h,i)perylene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzo(k)fluoranthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzofuran	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzonitrile	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzyl alcohol	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Butyl benzyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Chloro-3-methylphenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Chloroaniline	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Chloronaphthalene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Chlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Chrysene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Dibenz(a,h)anthracene	EPA 8270C	8L03070	420	ND	1	12/3/2008	12/3/2008	
Dibenzofuran	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Di-n-butyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,2-Dichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,3-Dichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,4-Dichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,4-Dichlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Diethyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Dimethyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8L03070	420	ND	1	12/3/2008	12/3/2008	
2,4-Dinitrophenol	EPA 8270C	8L03070	660	ND	1	12/3/2008	12/3/2008	
2,4-Dinitrotoluene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,6-Dinitrotoluene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Di-n-octyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date	Qualifiers
Sample ID: IRL0275-05 (1_FRA-2 (4-5) - Soil) - cont.								
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Fluorene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Hexachlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Hexachlorobutadiene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Hexachlorocyclopentadiene	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
Hexachloroethane	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Isophorone	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Methylnaphthalene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Methylphenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Methylphenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Naphthalene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Nitroaniline	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
3-Nitroaniline	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Nitroaniline	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
Nitrobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Nitrophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Nitrophenol	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8L03070	250	ND	1	12/3/2008	12/3/2008	
N-Nitrosodimethylamine	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
N-Nitrosodiphenylamine	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
Pentachlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Phenanthrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Phenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Pyrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,4,5-Trichlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,4,6-Trichlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				87 %				
Surrogate: 2-Fluorobiphenyl (35-120%)				78 %				
Surrogate: 2-Fluorophenol (25-120%)				87 %				
Surrogate: Nitrobenzene-d5 (30-120%)				75 %				
Surrogate: Phenol-d6 (35-120%)				90 %				
Surrogate: Terphenyl-d14 (40-135%)				87 %				

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NorGate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

17461 Delan Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/02/08
Received: 12/02/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-06 (L_FRA-2 (9-10) - Soil)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Acenaphthylene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Aniline	EPA 8270C	8L03070	420	ND	1	12/3/2008	12/3/2008	
Anthracene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzidine	EPA 8270C	8L03070	660	ND	1	12/3/2008	12/3/2008	
Benz(a)anthracene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benz(a)pyrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benz(b)fluoranthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benz(g,h,i)perylene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benz(k)fluoranthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzoic acid	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
Benzyl alcohol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Butyl benzyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Chloro-3-methylphenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Chlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Chrysene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Chloronaphthalene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Chrysene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Dibenz(a,h)anthracene	EPA 8270C	8L03070	420	ND	1	12/3/2008	12/3/2008	
Dibenzofuran	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Di-n-butyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,2-Dichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,3-Dichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,4-Dichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
3,3-Dichlorobenzidine	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
2,4-Dichlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Diethyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,4-Dimethylphenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Dimethyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8L03070	420	ND	1	12/3/2008	12/3/2008	
2,4-Dinitrophenol	EPA 8270C	8L03070	660	ND	1	12/3/2008	12/3/2008	
2,4-Dinitrotoluene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,6-Dinitrotoluene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Di-n-octyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	

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Project Manager

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NorGate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

17461 Delan Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/02/08
Received: 12/02/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-06 (L_FRA-2 (9-10) - Soil) - cont.								
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Fluorene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Hexachlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Hexachlorobutadiene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Hexachlorocyclopentadiene	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
Hexachloroethane	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Isophorone	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Methylanthracene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Methylphenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Methylphenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Naphthalene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Nitroaniline	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
3-Nitroaniline	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Nitroaniline	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
Nitrobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Nitrophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Nitrophenol	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8L03070	250	ND	1	12/3/2008	12/3/2008	
N-Nitrosodimethylamine	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
N-Nitrosodiphenylamine	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
Pentachlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Phenanthrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Pyrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,4,5-Trichlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,4,6-Trichlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Surrogate: 2,4,6-Trichlorophenol (35-125%)				85 %				
Surrogate: 2-Fluorobiphenyl (35-120%)				76 %				
Surrogate: 2-Fluorophenol (25-120%)				87 %				
Surrogate: Nitrobenzene-d5 (30-120%)				77 %				
Surrogate: Phenol-d6 (35-120%)				89 %				
Surrogate: Terphenyl-d11 (40-135%)				90 %				

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

17461 Derrin Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/02/08
Received: 12/02/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Sample ID: IRL0275-09 (L_FRA-3 (4-5) - Soil)

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Qualifiers	Data
Acenaphthene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		RL2
Acenaphthylene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Aniline	EPA 8270C	8L03070	3400	ND	8	12/3/2008	12/3/2008		
Anthracene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Benadine	EPA 8270C	8L03070	5300	ND	8	12/3/2008	12/3/2008		
Benzo(a)anthracene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Benzo(a)pyrene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Benzo(b)fluoranthene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Benzo(g,h,i)perylene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Benzo(k)fluoranthene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Benzoic acid	EPA 8270C	8L03070	6600	ND	8	12/3/2008	12/3/2008		
Benzyl alcohol	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
4-Bromophenyl phenyl ether	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Butyl benzyl phthalate	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
4-Chloro-3-methylphenol	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
4-Chloroaniline	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Bis(2-chloroethoxy)methane	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Bis(2-chloroethyl)ether	EPA 8270C	8L03070	1400	ND	8	12/3/2008	12/3/2008		
Bis(2-chloroisopropyl)ether	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
2-Chloronaphthalene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
2-Chlorophenol	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
4-Chlorophenyl phenyl ether	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Chrysene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Dibenz(a,h)anthracene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Dibenzofuran	EPA 8270C	8L03070	3400	ND	8	12/3/2008	12/3/2008		
Di-n-butyl phthalate	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
1,2-Dichlorobenzene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
1,3-Dichlorobenzene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
1,4-Dichlorobenzene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
3,3'-Dichlorobenzidine	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
2,4-Dichlorophenol	EPA 8270C	8L03070	6600	ND	8	12/3/2008	12/3/2008		
Diethyl phthalate	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
2,4-Dimethylphenol	EPA 8270C	8L03070	3400	ND	8	12/3/2008	12/3/2008		
Dimethyl phthalate	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
4,6-Dinitro-2-methylphenol	EPA 8270C	8L03070	5300	ND	8	12/3/2008	12/3/2008		
2,4-Dinitrophenol	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
2,4-Dinitrotoluene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Di-n-octyl phthalate	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
1,2-Diphenylhydrazine/Azo benzene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Bis(2-ethylhexyl)phthalate	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

17461 Derrin Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/02/08
Received: 12/02/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Sample ID: IRL0275-09 (L_FRA-3 (4-5) - Soil) - cont.

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Qualifiers	Data
Fluoranthene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		RL2
Fluorene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Hexachlorobenzene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Hexachlorobutadiene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Hexachlorocyclopentadiene	EPA 8270C	8L03070	6600	ND	8	12/3/2008	12/3/2008		
Hexachloroethane	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Indeno(1,2,3-cd)pyrene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Isoptrene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
2-Methylnaphthalene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
2-Methylphenol	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
4-Methylphenol	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Naphthalene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
3-Nitroaniline	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
4-Nitroaniline	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Nitrobenzene	EPA 8270C	8L03070	6600	ND	8	12/3/2008	12/3/2008		
2-Nitrophenol	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
4-Nitrophenol	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
N-Nitroso-di-n-propylamine	EPA 8270C	8L03070	2000	ND	8	12/3/2008	12/3/2008		
N-Nitrosodimethylamine	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
N-Nitrosodiphenylamine	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Pentachlorophenol	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Phenanthrene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Pyrene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
1,2,4-Trichlorobenzene	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
2,4,5-Trichlorophenol	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
2,4,6-Trichlorophenol	EPA 8270C	8L03070	2600	ND	8	12/3/2008	12/3/2008		
Surrogate: 2,4,6-Trichlorophenol (35-125%)				94 %					
Surrogate: 2-Fluorobiphenyl (35-120%)				77 %					
Surrogate: 2-Fluorophenol (25-120%)				58 %					
Surrogate: Nitrobenzene-45 (30-120%)				61 %					
Surrogate: Phenol-46 (35-120%)				66 %					
Surrogate: Terphenyl-d14 (40-135%)				89 %					

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01 S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-10 (L FRA-3 (9-10) - Soil)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Acenaphthylene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Aniline	EPA 8270C	8L03070	420	ND	1	12/3/2008	12/3/2008	
Anthracene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benidine	EPA 8270C	8L03070	660	ND	1	12/3/2008	12/3/2008	
Benzo(a)anthracene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzo(a)pyrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzo(b)fluoranthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzo(g,h,i)perylene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzo(k)fluoranthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Benzoic acid	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
Benzyl alcohol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Butyl benzyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Chloro-3-methylphenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Chloroaniline	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8L03070	170	ND	1	12/3/2008	12/3/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Chloronaphthalene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Chlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Chrysene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Dibenz(a,h)anthracene	EPA 8270C	8L03070	420	ND	1	12/3/2008	12/3/2008	
Dibenzofuran	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Di-n-butyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,2-Dichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,3-Dichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,4-Dichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
2,4-Dichlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Diethyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,4-Dimethylphenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Dimethyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8L03070	420	ND	1	12/3/2008	12/3/2008	
2,4-Dinitrophenol	EPA 8270C	8L03070	660	ND	1	12/3/2008	12/3/2008	
2,4-Dinitrotoluene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Di-n-octyl phthalate	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8L03070	330	640	1	12/3/2008	12/3/2008	

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01 S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-10 (L FRA-3 (9-10) - Soil) - cont.								
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Fluorene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Hexachlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Hexachlorobutadiene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Hexachlorocyclopentadiene	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
Hexachloroethane	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Isophorone	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Methylnaphthalene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Methylphenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Methylphenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Naphthalene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Nitroaniline	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
3-Nitroaniline	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Nitroaniline	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
Nitrobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2-Nitrophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
4-Nitrophenol	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8L03070	250	ND	1	12/3/2008	12/3/2008	
N-Nitrosodimethylamine	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
N-Nitrosodiphenylamine	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Pentachlorophenol	EPA 8270C	8L03070	830	ND	1	12/3/2008	12/3/2008	
Phenanthrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Phenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Pyrene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,4,5-Trichlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
2,4,6-Trichlorophenol	EPA 8270C	8L03070	330	ND	1	12/3/2008	12/3/2008	
Surrogate: 2,4,6-Trichlorophenol (35-125%)				87 %				
Surrogate: 2-Fluorobiphenyl (35-120%)				79 %				
Surrogate: 2-Fluorophenol (25-120%)				76 %				
Surrogate: Nitrobenzene-d5 (30-120%)				72 %				
Surrogate: Phenol-d6 (35-120%)				80 %				
Surrogate: Terphenyl-d14 (40-135%)				90 %				

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/02/08
Received: 12/02/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-01 (L_FRA-1 (4-5) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L02153	50	6500	10	100	12/2/2008	12/4/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L02153	35	ND	10	N/A	12/2/2008	12/4/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L02153	35	54	10	1	12/2/2008	12/4/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L02153	35	130	10	2	12/2/2008	12/4/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L02153	35	200	10	3	12/2/2008	12/4/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L02153	35	370	10	6	12/2/2008	12/4/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L02153	35	580	10	9	12/2/2008	12/4/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L02153	35	830	10	13	12/2/2008	12/4/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L02153	35	590	10	9	12/2/2008	12/4/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L02153	35	1200	10	18	12/2/2008	12/4/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L02153	35	920	10	14	12/2/2008	12/4/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L02153	35	760	10	12	12/2/2008	12/4/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02153	35	420	10	6	12/2/2008	12/4/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02153	35	270	10	4	12/2/2008	12/4/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02153	35	110	10	2	12/2/2008	12/4/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02153	35	ND	10	N/A	12/2/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)									
				1430 %					

Z3

Sample ID: IRL0275-02 (L_FRA-1 (9-10) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L02153	5.0	7.6	1	100	12/2/2008	12/3/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
Surrogate: n-Octacosane (40-125%)									
				73 %					

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Patty Mata
Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/02/08
Received: 12/02/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-05 (L_FRA-2 (4-5) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L02153	5.0	ND	0.999	N/A	12/2/2008	12/3/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008	
Surrogate: n-Octacosane (40-125%)									
				78 %					

Sample ID: IRL0275-06 (L_FRA-2 (9-10) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L02153	5.0	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	

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Project Manager

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Northgate Environmental Management

1100 Quail Street Suite 102

Newport Beach, CA 92660

Attention: Derrick Willis

Project ID: Solar Energy Generating System

2024.01.01S-01

Report Number: IRL0275

Sampled: 12/02/08

Received: 12/02/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date Extracted	Data Qualifiers
Sample ID: IRL0275-06 (I_FRA-2 (9-10) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0275-09 (I_FRA-3 (4-5) - Soil)								
Reporting Units: mg/kg								
EFH (C13 - C44)	EPA 8015 MOD.	8L02153	100	8100	20	100	12/2/2008	12/4/2008
EFH (C13 - C14)	EPA 8015 MOD.	8L02153	70	ND	20	N/A	12/2/2008	12/4/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L02153	70	ND	20	N/A	12/2/2008	12/4/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L02153	70	160	20	2	12/2/2008	12/4/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L02153	70	250	20	3	12/2/2008	12/4/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L02153	70	490	20	6	12/2/2008	12/4/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L02153	70	700	20	9	12/2/2008	12/4/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L02153	70	1000	20	12	12/2/2008	12/4/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L02153	70	720	20	9	12/2/2008	12/4/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L02153	70	1700	20	21	12/2/2008	12/4/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L02153	70	960	20	12	12/2/2008	12/4/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L02153	70	970	20	12	12/2/2008	12/4/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L02153	70	420	20	5	12/2/2008	12/4/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L02153	70	350	20	4	12/2/2008	12/4/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L02153	70	210	20	3	12/2/2008	12/4/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L02153	70	ND	20	N/A	12/2/2008	12/4/2008
Surrogate: n-Octacosane (40-125%)				1050 %				

Sample ID: IRL0275-10 (I_FRA-3 (9-10) - Soil)

Reporting Units: mg/kg

Surrogate: n-Octacosane (40-125%)

EFH (C13 - C44)	EPA 8015 MOD.	8L02153	50	580	10	100	12/2/2008	12/4/2008
EFH (C13 - C14)	EPA 8015 MOD.	8L02153	35	ND	10	N/A	12/2/2008	12/4/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L02153	35	ND	10	N/A	12/2/2008	12/4/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L02153	35	ND	10	N/A	12/2/2008	12/4/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L02153	35	ND	10	N/A	12/2/2008	12/4/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L02153	35	35	10	6	12/2/2008	12/4/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L02153	35	55	10	9	12/2/2008	12/4/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L02153	35	78	10	8	12/2/2008	12/4/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L02153	35	100	10	17	12/2/2008	12/4/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L02153	35	81	10	14	12/2/2008	12/4/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L02153	35	56	10	10	12/2/2008	12/4/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L02153	35	41	10	7	12/2/2008	12/4/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L02153	35	ND	10	N/A	12/2/2008	12/4/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L02153	35	ND	10	N/A	12/2/2008	12/4/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L02153	35	ND	10	N/A	12/2/2008	12/4/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L02153	35	ND	10	N/A	12/2/2008	12/4/2008

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Project Manager

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Northgate Environmental Management

1100 Quail Street Suite 102

Newport Beach, CA 92660

Attention: Derrick Willis

Project ID: Solar Energy Generating System

2024.01.01S-01

Report Number: IRL0275

Sampled: 12/02/08

Received: 12/02/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date Extracted	Data Qualifiers
Sample ID: IRL0275-10 (I_FRA-3 (9-10) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0275-13 (I_ET (4-5) - Soil)								
Reporting Units: mg/kg								
EFH (C13 - C44)	EPA 8015 MOD.	8L02153	5.0	ND	1	N/A	12/2/2008	12/3/2008
EFH (C13 - C14)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
Surrogate: n-Octacosane (40-125%)				77 %				

Sample ID: IRL0275-14 (I_ET (10-11) - Soil)

Reporting Units: mg/kg

Surrogate: n-Octacosane (40-125%)

EFH (C13 - C44)	EPA 8015 MOD.	8L02153	5.0	ND	1	N/A	12/2/2008	12/3/2008
EFH (C13 - C14)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-14 (L ET (10-11) - Soil) - cont.								
Reporting Units: mg/kg								
EFH (C37 - C38)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
Surrogate: n-Octadecane (40-125%)								
54 %								

Sample ID: IRL0275-15 (L ET (0-1) - Soil)

Reporting Units: mg/kg								
EFH (C13 - C44)	EPA 8015 MOD.	8L02153	25	350	5	100	12/2/2008	12/4/2008
EFH (C13 - C14)	EPA 8015 MOD.	8L02153	17	ND	5	N/A	12/2/2008	12/4/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L02153	17	ND	5	N/A	12/2/2008	12/4/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L02153	17	ND	5	N/A	12/2/2008	12/4/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L02153	17	ND	5	N/A	12/2/2008	12/4/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L02153	17	ND	5	N/A	12/2/2008	12/4/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L02153	17	28	5	8	12/2/2008	12/4/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L02153	17	41	5	12	12/2/2008	12/4/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L02153	17	30	5	9	12/2/2008	12/4/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L02153	17	80	5	23	12/2/2008	12/4/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L02153	17	41	5	12	12/2/2008	12/4/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L02153	17	52	5	15	12/2/2008	12/4/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L02153	17	19	5	5	12/2/2008	12/4/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L02153	17	20	5	6	12/2/2008	12/4/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L02153	17	ND	5	N/A	12/2/2008	12/4/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L02153	17	ND	5	N/A	12/2/2008	12/4/2008
Surrogate: n-Octadecane (40-125%)								
233 %								

Sample ID: IRL0275-16 (L 24F-1 (0-1) - Soil)

Reporting Units: mg/kg								
EFH (C13 - C44)	EPA 8015 MOD.	8L02153	100	16000	20	100	12/2/2008	12/4/2008
EFH (C13 - C14)	EPA 8015 MOD.	8L02153	70	ND	20	N/A	12/2/2008	12/4/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L02153	70	110	20	1	12/2/2008	12/4/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L02153	70	210	20	1	12/2/2008	12/4/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L02153	70	380	20	2	12/2/2008	12/4/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L02153	70	850	20	5	12/2/2008	12/4/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L02153	70	1400	20	9	12/2/2008	12/4/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L02153	70	2200	20	14	12/2/2008	12/4/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L02153	70	1700	20	11	12/2/2008	12/4/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L02153	70	3500	20	22	12/2/2008	12/4/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L02153	70	2400	20	15	12/2/2008	12/4/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L02153	70	1200	20	8	12/2/2008	12/4/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L02153	70	1200	20	8	12/2/2008	12/4/2008

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-16 (L 24F-1 (0-1) - Soil) - cont.								
Reporting Units: mg/kg								
EFH (C37 - C38)	EPA 8015 MOD.	8L02153	70	620	20	4	12/2/2008	12/4/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L02153	70	200	20	1	12/2/2008	12/4/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L02153	70	ND	20	N/A	12/2/2008	12/4/2008
Surrogate: n-Octadecane (40-125%)								
140 %								

Sample ID: IRL0275-17 (L 24F-1 (5-6) - Soil)

Reporting Units: mg/kg								
EFH (C13 - C44)	EPA 8015 MOD.	8L02153	5.0	ND	0.999	N/A	12/2/2008	12/3/2008
EFH (C13 - C14)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L02153	3.5	ND	0.999	N/A	12/2/2008	12/3/2008
Surrogate: n-Octadecane (40-125%)								
77 %								

Sample ID: IRL0275-18 (L 24F-1 (10-11) - Soil)

Reporting Units: mg/kg								
EFH (C13 - C44)	EPA 8015 MOD.	8L02153	5.0	ND	1	N/A	12/2/2008	12/3/2008
EFH (C13 - C14)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008

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Northgate Environmental Management

1100 Quail Street, Suite 102

Newport Beach, CA 92660

Attention: Derrick Willis

Project ID: Solar Energy Generating System

2024.01.01S-01

Report Number: IRL0275

Sampled: 12/02/08

Received: 12/02/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-18 (L 24F-1) (10-11) - Soil - cont.									
Reporting Units: mg/kg									
EFH (C31 - C32)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
Surrogate: n-Octadecane (40-125%)									
Sample ID: IRL0275-19 (L 24F-2 (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L02153	100	15000	20	100	12/2/2008	12/4/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L02153	70	ND	20	N/A	12/2/2008	12/4/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L02153	70	100	20	1	12/2/2008	12/4/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L02153	70	200	20	1	12/2/2008	12/4/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L02153	70	330	20	2	12/2/2008	12/4/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L02153	70	810	20	5	12/2/2008	12/4/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L02153	70	1400	20	9	12/2/2008	12/4/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L02153	70	2300	20	15	12/2/2008	12/4/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L02153	70	1300	20	9	12/2/2008	12/4/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L02153	70	3100	20	21	12/2/2008	12/4/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L02153	70	1500	20	10	12/2/2008	12/4/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02153	70	1800	20	12	12/2/2008	12/4/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02153	70	1300	20	9	12/2/2008	12/4/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02153	70	660	20	4	12/2/2008	12/4/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02153	70	330	20	2	12/2/2008	12/4/2008	
Surrogate: n-Octadecane (40-125%)									
				2080 %					

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Northgate Environmental Management

1100 Quail Street, Suite 102

Newport Beach, CA 92660

Attention: Derrick Willis

Project ID: Solar Energy Generating System

2024.01.01S-01

Report Number: IRL0275

Sampled: 12/02/08

Received: 12/02/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-20 (L 24F-2 (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L02153	5.0	6.1	1	100	12/2/2008	12/4/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/4/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/4/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/4/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/4/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/4/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/4/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/4/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/4/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/4/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/4/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/4/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/4/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/4/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/4/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/4/2008	
Surrogate: n-Octadecane (40-125%)									
				88 %					
Sample ID: IRL0275-21 (L 24F-2 (10-11) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L02153	5.0	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02153	3.5	ND	1	N/A	12/2/2008	12/3/2008	

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Nortgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01 S-01
Report Number: IRL0275

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/02/08
Received: 12/02/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-21 (L 24F-2 (10-11) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0275-22 (L 20G (0-1) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
EPA 8015 MOD.	8L02153	25	5	730	100	12/2/2008	12/4/2008	
EFH (C13 - C44)	8L02153	18	ND	ND	5	12/2/2008	12/4/2008	
EPA 8015 MOD.	8L02153	18	ND	ND	5	12/2/2008	12/4/2008	
EFH (C13 - C16)	8L02153	18	ND	ND	5	12/2/2008	12/4/2008	
EFH (C17 - C18)	8L02153	18	ND	ND	5	12/2/2008	12/4/2008	
EFH (C19 - C20)	8L02153	18	ND	ND	5	12/2/2008	12/4/2008	
EFH (C21 - C22)	8L02153	18	39	39	5	12/2/2008	12/4/2008	
EFH (C23 - C24)	8L02153	18	65	65	5	12/2/2008	12/4/2008	
EFH (C25 - C26)	8L02153	18	90	90	5	12/2/2008	12/4/2008	
EFH (C27 - C28)	8L02153	18	61	61	5	12/2/2008	12/4/2008	
EFH (C29 - C30)	8L02153	18	140	140	5	12/2/2008	12/4/2008	
EFH (C31 - C32)	8L02153	18	110	110	5	12/2/2008	12/4/2008	
EFH (C33 - C34)	8L02153	18	89	89	5	12/2/2008	12/4/2008	
EFH (C35 - C36)	8L02153	18	57	57	5	12/2/2008	12/4/2008	
EFH (C37 - C38)	8L02153	18	32	32	5	12/2/2008	12/4/2008	
EFH (C39 - C40)	8L02153	18	18	18	5	12/2/2008	12/4/2008	
EFH (C41 - C44)	8L02153	18	ND	ND	5	12/2/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0275-23 (L 20G (5-6) - Soil)								
Reporting Units: mg/kg								
EPA 8015 MOD.	8L02155	5.0	1	ND	N/A	12/3/2008	12/4/2008	
EFH (C13 - C14)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C15 - C16)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C17 - C18)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C19 - C20)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C21 - C22)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C23 - C24)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C25 - C26)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C27 - C28)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C29 - C30)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C31 - C32)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C33 - C34)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C35 - C36)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C37 - C38)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C39 - C40)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C41 - C44)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0275-24 (L 20G (10-11) - Soil)								
Reporting Units: mg/kg								
EPA 8015 MOD.	8L02155	5.0	1	ND	N/A	12/3/2008	12/4/2008	
EFH (C13 - C14)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C15 - C16)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C17 - C18)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C19 - C20)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C21 - C22)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C23 - C24)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C25 - C26)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C27 - C28)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C29 - C30)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C31 - C32)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C33 - C34)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C35 - C36)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C37 - C38)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C39 - C40)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C41 - C44)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)								

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Project Manager

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Nortgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01 S-01
Report Number: IRL0275

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/02/08
Received: 12/02/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-23 (L 20G (5-6) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0275-24 (L 20G (10-11) - Soil)								
Reporting Units: mg/kg								
EPA 8015 MOD.	8L02155	5.0	1	ND	N/A	12/3/2008	12/4/2008	
EFH (C13 - C14)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C15 - C16)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C17 - C18)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C19 - C20)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C21 - C22)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C23 - C24)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C25 - C26)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C27 - C28)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C29 - C30)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C31 - C32)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C33 - C34)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C35 - C36)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C37 - C38)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C39 - C40)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
EFH (C41 - C44)	8L02155	3.5	ND	ND	1	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0275-25 (L 19E-1 (0-1) - Soil)								
Reporting Units: mg/kg								
EPA 8015 MOD.	8L02155	200	40	21000	100	12/3/2008	12/4/2008	
EFH (C13 - C14)	8L02155	140	40	ND	N/A	12/3/2008	12/4/2008	
EFH (C15 - C16)	8L02155	140	40	ND	N/A	12/3/2008	12/4/2008	
EFH (C17 - C18)	8L02155	140	40	260	1	12/3/2008	12/4/2008	
EFH (C19 - C20)	8L02155	140	40	450	2	12/3/2008	12/4/2008	
EFH (C21 - C22)	8L02155	140	40	1100	5	12/3/2008	12/4/2008	
EFH (C23 - C24)	8L02155	140	40	1800	9	12/3/2008	12/4/2008	
EFH (C25 - C26)	8L02155	140	40	2700	13	12/3/2008	12/4/2008	
EFH (C27 - C28)	8L02155	140	40	1800	9	12/3/2008	12/4/2008	
EFH (C29 - C30)	8L02155	140	40	4000	19	12/3/2008	12/4/2008	
EFH (C31 - C32)	8L02155	140	40	3300	16	12/3/2008	12/4/2008	
EFH (C33 - C34)	8L02155	140	40	2300	11	12/3/2008	12/4/2008	
EFH (C35 - C36)	8L02155	140	40	1400	7	12/3/2008	12/4/2008	
EFH (C37 - C38)	8L02155	140	40	920	4	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)								

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date Extracted	Data Qualifiers
Sample ID: IRL0275-25 (L19E-1 (0-1) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C39 - C40)	EPA 8015 MOD.	8L02155	140	500	40	2	12/3/2008	12/4/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02155	140	ND	40	N/A	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-123%)									
38.00 %									

Sample ID: IRL0275-26 (L19E-1 (5-6) - Soil)

EFH (C13 - C44)	EPA 8015 MOD.	8L02155	5.0	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-123%)									
78 %									

Sample ID: IRL0275-27 (L19E-1 (10-11) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L02155	5.0	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date Extracted	Data Qualifiers
Sample ID: IRL0275-27 (L19E-1 (10-11) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C33 - C34)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-123%)									
82 %									

Sample ID: IRL0275-28 (L19E-2 (0-1) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L02155	50	10000	10	100	12/3/2008	12/4/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L02155	35	ND	10	N/A	12/3/2008	12/4/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L02155	35	60	10	1	12/3/2008	12/4/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L02155	35	130	10	1	12/3/2008	12/4/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L02155	35	230	10	2	12/3/2008	12/4/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L02155	35	580	10	6	12/3/2008	12/4/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L02155	35	1000	10	10	12/3/2008	12/4/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L02155	35	1500	10	15	12/3/2008	12/4/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L02155	35	1100	10	11	12/3/2008	12/4/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L02155	35	2400	10	24	12/3/2008	12/4/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L02155	35	1400	10	14	12/3/2008	12/4/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L02155	35	990	10	10	12/3/2008	12/4/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02155	35	330	10	3	12/3/2008	12/4/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02155	35	400	10	4	12/3/2008	12/4/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02155	35	190	10	2	12/3/2008	12/4/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02155	35	ND	10	N/A	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-123%)									
2080 %									

Sample ID: IRL0275-29 (L19E-2 (5-6) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L02155	5.0	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	

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Project Manager

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax (949) 260-3297

Sampled: 12/02/08
Received: 12/02/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-29 (1.19E-2 (5-6) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C31 - C32)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)									
91 %									
Sample ID: IRL0275-30 (1.19E-2 (10-11) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L02155	5.0	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)									
79 %									

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Project Manager

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax (949) 260-3297

Sampled: 12/02/08
Received: 12/02/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-31 (1.23C (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L02155	50	8500	10	100	12/3/2008	12/4/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L02155	35	ND	10	N/A	12/3/2008	12/4/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L02155	35	44	10	1	12/3/2008	12/4/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L02155	35	93	10	1	12/3/2008	12/4/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L02155	35	160	10	2	12/3/2008	12/4/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L02155	35	430	10	5	12/3/2008	12/4/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L02155	35	770	10	9	12/3/2008	12/4/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L02155	35	1200	10	14	12/3/2008	12/4/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L02155	35	900	10	11	12/3/2008	12/4/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L02155	35	1400	10	16	12/3/2008	12/4/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L02155	35	1200	10	14	12/3/2008	12/4/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02155	35	960	10	11	12/3/2008	12/4/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02155	35	650	10	8	12/3/2008	12/4/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02155	35	360	10	4	12/3/2008	12/4/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02155	35	180	10	2	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)									
2100 %									
Sample ID: IRL0275-32 (1.23C (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L02155	5.0	26	1	100	12/3/2008	12/4/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L02155	3.5	3.5	1	13	12/3/2008	12/4/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L02155	3.5	5.3	1	20	12/3/2008	12/4/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L02155	3.5	4.8	1	18	12/3/2008	12/4/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)									
112 %									

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THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management
1100 Quail Street Suite 102
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Attention: Derrick Willis

17461 Delian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy: Generating System
2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0275-33 (1.25C (10-11) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L02155	5.0	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L02155	3.5	ND	1	N/A	12/3/2008	12/4/2008	
Surrogate: n-Octacosane (40-25%)									
				98 %					

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Project ID: Solar Energy: Generating System
2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

METHOD BLANK/QC DATA

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	%REC	RPD	Limit	Data Qualifiers
Batch: 8L02154 Extracted: 12/03/08											
Blank Analyzed: 12/03/2008 (8L02154-BLK1)											
1,1'-Biphenyl	ND	2.0	mg/kg								
1,1'-Oxybibenzene	ND	2.0	mg/kg								
Surrogate: n-Octacosane	5.59		mg/kg	6.67		84	40-125				
LCS Analyzed: 12/03/2008 (8L02154-BS1)											
1,1'-Biphenyl	2.42	2.0	mg/kg	3.33		73	50-115				
1,1'-Oxybibenzene	2.44	2.0	mg/kg	3.33		73	50-115				
Surrogate: n-Octacosane	6.59		mg/kg	6.67		99	40-125				
Matrix Spike Analyzed: 12/03/2008 (8L02154-MS1)											
1,1'-Biphenyl	2.29	2.0	mg/kg	3.33	ND	69	35-120				
1,1'-Oxybibenzene	2.28	2.0	mg/kg	3.33	ND	68	35-120				
Surrogate: n-Octacosane	6.30		mg/kg	6.67		94	40-125				
Source: IRL0275-06											
Matrix Spike Dup Analyzed: 12/03/2008 (8L02154-MSD1)											
1,1'-Biphenyl	2.41	2.0	mg/kg	3.33	ND	72	35-120	5	30		
1,1'-Oxybibenzene	2.39	2.0	mg/kg	3.33	ND	72	35-120	5	30		
Surrogate: n-Octacosane	6.35		mg/kg	6.67		95	40-125				
Source: IRL0275-06											
Batch: 8L02156 Extracted: 12/03/08											
Blank Analyzed: 12/03/2008 (8L02156-BLK1)											
1,1'-Biphenyl	ND	2.0	mg/kg								
1,1'-Oxybibenzene	ND	2.0	mg/kg								
Surrogate: n-Octacosane	5.19		mg/kg	6.67		78	40-125				
LCS Analyzed: 12/03/2008 (8L02156-BS1)											
1,1'-Biphenyl	2.04	2.0	mg/kg	3.33		61	50-115				
1,1'-Oxybibenzene	2.05	2.0	mg/kg	3.33		62	50-115				
Surrogate: n-Octacosane	4.87		mg/kg	6.67		73	40-125				

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

METHOD BLANK/QC DATA

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 81.02156 Extracted: 12/03/08										
Matrix Spike Analyzed: 12/03/2008 (8L02156-MS1)										
1,1'-Biphenyl	2.04	2.0	mg/kg	3.33	ND	61	35-120			
1,1'-Oxybisbenzene	2.06	2.0	mg/kg	3.33	ND	62	35-120			
Surrogate: n-Octacosane	4.88		mg/kg	6.67		73	40-125			
Matrix Spike Dup Analyzed: 12/03/2008 (8L02156-MSD1)										
1,1'-Biphenyl	1.75	2.0	mg/kg	3.33	ND	52	35-120	15	30	
1,1'-Oxybisbenzene	1.75	2.0	mg/kg	3.33	ND	53	35-120	16	30	
Surrogate: n-Octacosane	4.30		mg/kg	6.67		64	40-125			
Source: IRL0275-27										

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2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 81.02153 Extracted: 12/02/08										
Blank Analyzed: 12/03/2008 (8L02153-BLK1)										
EFH (C13 - C44)	ND	5.0	mg/kg							
EFH (C13 - C28)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	4.66		mg/kg	6.67		70	40-125			
LCS Analyzed: 12/03/2008 (8L02153-BS1)										
EFH (C13 - C28)	16.2	5.0	mg/kg	25.0		65	45-115			
Surrogate: n-Octacosane	4.91		mg/kg	6.67		74	40-125			
Matrix Spike Analyzed: 12/03/2008 (8L02153-MS1)										
EFH (C13 - C44)	17.9	5.0	mg/kg	33.3	7.60	31	40-120			M2
Surrogate: n-Octacosane	4.99		mg/kg	6.67		75	40-125			
Source: IRL0275-02										
Matrix Spike Dup Analyzed: 12/03/2008 (8L02153-MSD1)										
EFH (C13 - C44)	21.1	5.0	mg/kg	33.3	7.60	41	40-120	17	30	
Surrogate: n-Octacosane	5.45		mg/kg	6.66		82	40-125			
Source: IRL0275-02										
Batch: 81.02155 Extracted: 12/02/08										
Blank Analyzed: 12/04/2008 (8L02155-BLK1)										
EFH (C13 - C44)	ND	5.0	mg/kg							
EFH (C13 - C28)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	6.21		mg/kg	6.67		93	40-125			
LCS Analyzed: 12/04/2008 (8L02155-BS1)										
EFH (C13 - C28)	18.5	5.0	mg/kg	25.0		74	45-115			
Surrogate: n-Octacosane	5.51		mg/kg	6.67		83	40-125			

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	Data Qualifiers
Batch: 8L02155 Extracted: 12/02/08									
Matrix Spike Analyzed: 12/04/2008 (8L02155-MS1)									
EFH (C13 - C44)	17.9	5.0	mg/kg	33.3	4.73	40	40-120		
Surrogate: n-Octacosane	5.22		mg/kg	6.67		78	40-125		
Matrix Spike Dup Analyzed: 12/04/2008 (8L02155-MSD1)									
EFH (C13 - C44)	18.9	5.0	mg/kg	33.3	4.73	43	40-120	5	30
Surrogate: n-Octacosane	5.66		mg/kg	6.67		85	40-125		

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2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	Data Qualifiers
Batch: 8L03016 Extracted: 12/03/08									
Blank Analyzed: 12/03/2008 (8L03016-BLK1)									
Benzene	ND	2.0	ug/kg						
Ethylbenzene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
Xylenes, Total	ND	4.0	ug/kg						
Surrogate: 4-Bromofluorobenzene	47.9		ug/kg	50.0		96	75-120		
Surrogate: Dibromofluoromethane	52.9		ug/kg	50.0		106	80-135		
Surrogate: Toluene-d8	48.4		ug/kg	50.0		97	80-120		
LCS Analyzed: 12/03/2008 (8L03016-BS1)									
Benzene	49.1	2.0	ug/kg	50.0		98	65-120		MNRI
Ethylbenzene	48.8	2.0	ug/kg	50.0		98	70-120		
Toluene	48.9	2.0	ug/kg	50.0		98	70-120		
m,p-Xylenes	98.5	2.0	ug/kg	100		98	65-120		
o-Xylene	50.7	2.0	ug/kg	50.0		101	70-125		
Xylenes, Total	149	4.0	ug/kg	150		99	65-125		
Surrogate: 4-Bromofluorobenzene	47.3		ug/kg	50.0		95	75-120		
Surrogate: Dibromofluoromethane	49.5		ug/kg	50.0		99	80-135		
Surrogate: Toluene-d8	49.5		ug/kg	50.0		99	80-120		
LCS Dup Analyzed: 12/03/2008 (8L03016-BSD1)									
Benzene	50.8	2.0	ug/kg	50.0		102	65-120	4	30
Ethylbenzene	52.5	2.0	ug/kg	50.0		105	70-120	7	30
Toluene	51.2	2.0	ug/kg	50.0		102	70-120	4	30
m,p-Xylenes	105	2.0	ug/kg	100		105	65-120	6	30
o-Xylene	53.6	2.0	ug/kg	50.0		107	70-125	5	30
Xylenes, Total	138	4.0	ug/kg	150		106	65-125	6	20
Surrogate: 4-Bromofluorobenzene	47.0		ug/kg	50.0		94	75-120		
Surrogate: Dibromofluoromethane	49.0		ug/kg	50.0		98	80-135		
Surrogate: Toluene-d8	48.3		ug/kg	50.0		97	80-120		

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	%REC	RPD Limit	Data Qualifiers
Batch: 8L03017 Extracted: 12/03/08									
Blank Analyzed: 12/03/2008 (8L03017-BLK1)									
Benzene	ND	2.0	ug/kg						
Ethylbenzene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
Xylenes, Total	ND	4.0	ug/kg						
Surrogate: 4-Bromofluorobenzene	46.6		ug/kg	50.0		93	75-120		
Surrogate: Dibromofluoromethane	47.7		ug/kg	50.0		95	80-135		
Surrogate: Toluene-d8	47.1		ug/kg	50.0		94	80-120		
LCS Analyzed: 12/03/2008 (8L03017-BL1)									
Benzene	43.5	2.0	ug/kg	50.0		87	65-120		MNRI
Ethylbenzene	46.8	2.0	ug/kg	50.0		94	70-120		
Toluene	44.2	2.0	ug/kg	50.0		88	70-120		
m,p-Xylenes	94.8	2.0	ug/kg	100		95	65-120		
o-Xylene	47.3	2.0	ug/kg	50.0		95	70-125		
Xylenes, Total	142	4.0	ug/kg	150		95	65-125		
Surrogate: 4-Bromofluorobenzene	47.6		ug/kg	50.0		95	75-120		
Surrogate: Dibromofluoromethane	48.1		ug/kg	50.0		96	80-135		
Surrogate: Toluene-d8	47.4		ug/kg	50.0		95	80-120		
LCS Dup Analyzed: 12/03/2008 (8L03017-BSD1)									
Benzene	42.6	2.0	ug/kg	50.0		85	65-120	2	30
Ethylbenzene	46.0	2.0	ug/kg	50.0		92	70-120	2	30
Toluene	43.1	2.0	ug/kg	50.0		86	70-120	2	30
m,p-Xylenes	93.6	2.0	ug/kg	100		94	65-120	1	30
o-Xylene	46.7	2.0	ug/kg	50.0		93	70-125	1	30
Xylenes, Total	140	4.0	ug/kg	150		94	65-125	1	20
Surrogate: 4-Bromofluorobenzene	47.5		ug/kg	50.0		95	75-120		
Surrogate: Dibromofluoromethane	49.0		ug/kg	50.0		98	80-135		
Surrogate: Toluene-d8	47.9		ug/kg	50.0		96	80-120		

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	%REC	RPD Limit	Data Qualifiers
Batch: 8L03034 Extracted: 12/03/08									
Blank Analyzed: 12/03/2008 (8L03034-BLK1)									
Benzene	ND	2.0	ug/kg						
Ethylbenzene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
Xylenes, Total	ND	4.0	ug/kg						
Surrogate: 4-Bromofluorobenzene	47.1		ug/kg	50.0		94	75-120		
Surrogate: Dibromofluoromethane	50.1		ug/kg	50.0		100	80-135		
Surrogate: Toluene-d8	48.3		ug/kg	50.0		97	80-120		
LCS Analyzed: 12/03/2008 (8L03034-BL1)									
Benzene	47.2	2.0	ug/kg	50.0		94	65-120		MNRI
Ethylbenzene	48.2	2.0	ug/kg	50.0		96	70-120		
Toluene	47.9	2.0	ug/kg	50.0		96	70-120		
m,p-Xylenes	99.8	2.0	ug/kg	100		100	65-120		
o-Xylene	51.8	2.0	ug/kg	50.0		104	70-125		
Xylenes, Total	152	4.0	ug/kg	150		101	65-125		
Surrogate: 4-Bromofluorobenzene	48.0		ug/kg	50.0		96	75-120		
Surrogate: Dibromofluoromethane	49.3		ug/kg	50.0		99	80-135		
Surrogate: Toluene-d8	47.7		ug/kg	50.0		95	80-120		
LCS Dup Analyzed: 12/03/2008 (8L03034-BSD1)									
Benzene	47.1	2.0	ug/kg	50.0		94	65-120	0	30
Ethylbenzene	47.8	2.0	ug/kg	50.0		96	70-120	1	30
Toluene	49.9	2.0	ug/kg	50.0		100	70-120	4	30
m,p-Xylenes	95.8	2.0	ug/kg	100		96	65-120	4	30
o-Xylene	49.9	2.0	ug/kg	50.0		100	70-125	4	30
Xylenes, Total	146	4.0	ug/kg	150		97	65-125	4	20
Surrogate: 4-Bromofluorobenzene	46.5		ug/kg	50.0		93	75-120		
Surrogate: Dibromofluoromethane	47.7		ug/kg	50.0		95	80-135		
Surrogate: Toluene-d8	49.0		ug/kg	50.0		98	80-120		

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Northeast Environmental Management

Project ID: Solar Energy Generating System

1100 Quail Street Suite 102

2024.01.01 S-01

Sampled: 12/02/08

Newport Beach, CA 92660

Report Number: IRL0275

Received: 12/02/08

Attention: Derrick Willis

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	Data Qualifiers
Batch: 8L03070 Extracted: 12/03/08									
Blank Analyzed: 12/03/2008 (8L03070-BLK1)									
Acenaphthene	ND	330	ug/kg						
Acenaphthylene	ND	330	ug/kg						
Aniline	ND	420	ug/kg						
Anthracene	ND	330	ug/kg						
Benidine	ND	660	ug/kg						
Benzo(a)anthracene	ND	330	ug/kg						
Benzo(b)pyrene	ND	330	ug/kg						
Benzo(b)fluoranthene	ND	330	ug/kg						
Benzo(e)pyrene	ND	330	ug/kg						
Benzo(k)fluoranthene	ND	330	ug/kg						
Benzene acid	ND	830	ug/kg						
Benzyl alcohol	ND	330	ug/kg						
4-Bromophenyl phenyl ether	ND	330	ug/kg						
Butyl benzyl phthalate	ND	330	ug/kg						
4-Chloro-3-methylphenol	ND	330	ug/kg						
4-Chloroaniline	ND	330	ug/kg						
Bis(2-chloroethoxy)methane	ND	330	ug/kg						
Bis(2-chloroethyl)ether	ND	170	ug/kg						
Bis(2-chloroisopropyl)ether	ND	330	ug/kg						
2-Chloronaphthalene	ND	330	ug/kg						
2-Chlorophenol	ND	330	ug/kg						
4-Chlorophenyl phenyl ether	ND	330	ug/kg						
Chrysene	ND	330	ug/kg						
Dibenz(a,h)anthracene	ND	420	ug/kg						
Dibenzofuran	ND	330	ug/kg						
Di-n-butyl phthalate	ND	330	ug/kg						
1,2-Dichlorobenzene	ND	330	ug/kg						
1,3-Dichlorobenzene	ND	330	ug/kg						
1,4-Dichlorobenzene	ND	330	ug/kg						
3,3'-Dichlorobenzidine	ND	830	ug/kg						
2,4-Dichlorophenol	ND	330	ug/kg						
Diethyl phthalate	ND	330	ug/kg						
2,4-Dimethylphenol	ND	330	ug/kg						
Dimethyl phthalate	ND	330	ug/kg						
4,6-Dinitro-2-methylphenol	ND	420	ug/kg						
2,4-Dinitrophenol	ND	660	ug/kg						

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Northeast Environmental Management

Project ID: Solar Energy Generating System

1100 Quail Street Suite 102

2024.01.01 S-01

Sampled: 12/02/08

Newport Beach, CA 92660

Report Number: IRL0275

Attention: Derrick Willis

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	Data Qualifiers
Batch: 8L03070 Extracted: 12/03/08									
Blank Analyzed: 12/03/2008 (8L03070-BLK1)									
2,4-Dinitrotoluene	ND	330	ug/kg						
2,6-Dinitrotoluene	ND	330	ug/kg						
Di-n-octyl phthalate	ND	330	ug/kg						
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg						
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg						
Fluoranthene	ND	330	ug/kg						
Fluorene	ND	330	ug/kg						
Hexachlorobenzene	ND	330	ug/kg						
Hexachlorobutadiene	ND	330	ug/kg						
Hexachlorocyclopentadiene	ND	830	ug/kg						
Hexachloroethane	ND	330	ug/kg						
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg						
Isophenanthrene	ND	330	ug/kg						
2-Methylnaphthalene	ND	330	ug/kg						
2-Methylphenol	ND	330	ug/kg						
4-Methylphenol	ND	330	ug/kg						
Naphthalene	ND	330	ug/kg						
2-Nitroaniline	ND	330	ug/kg						
3-Nitroaniline	ND	330	ug/kg						
4-Nitroaniline	ND	830	ug/kg						
Nitrobenzene	ND	330	ug/kg						
2-Nitrophenol	ND	330	ug/kg						
4-Nitrophenol	ND	830	ug/kg						
N-Nitroso-di-n-propylamine	ND	250	ug/kg						
N-Nitrosodimethylamine	ND	330	ug/kg						
N-Nitrosodiphenylamine	ND	330	ug/kg						
Pentachlorophenol	ND	830	ug/kg						
Phenanthrene	ND	330	ug/kg						
Phenol	ND	330	ug/kg						
Pyrene	ND	330	ug/kg						
1,2,4-Trichlorobenzene	ND	330	ug/kg						
2,4,5-Trichlorophenol	ND	330	ug/kg						
2,4,6-Trichlorophenol	ND	330	ug/kg						
Surrogate: 2,4,6-Tribromophenol	5290		ug/kg						
Surrogate: 2-Fluorobiphenyl	2330		ug/kg						
Surrogate: 2-Fluorophenol	5150		ug/kg						

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	Data Qualifiers
Batch: 81.03070 Extracted: 12/03/08									
Blank Analyzed: 12/03/2008 (81.03070-BLK1)									
Surrogate: Nitrobenzene-d5	2100	330	ug/kg	3330	69	30-120			
Surrogate: Phenol-d6	5160	330	ug/kg	6670	80	35-120			
Surrogate: Terphenyl-d14	2840	330	ug/kg	3330	85	40-135			
LCS Analyzed: 12/03/2008 (81.03070-BS1)									
Acenaphthene	2620	330	ug/kg	3330	79	50-120			
Acenaphthylene	2380	330	ug/kg	3330	77	50-120			
Aniline	2320	420	ug/kg	3330	70	25-120			
Anthracene	3010	330	ug/kg	3330	90	55-120			
Benzidine	1870	660	ug/kg	3330	56	20-120			
Benzofluoranthene	2740	330	ug/kg	3330	82	55-120			
Benzo(b)fluoranthene	2780	330	ug/kg	3330	83	50-125			
Benzo(a,h)perylene	2900	330	ug/kg	3330	86	45-125			
Benzo(k)fluoranthene	3060	330	ug/kg	3330	87	35-130			
Benzoic acid	2500	830	ug/kg	3330	92	45-125			
Benzyl alcohol	2700	330	ug/kg	3330	75	20-120			
Bis(2-chloroethoxy)methane	3020	330	ug/kg	3330	88	50-125			
Buyl benzyl phthalate	2930	330	ug/kg	3330	88	50-125			
4-Chloro-3-methylphenol	2940	330	ug/kg	3330	88	50-125			
4-Chloroaniline	1580	330	ug/kg	3330	47	20-120			
Bis(2-chloroethoxy)methane	2500	330	ug/kg	3330	75	45-120			
Bis(2-chloroethyl)ether	2390	170	ug/kg	3330	72	35-120			
Bis(2-chloroisopropyl)ether	2510	330	ug/kg	3330	75	40-120			
2-Chloronaphthalene	2400	330	ug/kg	3330	72	45-120			
2-Chlorophenol	2680	330	ug/kg	3330	81	55-120			
4-Chlorophenyl phenyl ether	2760	330	ug/kg	3330	83	55-120			
Chrysene	2860	420	ug/kg	3330	86	40-135			
Dibenz(a,h)anthracene	2620	330	ug/kg	3330	79	55-120			
Dibenzofuran	3160	330	ug/kg	3330	95	50-125			
Di-n-butyl phthalate	2250	330	ug/kg	3330	68	40-120			
1,2-Dichlorobenzene	2150	330	ug/kg	3330	65	35-120			
1,3-Dichlorobenzene	2200	330	ug/kg	3330	66	35-120			
1,4-Dichlorobenzene	1880	830	ug/kg	3330	56	20-130			
3,3'-Dichlorobenzidine	2710	330	ug/kg	3330	81	45-120			
2,4-Dichlorophenol									

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	Data Qualifiers
Batch: 81.03070 Extracted: 12/03/08									
LCS Analyzed: 12/03/2008 (81.03070-BS1)									
Diethyl phthalate	2740	330	ug/kg	3330	82	50-125			
2,4-Dimethylphenol	2350	330	ug/kg	3330	76	40-120			
Dimethyl phthalate	2750	330	ug/kg	3330	83	50-125			
4,6-Dinitro-2-methylphenol	2740	420	ug/kg	3330	82	40-120			
2,4-Dinitrophenol	2440	660	ug/kg	3330	73	25-120			
2,4-Dinitrotoluene	2840	330	ug/kg	3330	85	55-125			
2,6-Dinitrotoluene	2790	330	ug/kg	3330	84	55-125			
Di-n-octyl phthalate	3040	330	ug/kg	3330	91	50-135			
1,2-Diphenylhydrazine/Azobenzene	2730	330	ug/kg	3330	82	50-125			
Bis(2-ethylhexyl)phthalate	2900	330	ug/kg	3330	87	50-130			
Fluoranthene	3040	330	ug/kg	3330	91	55-120			
Fluorene	2710	330	ug/kg	3330	81	55-120			
Hexachlorobenzene	2970	330	ug/kg	3330	89	50-120			
Hexachlorobutadiene	2300	330	ug/kg	3330	69	40-120			
Hexachlorocyclopentadiene	2060	830	ug/kg	3330	62	30-125			
Hexachloroethane	2170	330	ug/kg	3330	65	40-120			
Indeno(1,2,3-cd)pyrene	2680	330	ug/kg	3330	80	30-135			
Isophenone	2490	330	ug/kg	3330	75	40-120			
2-Methylisophthalene	2590	330	ug/kg	3330	78	45-120			
2-Methylphenol	2730	330	ug/kg	3330	82	40-120			
4-Methylphenol	2780	330	ug/kg	3330	83	45-120			
Naphthalene	2410	330	ug/kg	3330	72	45-120			
2-Nitroaniline	2800	330	ug/kg	3330	84	50-125			
3-Nitroaniline	2190	330	ug/kg	3330	66	35-120			
4-Nitroaniline	2790	830	ug/kg	3330	84	45-125			
Nitrobenzene	2420	330	ug/kg	3330	73	45-120			
2-Nitrophenol	2440	330	ug/kg	3330	73	45-120			
4-Nitrophenol	3000	830	ug/kg	3330	90	40-125			
N-Nitroso-di-n-propylamine	2580	250	ug/kg	3330	77	40-120			
N-Nitrosodimethylamine	2030	330	ug/kg	3330	61	25-120			
N-Nitrosodiphenylamine	3070	330	ug/kg	3330	92	50-120			
Perchlorophenol	3060	830	ug/kg	3330	92	40-120			
Phenanthrene	2950	330	ug/kg	3330	88	50-120			
Phenol	2740	330	ug/kg	3330	82	40-120			
Pyrene	2860	330	ug/kg	3330	86	45-125			
1,2,4-Trichlorobenzene	2300	330	ug/kg	3330	69	40-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Data Qualifiers
Batch: 81.03070 Extracted: 12/03/08									
LCS Analyzed: 12/03/2008 (81.03070-B51)									
2,4,5-Trichlorophenol	2710	330	ug/kg	3330	ND	81	50-120		
2,4,6-Trichlorophenol	2610	330	ug/kg	3330	ND	78	50-120		
Surrogate: 2,4,6-Trichlorophenol	5600		ug/kg	6670	ND	84	35-125		
Surrogate: 2-Fluorobiphenyl	3340		ug/kg	3330	ND	70	35-120		
Surrogate: 2-Fluorophenol	5340		ug/kg	6670	ND	80	25-120		
Surrogate: Nitrobenzene-d5	2330		ug/kg	3330	ND	70	30-120		
Surrogate: Phenol-d6	5480		ug/kg	6670	ND	82	35-120		
Surrogate: Terphenyl-d14	2730		ug/kg	3330	ND	82	40-135		
Matrix Spike Analyzed: 12/03/2008 (81.03070-MS1)									
Acenaphthene	2750	330	ug/kg	3330	ND	83	45-120		
Acenaphthylene	2670	330	ug/kg	3330	ND	80	45-120		
Aniline	2570	420	ug/kg	3330	ND	77	25-120		
Anthracene	3060	330	ug/kg	3330	ND	92	55-120		
Benidine	1100	660	ug/kg	3330	ND	33	20-120		
Benzo(a)anthracene	2770	330	ug/kg	3330	ND	83	50-120		
Benzo(a)pyrene	2850	330	ug/kg	3330	ND	86	45-125		
Benzo(b)fluoranthene	2930	330	ug/kg	3330	ND	88	45-125		
Benzo(g,h,i)perylene	3270	330	ug/kg	3330	ND	98	25-130		
Benzo(k)fluoranthene	3070	330	ug/kg	3330	ND	92	45-125		
Benzoic acid	2320	830	ug/kg	3330	387	58	20-120		
Benzyl alcohol	2960	330	ug/kg	3330	ND	89	45-125		
4-Bromophenyl phenyl ether	3110	330	ug/kg	3330	ND	93	45-120		
Butyl benzyl phthalate	2970	330	ug/kg	3330	ND	89	45-125		
4-Chloro-3-methylphenol	3000	330	ug/kg	3330	ND	90	50-125		
4-Chloroaniline	2170	330	ug/kg	3330	ND	65	20-120		
Bis(2-chloroethoxy)methane	2610	330	ug/kg	3330	ND	78	45-120		
Bis(2-chloroethoxy)ether	2550	170	ug/kg	3330	ND	76	35-110		
Bis(2-chlorophenyl)ether	2750	330	ug/kg	3330	ND	83	40-120		
2-Chloronaphthalene	2540	330	ug/kg	3330	ND	76	45-120		
2-Chlorophenol	2870	330	ug/kg	3330	ND	86	40-120		
4-Chlorophenyl phenyl ether	2740	330	ug/kg	3330	ND	82	50-120		
Chrysene	2810	330	ug/kg	3330	ND	84	55-120		
Dibenz(a,h)anthracene	2790	420	ug/kg	3330	ND	84	25-135		
Dibenzofuran	2680	330	ug/kg	3330	ND	80	50-120		
Di-n-butyl phthalate	3140	330	ug/kg	3330	ND	94	50-125		

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Data Qualifiers
Batch: 81.03070 Extracted: 12/03/08									
Matrix Spike Analyzed: 12/03/2008 (81.03070-MS1)									
1,2-Dichlorobenzene	2400	330	ug/kg	3330	ND	72	40-120		
1,3-Dichlorobenzene	2260	330	ug/kg	3330	ND	68	35-120		
1,4-Dichlorobenzene	2320	330	ug/kg	3330	ND	70	35-120		
3,3'-Dichlorobenzidine	2360	830	ug/kg	3330	ND	71	20-130		
2,4-Dichlorophenol	2850	330	ug/kg	3330	ND	85	45-120		
Diethyl phthalate	2740	330	ug/kg	3330	ND	82	50-125		
2,4-Dimethylphenol	2740	330	ug/kg	3330	ND	82	30-120		
Dimethyl phthalate	2790	330	ug/kg	3330	ND	84	45-125		
4,6-Dinitro-2-methylphenol	2640	420	ug/kg	3330	ND	79	35-120		
2,4-Dinitrophenol	2360	660	ug/kg	3330	ND	71	20-120		
2,6-Dinitrophenol	2810	330	ug/kg	3330	ND	84	50-125		
Di-n-octyl phthalate	3120	330	ug/kg	3330	ND	85	50-125		
1,2-Diphenylhydrazine/Azobenzene	2770	330	ug/kg	3330	ND	82	50-125		
Bis(2-ethylhexyl)phthalate	2970	330	ug/kg	3330	ND	89	45-130		
Fluorene	3040	330	ug/kg	3330	ND	91	45-120		
Fluoranthene	2780	330	ug/kg	3330	ND	83	50-120		
Hexachlorobenzene	3040	330	ug/kg	3330	ND	91	50-120		
Hexachlorobutadiene	2390	330	ug/kg	3330	ND	72	40-120		
Hexachlorocyclopentadiene	2170	830	ug/kg	3330	ND	65	20-125		
Hexachloroethane	2300	330	ug/kg	3330	ND	69	35-120		
Indene(1,2,3-cd)pyrene	2760	330	ug/kg	3330	ND	83	20-130		
Isophorone	2610	330	ug/kg	3330	ND	78	40-120		
2-Methylnaphthalene	2830	330	ug/kg	3330	ND	85	40-120		
4-Methylphenol	2960	330	ug/kg	3330	ND	89	40-120		
Naphthalene	3040	330	ug/kg	3330	ND	91	45-120		
2-Nitroaniline	2890	330	ug/kg	3330	ND	87	45-120		
3-Nitroaniline	2550	330	ug/kg	3330	ND	76	30-120		
4-Nitroaniline	2770	830	ug/kg	3330	ND	83	40-125		
Nitrobenzene	2560	330	ug/kg	3330	ND	77	40-120		
2-Nitrophenol	2600	330	ug/kg	3330	ND	78	40-120		
4-Nitrophenol	3010	830	ug/kg	3330	ND	90	35-125		
N-Nitroso-di-n-propylamine	2800	250	ug/kg	3330	ND	84	35-120		
N-Nitrosodimethylamine	2190	330	ug/kg	3330	ND	66	25-125		
N-Nitrosodiphenylamine	3160	330	ug/kg	3330	ND	95	45-125		

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Nortgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Data Qualifiers
Batch: 81.03070 Extracted: 12/03/08									
Matrix Spike Analyzed: 12/03/2008 (81.03070-MS1)									
Penachlorophenol	3050	830	ug/kg	3330	ND	92	30-120		
Phenanthrene	3050	330	ug/kg	3330	ND	92	50-120		
Phenol	2980	330	ug/kg	3330	ND	90	40-120		
Pyrene	2960	330	ug/kg	3330	ND	89	40-125		
1,2,4-Trichlorobenzene	2400	330	ug/kg	3330	ND	72	40-120		
2,4,5-Trichlorophenol	2800	330	ug/kg	3330	ND	84	45-120		
2,4,6-Trichlorophenol	2740	330	ug/kg	3330	ND	82	45-120		
Surrogate: 2,4,6-Trichlorophenol	5760	6670	ug/kg	6670		86	35-125		
Surrogate: 2-Fluorobiphenyl	2460	3330	ug/kg	3330		74	35-120		
Surrogate: 2-Fluorophenol	5700	6670	ug/kg	6670		86	25-120		
Surrogate: Nitrobenzene-d5	2450	3330	ug/kg	3330		73	30-120		
Surrogate: Phenol-d6	5920	6670	ug/kg	6670		89	35-120		
Surrogate: Terphenyl-d14	2810	3330	ug/kg	3330		84	40-135		
Matrix Spike Dup Analyzed: 12/03/2008 (81.03070-MSD1)									
Acenaphthene	2720	330	ug/kg	3330	ND	82	45-120	1	25
Acenaphthylene	2690	330	ug/kg	3330	ND	81	45-120	1	20
Aniline	2440	420	ug/kg	3330	ND	73	25-120	5	30
Anthracene	3080	330	ug/kg	3330	ND	92	55-120	1	25
Benzo(a)fluoranthene	ND	660	ug/kg	3330	ND	20-120			MZ
Benzo(a)anthracene	2770	330	ug/kg	3330	ND	83	50-120	0	25
Benzo(b)fluoranthene	2850	330	ug/kg	3330	ND	86	45-125	0	25
Benzo(g,h,i)perylene	2960	330	ug/kg	3330	ND	89	45-125	1	30
Benzo(k)fluoranthene	3310	330	ug/kg	3330	ND	99	25-130	1	30
Benzo(e)fluoranthene	3080	330	ug/kg	3330	ND	92	45-125	0	30
Benzoic acid	2230	830	ug/kg	3330	387	55	20-120	4	30
Benzyl alcohol	2930	330	ug/kg	3330	ND	88	20-120	1	30
4-Bromophenyl phenyl ether	3190	330	ug/kg	3330	ND	96	45-120	3	20
Benzyl phenyl phthalate	3020	330	ug/kg	3330	ND	91	50-125	2	25
4-Chloro-3-methylphenol	3040	330	ug/kg	3330	ND	91	50-125	1	25
4-Chloroaniline	1970	330	ug/kg	3330	ND	59	20-120	10	30
Bis(2-chloroethoxy)methane	2630	330	ug/kg	3330	ND	79	45-120	1	25
Bis(2-chloroethoxy)ether	2540	170	ug/kg	3330	ND	76	35-110	0	25
Bis(2-chloroisopropoxy)ether	2710	330	ug/kg	3330	ND	81	40-120	1	25
2-Chloronaphthalene	2550	330	ug/kg	3330	ND	77	45-120	1	20
2-Chlorophenol	2820	330	ug/kg	3330	ND	85	40-120	2	20

TestAmerica Irvine
Patty Mata
Project Manager

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Nortgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0275

Sampled: 12/02/08
Received: 12/02/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Data Qualifiers
Batch: 81.03070 Extracted: 12/03/08									
Matrix Spike Dup Analyzed: 12/03/2008 (81.03070-MSD1)									
4-Chlorophenyl phenyl ether	2820	330	ug/kg	3330	ND	85	50-120	3	25
Chrysene	2780	330	ug/kg	3330	ND	84	55-120	1	25
Dibenz(a,h)anthracene	2770	420	ug/kg	3330	ND	82	25-135	2	30
Dibenzofuran	2710	330	ug/kg	3330	ND	81	50-120	1	25
Di-n-butyl phthalate	3240	330	ug/kg	3330	ND	97	50-125	3	25
1,2-Dichlorobenzene	2390	330	ug/kg	3330	ND	72	40-120	1	25
1,3-Dichlorobenzene	2230	330	ug/kg	3330	ND	67	35-120	2	25
1,4-Dichlorobenzene	2280	330	ug/kg	3330	ND	68	35-120	2	25
3,3'-Dichlorobenzidine	2150	830	ug/kg	3330	ND	65	20-130	9	25
2,4-Dichlorophenol	2870	330	ug/kg	3330	ND	86	45-120	1	25
Diethyl phthalate	2770	330	ug/kg	3330	ND	83	50-125	1	25
2,4-Dimethylphenol	2730	330	ug/kg	3330	ND	82	30-120	1	25
Dimethyl phthalate	2810	330	ug/kg	3330	ND	84	45-125	1	25
4,6-Dinitro-2-methylphenol	2770	420	ug/kg	3330	ND	82	35-120	3	25
2,4-Dinitrophenol	2370	660	ug/kg	3330	ND	71	20-120	1	25
2,4-Dinitrotoluene	2880	330	ug/kg	3330	ND	86	50-125	2	25
2,6-Dinitrotoluene	2880	330	ug/kg	3330	ND	86	50-125	1	20
Di-n-octyl phthalate	3230	330	ug/kg	3330	ND	97	50-135	3	25
1,2-Diphenylhydrazine/Azobenzene	3060	330	ug/kg	3330	ND	92	45-130	3	25
Bis(2-ethylhexyl)phthalate	3080	330	ug/kg	3330	ND	92	45-120	1	25
Fluoranthene	3080	330	ug/kg	3330	ND	92	45-120	1	25
Fluorene	2810	330	ug/kg	3330	ND	84	50-120	1	25
Hexachlorobenzene	3130	330	ug/kg	3330	ND	94	50-120	3	25
Hexachlorobutadiene	2380	330	ug/kg	3330	ND	72	40-120	0	25
Hexachlorocyclopentadiene	2090	830	ug/kg	3330	ND	63	20-125	4	30
Hexachloroethane	2250	330	ug/kg	3330	ND	68	35-120	2	30
Indeno(1,2,3-cd)pyrene	2700	330	ug/kg	3330	ND	81	20-130	2	30
Isophorene	2620	330	ug/kg	3330	ND	79	40-120	0	25
2-Methylnaphthalene	2730	330	ug/kg	3330	ND	82	40-120	4	20
2-Methylphenol	2930	330	ug/kg	3330	ND	88	40-120	1	25
4-Methylphenol	3040	330	ug/kg	3330	ND	91	45-120	0	25
Naphthalene	2500	330	ug/kg	3330	ND	75	40-120	3	25
2-Nitroaniline	2920	330	ug/kg	3330	ND	88	45-120	1	25
3-Nitroaniline	2410	330	ug/kg	3330	ND	72	30-120	5	25
4-Nitroaniline	2720	830	ug/kg	3330	ND	81	40-125	2	30
Nitrobenzene	2540	330	ug/kg	3330	ND	76	40-120	1	25

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Patty Mata
Project Manager

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	%REC	RPD	Limit	Data Qualifiers
Source: IRL0275-02											
Batch: 8103070 Extracted: 12/03/08											
Matrix Spike Dup Analyzed: 12/03/2008 (8103070-MSD1)											
2-Nitrophenol	2600	330	ug/kg	3330	ND	78	40-120	0	25		
4-Nitrophenol	2980	830	ug/kg	3330	ND	89	35-125	1	30		
N-Nitroso-di-n-propylamine	2810	250	ug/kg	3330	ND	84	35-120	0	25		
N-Nitrosodimethylamine	2140	330	ug/kg	3330	ND	64	25-125	2	25		
N-Nitrosodiphenylamine	3190	330	ug/kg	3330	ND	96	45-125	1	25		
Pentachlorophenol	3090	830	ug/kg	3330	ND	93	30-120	1	25		
Phenanthrene	3050	330	ug/kg	3330	ND	91	50-120	0	25		
Phenol	2940	330	ug/kg	3330	ND	88	40-120	1	25		
Pyrene	2970	330	ug/kg	3330	ND	89	40-125	0	30		
1,2,4-Trichlorobenzene	2400	330	ug/kg	3330	ND	72	40-120	0	25		
2,4,5-Trichlorophenol	2830	330	ug/kg	3330	ND	85	45-120	1	20		
2,4,6-Trichlorophenol	2740	330	ug/kg	3330	ND	82	45-120	0	25		
Surrogate: 2,4,6-Trichlorophenol	5860		ug/kg	6670		88	35-125				
Surrogate: 2-Fluorobiphenyl	2450		ug/kg	3330		73	35-120				
Surrogate: 2-Fluorophenol	5590		ug/kg	6670		84	25-120				
Surrogate: Nitrobenzene-d5	2430		ug/kg	3330		73	30-120				
Surrogate: Phenol-d6	5800		ug/kg	6670		87	35-120				
Surrogate: Terphenyl-d14	2830		ug/kg	3330		85	40-135				

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IRL0275 <Page 59 of 61>

DATA QUALIFIERS AND DEFINITIONS

- M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
- RL2 Reporting limit raised due to high concentrations of hydrocarbons.
- Z Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
- Z3 The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
- Z9 Unable to calculate surrogate recovery due to matrix interference.
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD Relative Percent Difference

ADDITIONAL COMMENTS

For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

For Hydrocarbon Distribution Analyses:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO):

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

TestAmerica Irvine
Patty Mata
Project Manager

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IRL0275 <Page 60 of 61>

Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Denair Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System

Report Number: IRL0275

Sampled: 12/02/08

Received: 12/02/08

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelec	California
EPA 8015 MOD.	Soil	X	X
EPA 8260B	Soil	X	X
EPA 8270C	Soil	X	X
None	Soil		

Nevada and NELAP provide analysis specific accreditation. Analysis specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine
Patty Mata
Project Manager

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY FORM

17461 Denair Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297
8930 E. Sunset Rd., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 Fax: (480) 785-0661
1014 E. Coolidge Dr., Suite A, Phoenix, AZ 85044 (480) 785-0043 Fax: (480) 785-0661

Client Name/Address: 1100 Quail #102 Newport Beach
Project Manager: Derrick Willis
Sample: Dark Brown
Phone Number: (949) 375-7004
Fax Number: (949) 315-3365
Project/PO Number: 2024-01
Sample Description: Dark Brown
Sample Matrix: Soil
Container Type: 1-T+3-V
Col: 4
Sampling Date: 12-2-08
Sampling Time: 08:10
Preservatives: None

Received By	Date/Time	Received By	Date/Time	Received By	Date/Time	Received By	Date/Time
I-FRA-1 (4-5)	08:30	A	08:30	A	08:30	A	08:30
I-FRA-1 (14-15)	08:36	A	08:36	A	08:36	A	08:36
I-FRA-1 (19-20)	08:42	A	08:42	A	08:42	A	08:42
I-FRA-2 (4-5)	09:31	A	09:31	A	09:31	A	09:31
I-FRA-2 (9-10)	09:35	A	09:35	A	09:35	A	09:35
I-FRA-2 (14-15)	09:42	A	09:42	A	09:42	A	09:42
I-FRA-2 (19-20)	09:48	A	09:48	A	09:48	A	09:48
I-FRA-3 (4-5)	10:17	A	10:17	A	10:17	A	10:17
I-FRA-3 (9-10)	10:52	A	10:52	A	10:52	A	10:52
I-FRA-3 (14-15)	11:14	A	11:14	A	11:14	A	11:14
I-FRA-3 (19-20)	11:30	A	11:30	A	11:30	A	11:30
I-ET (4-5)	12:40	A	12:40	A	12:40	A	12:40
I-ET (10-11)	12:48	A	12:48	A	12:48	A	12:48

Turnaround Time: (Check)
48 hours ☒
24 hours ☐
same day ☐
72 hours ☐
Sample Integrity: (Check)
normal ☒
on ice ☐
Intact ☒
Analysis Required ☐
Special Instructions: FAX COC TO Derrick Willis upon reception.

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

Client Name/Address: Northgate Environmental Mgmt 1100 Blvd #102 Newport Beach, CA		Project Manager: Derrick W. Hils		Sample: Dana Brown	
Project/PO Number: 2024.01		Phone Number: (949) 375-7004		Fax Number: (949) 315-3365	
Sample Description	Matrix	Container Type	# of Sampling	Date	Preservatives
I-ET (0-1)	S&1	1-T+3V	4	12-2-08	12:35
I-24F-1 (0-1)				13:31	
I-24F-1 (5-6)				13:33	
I-24F-1 (10-11)				13:35	
I-24 F-2 (0-1)				13:40	
I-24 F-2 (5-6)				13:45	
I-24 F-2 (10-11)				13:50	
I-206 (0-1)				14:27	
I-206 (5-6)				14:32	
I-206 (10-11)				14:34	
I-19E-1 (0-1)				15:11	
I-19E-1 (5-6)				15:12	
I-19E-1 (10-11)				15:14	
I-19E-2 (0-1)				15:24	

Received By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)	Sample Integrity: (Check)	Intact	on ice
12/2/08 17:00	12/2/08 17:00	12/2/08 17:00	12/2/08 17:00	same day	X		
12/2/08 19:15	12/2/08 19:15	12/2/08 19:15	12/2/08 19:15	48 hours			

Project/PO Number:	Client Name/Address:	Project Manager:	Sample:	Sample Description:	Matrix:	Container Type:	# of Sampling:	Date:	Preservatives:
2024.01	Northgate Environmental Mgmt 1100 Blvd #102 Newport Beach, CA	Derrick W. Hils	Dana Brown	I-ET (0-1)	S&1	1-T+3V	4	12-2-08	12:35
				I-24F-1 (0-1)				13:31	
				I-24F-1 (5-6)				13:33	
				I-24F-1 (10-11)				13:35	
				I-24 F-2 (0-1)				13:40	
				I-24 F-2 (5-6)				13:45	
				I-24 F-2 (10-11)				13:50	
				I-206 (0-1)				14:27	
				I-206 (5-6)				14:32	
				I-206 (10-11)				14:34	
				I-19E-1 (0-1)				15:11	
				I-19E-1 (5-6)				15:12	
				I-19E-1 (10-11)				15:14	
				I-19E-2 (0-1)				15:24	

Analysts Required	FAX COC TO	Describe with	on reception

Project/PO Number:	Client Name/Address:	Project Manager:	Sample:	Sample Description:	Matrix:	Container Type:	# of Sampling:	Date:	Preservatives:
2024.01	Northgate Environmental Mgmt 1100 Blvd #102 Newport Beach, CA	Derrick W. Hils	Dana Brown	I-ET (0-1)	S&1	1-T+3V	4	12-2-08	12:35
				I-24F-1 (0-1)				13:31	
				I-24F-1 (5-6)				13:33	
				I-24F-1 (10-11)				13:35	
				I-24 F-2 (0-1)				13:40	
				I-24 F-2 (5-6)				13:45	
				I-24 F-2 (10-11)				13:50	
				I-206 (0-1)				14:27	
				I-206 (5-6)				14:32	
				I-206 (10-11)				14:34	
				I-19E-1 (0-1)				15:11	
				I-19E-1 (5-6)				15:12	
				I-19E-1 (10-11)				15:14	
				I-19E-2 (0-1)				15:24	

Project/PO Number:	Client Name/Address:	Project Manager:	Sample:	Sample Description:	Matrix:	Container Type:	# of Sampling:	Date:	Preservatives:
2024.01	Northgate Environmental Mgmt 1100 Blvd #102 Newport Beach, CA	Derrick W. Hils	Dana Brown	I-ET (0-1)	S&1	1-T+3V	4	12-2-08	12:35
				I-24F-					

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

Patient Name/Address:		Project/PO Number:		Phone Number: (949) 375-7004		Fax Number: (949) 315-3365		Sample Description		Sample Matrix		Sample Container		# of Containers		Sampling Date		Sampling Time		Preservatives		Special Instructions	
Northgate Environmental Management		1100 Quail #102, Newport Beach		Demetrick Willis		Dana E. Brown		I-19E-2 (S-6)		Soil		H+3V		4		12-2-08 15:23							
								I-23C (0-1)								15:28							
								I-23C (5-6)								16:13							
								I-23C (10-11)								16:16							
								I-23C (10-11)								16:19							
								TB-120208		Water		3-V		3		12-2-08 16:20							

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

LABORATORY REPORT

Prepared For: Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project: Solar Energy Generating System
2024.01.01S-01

Sampled: 12/03/08
Received: 12/03/08
Issued: 12/08/08 09:02

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 6 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IRL0459-01	L_23 B/C (0-1)	Soil
IRL0459-02	L_23 B/C (5-6)	Soil
IRL0459-03	L_23 B/C (10-11)	Soil
IRL0459-04	L_23 B (0-1)	Soil
IRL0459-05	L_23 B (5-6)	Soil
IRL0459-06	L_23 B (10-11)	Soil
IRL0459-07	L_36 B (0-1)	Soil
IRL0459-08	L_36 B (5-6)	Soil
IRL0459-09	L_36 B (10-11)	Soil
IRL0459-10	L_73D (0-1)	Soil
IRL0459-11	L_73D (5-6)	Soil
IRL0459-12	L_73D (10-11)	Soil
IRL0459-13	L_73D (15-16)	Soil
IRL0459-14	L_81E (0-1)	Soil
IRL0459-15	L_81E (5-6)	Soil
IRL0459-16	L_81E (10-11)	Soil
IRL0459-17	L_55E (0-1)	Soil
IRL0459-18	L_55E (5-6)	Soil
IRL0459-19	L_55E (10-11)	Soil
IRL0459-20	EY-1 (0-1)	Soil
IRL0459-21	EY-1 (5-6)	Soil
IRL0459-22	EY-2 (0-1)	Soil
IRL0459-23	EY-2 (5-6)	Soil

TestAmerica Irvine
Aaron Harris For Patty Mata
Project Manager

Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

LABORATORY ID	CLIENT ID	MATRIX
IRL0459-24	EY-3 (0-1)	Soil
IRL0459-25	EY-3 (5-6)	Soil
IRL0459-26	EY-4 (0-1)	Soil
IRL0459-27	EY-4 (5-6)	Soil
IRL0459-28	EY-5 (0-1)	Soil
IRL0459-29	EY-5 (5-6)	Soil
IRL0459-30	IL_87T (0-1)	Soil
IRL0459-31	IL_87T (5-6)	Soil
IRL0459-32	IL_40K (0-1)	Soil
IRL0459-33	IL_40K (5-6)	Soil
IRL0459-34	IL_40K (10-11)	Soil
IRL0459-35	TB-120308	Soil

Reviewed By:

Aaron Harris

TestAmerica Irvine
Aaron Harris For Patty Mata
Project Manager

Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-23 (EY-2 (0-1) - Soil)								
Reporting Units: mg/kg								
EFH (C13 - C22)	EPA 8015 MOD.	8L04027	100	1600	20	12/4/2008	12/5/2008	
EFH (C13 - C40)	EPA 8015 MOD.	8L04027	100	13000	20	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				1830 %				23
Sample ID: IRL0459-23 (EY-2 (5-6) - Soil)								
Reporting Units: mg/kg								
EFH (C13 - C22)	EPA 8015 MOD.	8L04027	5.0	ND	1	12/4/2008	12/5/2008	
EFH (C13 - C40)	EPA 8015 MOD.	8L04027	5.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				73 %				
Sample ID: IRL0459-26 (EY-4 (0-1) - Soil)								
Reporting Units: mg/kg								
EFH (C13 - C22)	EPA 8015 MOD.	8L04027	5.0	100	1	12/4/2008	12/5/2008	
EFH (C13 - C40)	EPA 8015 MOD.	8L04027	5.0	140	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				111 %				
Sample ID: IRL0459-27 (EY-4 (5-6) - Soil)								
Reporting Units: mg/kg								
EFH (C13 - C22)	EPA 8015 MOD.	8L04027	5.0	ND	1	12/4/2008	12/5/2008	
EFH (C13 - C40)	EPA 8015 MOD.	8L04027	5.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				89 %				
Sample ID: IRL0459-28 (EY-5 (0-1) - Soil)								
Reporting Units: mg/kg								
EFH (C13 - C22)	EPA 8015 MOD.	8L04027	620	3400	125	12/4/2008	12/5/2008	
EFH (C13 - C40)	EPA 8015 MOD.	8L04027	620	21000	125	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				2300 %				23
Sample ID: IRL0459-29 (EY-5 (5-6) - Soil)								
Reporting Units: mg/kg								
EFH (C13 - C22)	EPA 8015 MOD.	8L04027	5.0	ND	1	12/4/2008	12/5/2008	
EFH (C13 - C40)	EPA 8015 MOD.	8L04027	5.0	9.4	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				78 %				

TestAmerica Irvine
Aaron Harris For Patty Mata
Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-01 (L_23 B/C (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	10	ND	5	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	10	ND	5	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				*				23
Sample ID: IRL0459-02 (L_23 B/C (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)				83 %				
Sample ID: IRL0459-03 (L_23 B/C (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				85 %				RL2
Sample ID: IRL0459-04 (L_23 B (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	10	ND	5	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	10	ND	5	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				*				23
Sample ID: IRL0459-05 (L_23 B (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				92 %				
Sample ID: IRL0459-06 (L_23 B (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				99 %				RL2
Sample ID: IRL0459-07 (L_36 B (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	100	ND	50	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	100	ND	50	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				813 %				23

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01 S-01
Report Number: IRL0459

17461 Delmar Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/03/08
Received: 12/03/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-08 (L_36 B (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				102 %				
Sample ID: IRL0459-09 (L_36 B (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				88 %				
Sample ID: IRL0459-10 (L_73D (0-1) - Soil)								
Reporting Units: mg/kg								RL2
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	100	ND	50	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	100	ND	50	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				432 %				Z3
Sample ID: IRL0459-11 (L_73D (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				88 %				
Sample ID: IRL0459-12 (L_73D (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				83 %				
Sample ID: IRL0459-13 (L_73D (15-16) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				83 %				
Sample ID: IRL0459-14 (L_81E (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				102 %				
Sample ID: IRL0459-15 (L_81E (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				71 %				

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01 S-01
Report Number: IRL0459

17461 Delmar Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/03/08
Received: 12/03/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-15 (L_81E (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				71 %				
Sample ID: IRL0459-16 (L_81E (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				93 %				
Sample ID: IRL0459-17 (L_55E (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				99 %				
Sample ID: IRL0459-18 (L_55E (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				100 %				
Sample ID: IRL0459-19 (L_55E (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				97 %				
Sample ID: IRL0459-20 (EY-1 (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	40	ND	20	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	40	110	20	12/4/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)				106 %				Z3
Sample ID: IRL0459-21 (EY-1 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: n-Octacosane (40-125%)				81 %				

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Norridge Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-22 (EY-2 (0-1) - Soil)								RL2
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	20	ND	10	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	20	ND	10	12/4/2008	12/4/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)								Z3
Sample ID: IRL0459-23 (EY-2 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				88 %				
Sample ID: IRL0459-24 (EY-3 (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				89 %				
Sample ID: IRL0459-25 (EY-3 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				76 %				
Sample ID: IRL0459-26 (EY-4 (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				66 %				
Sample ID: IRL0459-27 (EY-4 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				79 %				
Sample ID: IRL0459-28 (EY-5 (0-1) - Soil)								RL2
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				79 %				
Sample ID: IRL0459-29 (EY-5 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				79 %				
Sample ID: IRL0459-30 (EY-5 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				71 %				

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Project Manager

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Norridge Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-29 (EY-5 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				83 %				
Sample ID: IRL0459-30 (EY-5 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04084	2.0	ND	1	12/4/2008	12/5/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				91 %				
Sample ID: IRL0459-31 (EY-5 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				70 %				
Sample ID: IRL0459-32 (EY-5 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				81 %				
Sample ID: IRL0459-33 (EY-5 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				82 %				
Sample ID: IRL0459-34 (EY-5 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				82 %				
Sample ID: IRL0459-35 (EY-5 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L04029	2.0	ND	1	12/4/2008	12/4/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				71 %				

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

VOLATILE HYDROCARBON DISTRIBUTION (EPA 8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-22 (EY-2 (0-1) - Soil)								
Reporting Units: mg/kg								
C4-C5	EPA 8015B MOD	8L04113	0.059	ND	0.978	12/4/2008	12/4/2008	
GRO (C4 - C12)	EPA 8015B MOD	8L04113	0.39	ND	0.978	12/4/2008	12/4/2008	
C6	EPA 8015B MOD	8L04113	0.059	ND	0.978	12/4/2008	12/4/2008	
C7	EPA 8015B MOD	8L04113	0.059	ND	0.978	12/4/2008	12/4/2008	
C8	EPA 8015B MOD	8L04113	0.059	ND	0.978	12/4/2008	12/4/2008	
C9	EPA 8015B MOD	8L04113	0.059	ND	0.978	12/4/2008	12/4/2008	
C10	EPA 8015B MOD	8L04113	0.059	ND	0.978	12/4/2008	12/4/2008	
C11	EPA 8015B MOD	8L04113	0.059	ND	0.978	12/4/2008	12/4/2008	
C12	EPA 8015B MOD	8L04113	0.059	ND	0.978	12/4/2008	12/4/2008	
Surrogate: 4-BFB (FTD) (65-140%)								
99 %								
Sample ID: IRL0459-23 (EY-2 (0-1) - Soil)								
Reporting Units: mg/kg								
C4-C5	EPA 8015B MOD	8L04113	0.063	ND	1.06	12/4/2008	12/4/2008	
GRO (C4 - C12)	EPA 8015B MOD	8L04113	0.42	ND	1.06	12/4/2008	12/4/2008	
C6	EPA 8015B MOD	8L04113	0.063	ND	1.06	12/4/2008	12/4/2008	
C7	EPA 8015B MOD	8L04113	0.063	ND	1.06	12/4/2008	12/4/2008	
C8	EPA 8015B MOD	8L04113	0.063	ND	1.06	12/4/2008	12/4/2008	
C9	EPA 8015B MOD	8L04113	0.063	ND	1.06	12/4/2008	12/4/2008	
C10	EPA 8015B MOD	8L04113	0.063	ND	1.06	12/4/2008	12/4/2008	
C11	EPA 8015B MOD	8L04113	0.063	ND	1.06	12/4/2008	12/4/2008	
C12	EPA 8015B MOD	8L04113	0.063	ND	1.06	12/4/2008	12/4/2008	
Surrogate: 4-BFB (FTD) (65-140%)								
109 %								
Sample ID: IRL0459-26 (EY-4 (0-1) - Soil)								
Reporting Units: mg/kg								
C4-C5	EPA 8015B MOD	8L04113	0.054	ND	0.894	12/4/2008	12/4/2008	
GRO (C4 - C12)	EPA 8015B MOD	8L04113	0.36	ND	0.894	12/4/2008	12/4/2008	
C6	EPA 8015B MOD	8L04113	0.054	ND	0.894	12/4/2008	12/4/2008	
C7	EPA 8015B MOD	8L04113	0.054	ND	0.894	12/4/2008	12/4/2008	
C8	EPA 8015B MOD	8L04113	0.054	ND	0.894	12/4/2008	12/4/2008	
C9	EPA 8015B MOD	8L04113	0.054	ND	0.894	12/4/2008	12/4/2008	
C10	EPA 8015B MOD	8L04113	0.054	ND	0.894	12/4/2008	12/4/2008	
C11	EPA 8015B MOD	8L04113	0.054	ND	0.894	12/4/2008	12/4/2008	
C12	EPA 8015B MOD	8L04113	0.054	ND	0.894	12/4/2008	12/4/2008	
Surrogate: 4-BFB (FTD) (65-140%)								
111 %								

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

VOLATILE HYDROCARBON DISTRIBUTION (EPA 8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-27 (EY-4 (5-6) - Soil)								
Reporting Units: mg/kg								
C4-C5	EPA 8015B MOD	8L04113	0.067	ND	1.12	12/4/2008	12/4/2008	
GRO (C4 - C12)	EPA 8015B MOD	8L04113	0.45	ND	1.12	12/4/2008	12/4/2008	
C6	EPA 8015B MOD	8L04113	0.067	ND	1.12	12/4/2008	12/4/2008	
C7	EPA 8015B MOD	8L04113	0.067	ND	1.12	12/4/2008	12/4/2008	
C8	EPA 8015B MOD	8L04113	0.067	ND	1.12	12/4/2008	12/4/2008	
C9	EPA 8015B MOD	8L04113	0.067	ND	1.12	12/4/2008	12/4/2008	
C10	EPA 8015B MOD	8L04113	0.067	ND	1.12	12/4/2008	12/4/2008	
C11	EPA 8015B MOD	8L04113	0.067	ND	1.12	12/4/2008	12/4/2008	
C12	EPA 8015B MOD	8L04113	0.067	ND	1.12	12/4/2008	12/4/2008	
Surrogate: 4-BFB (FTD) (65-140%)								
109 %								
Sample ID: IRL0459-28 (EY-5 (0-1) - Soil)								
Reporting Units: mg/kg								
C4-C5	EPA 8015B MOD	8L06001	0.051	ND	0.858	12/6/2008	12/6/2008	
GRO (C4 - C12)	EPA 8015B MOD	8L06001	0.34	ND	0.858	12/6/2008	12/6/2008	
C6	EPA 8015B MOD	8L06001	0.051	ND	0.858	12/6/2008	12/6/2008	
C7	EPA 8015B MOD	8L06001	0.051	ND	0.858	12/6/2008	12/6/2008	
C8	EPA 8015B MOD	8L06001	0.051	ND	0.858	12/6/2008	12/6/2008	
C9	EPA 8015B MOD	8L06001	0.051	ND	0.858	12/6/2008	12/6/2008	
C10	EPA 8015B MOD	8L06001	0.051	ND	0.858	12/6/2008	12/6/2008	
C11	EPA 8015B MOD	8L06001	0.051	ND	0.858	12/6/2008	12/6/2008	
C12	EPA 8015B MOD	8L06001	0.051	ND	0.858	12/6/2008	12/6/2008	
Surrogate: 4-BFB (FTD) (65-140%)								
103 %								
Sample ID: IRL0459-29 (EY-5 (5-6) - Soil)								
Reporting Units: mg/kg								
C4-C5	EPA 8015B MOD	8L06001	0.048	ND	0.8	12/6/2008	12/6/2008	
GRO (C4 - C12)	EPA 8015B MOD	8L06001	0.32	ND	0.8	12/6/2008	12/6/2008	
C6	EPA 8015B MOD	8L06001	0.048	ND	0.8	12/6/2008	12/6/2008	
C7	EPA 8015B MOD	8L06001	0.048	ND	0.8	12/6/2008	12/6/2008	
C8	EPA 8015B MOD	8L06001	0.048	ND	0.8	12/6/2008	12/6/2008	
C9	EPA 8015B MOD	8L06001	0.048	ND	0.8	12/6/2008	12/6/2008	
C10	EPA 8015B MOD	8L06001	0.048	ND	0.8	12/6/2008	12/6/2008	
C11	EPA 8015B MOD	8L06001	0.048	ND	0.8	12/6/2008	12/6/2008	
C12	EPA 8015B MOD	8L06001	0.048	ND	0.8	12/6/2008	12/6/2008	
Surrogate: 4-BFB (FTD) (65-140%)								
104 %								

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Northeast Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System

Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-01 (L_23 B/C (0-1) - Soil)							
Reporting Units: ug/kg							
Benzene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008
Ethylbenzene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008
Toluene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008
m,p-Xylenes	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008
o-Xylene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008
Xylenes, Total	EPA 8260B	8L04011	3.5	93 %			
Surrogate: 4-Bromofluorobenzene (75-120%)				97 %			
Surrogate: Dibromofluoromethane (80-135%)				93 %			
Surrogate: Toluene-d8 (80-120%)							

Sample ID: IRL0459-02 (L_23 B/C (5-6) - Soil)

Reporting Units: ug/kg

Benzene	EPA 8260B	8L04011	1.9	ND	0.975	12/4/2008	12/4/2008
Ethylbenzene	EPA 8260B	8L04011	1.9	ND	0.975	12/4/2008	12/4/2008
Toluene	EPA 8260B	8L04011	1.9	ND	0.975	12/4/2008	12/4/2008
m,p-Xylenes	EPA 8260B	8L04011	1.9	ND	0.975	12/4/2008	12/4/2008
o-Xylene	EPA 8260B	8L04011	1.9	ND	0.975	12/4/2008	12/4/2008
Xylenes, Total	EPA 8260B	8L04011	3.9	94 %			
Surrogate: 4-Bromofluorobenzene (75-120%)				100 %			
Surrogate: Dibromofluoromethane (80-135%)				95 %			
Surrogate: Toluene-d8 (80-120%)							

Sample ID: IRL0459-03 (L_23 B/C (10-11) - Soil)

Reporting Units: ug/kg

Benzene	EPA 8260B	8L04011	1.9	ND	0.949	12/4/2008	12/4/2008
Ethylbenzene	EPA 8260B	8L04011	1.9	ND	0.949	12/4/2008	12/4/2008
Toluene	EPA 8260B	8L04011	1.9	ND	0.949	12/4/2008	12/4/2008
m,p-Xylenes	EPA 8260B	8L04011	1.9	ND	0.949	12/4/2008	12/4/2008
o-Xylene	EPA 8260B	8L04011	1.9	ND	0.949	12/4/2008	12/4/2008
Xylenes, Total	EPA 8260B	8L04011	3.8	96 %			
Surrogate: 4-Bromofluorobenzene (75-120%)				98 %			
Surrogate: Dibromofluoromethane (80-135%)				97 %			
Surrogate: Toluene-d8 (80-120%)							

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Northeast Environmental Management
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Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System

Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-04 (L_23 B (0-1) - Soil)							
Reporting Units: ug/kg							
Benzene	EPA 8260B	8L04011	1.8	ND	0.879	12/4/2008	12/4/2008
Ethylbenzene	EPA 8260B	8L04011	1.8	ND	0.879	12/4/2008	12/4/2008
Toluene	EPA 8260B	8L04011	1.8	ND	0.879	12/4/2008	12/4/2008
m,p-Xylenes	EPA 8260B	8L04011	1.8	ND	0.879	12/4/2008	12/4/2008
o-Xylene	EPA 8260B	8L04011	1.8	ND	0.879	12/4/2008	12/4/2008
Xylenes, Total	EPA 8260B	8L04011	3.5	93 %			
Surrogate: 4-Bromofluorobenzene (75-120%)				103 %			
Surrogate: Dibromofluoromethane (80-135%)				97 %			
Surrogate: Toluene-d8 (80-120%)							

Sample ID: IRL0459-05 (L_23 B (5-6) - Soil)

Reporting Units: ug/kg

Benzene	EPA 8260B	8L04011	2.3	ND	1.16	12/4/2008	12/4/2008
Ethylbenzene	EPA 8260B	8L04011	2.3	ND	1.16	12/4/2008	12/4/2008
Toluene	EPA 8260B	8L04011	2.3	ND	1.16	12/4/2008	12/4/2008
m,p-Xylenes	EPA 8260B	8L04011	2.3	ND	1.16	12/4/2008	12/4/2008
o-Xylene	EPA 8260B	8L04011	2.3	ND	1.16	12/4/2008	12/4/2008
Xylenes, Total	EPA 8260B	8L04011	4.6	94 %			
Surrogate: 4-Bromofluorobenzene (75-120%)				102 %			
Surrogate: Dibromofluoromethane (80-135%)				100 %			
Surrogate: Toluene-d8 (80-120%)							

Sample ID: IRL0459-06 (L_23 B (10-11) - Soil)

Reporting Units: ug/kg

Benzene	EPA 8260B	8L04011	1.6	ND	0.791	12/4/2008	12/4/2008
Ethylbenzene	EPA 8260B	8L04011	1.6	ND	0.791	12/4/2008	12/4/2008
Toluene	EPA 8260B	8L04011	1.6	ND	0.791	12/4/2008	12/4/2008
m,p-Xylenes	EPA 8260B	8L04011	1.6	ND	0.791	12/4/2008	12/4/2008
o-Xylene	EPA 8260B	8L04011	1.6	ND	0.791	12/4/2008	12/4/2008
Xylenes, Total	EPA 8260B	8L04011	3.2	94 %			
Surrogate: 4-Bromofluorobenzene (75-120%)				102 %			
Surrogate: Dibromofluoromethane (80-135%)				98 %			
Surrogate: Toluene-d8 (80-120%)							

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Northgate Environmental Management
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Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax (949) 260-3297

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-07 (L_36 B (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L04103	1.7	ND	0.835	12/4/2008	12/4/2008	
Ethylbenzene	EPA 8260B	8L04103	1.7	ND	0.835	12/4/2008	12/4/2008	
Toluene	EPA 8260B	8L04103	1.7	ND	0.835	12/4/2008	12/4/2008	
m,p-Xylenes	EPA 8260B	8L04103	1.7	ND	0.835	12/4/2008	12/4/2008	
o-Xylene	EPA 8260B	8L04103	1.7	ND	0.835	12/4/2008	12/4/2008	
Xylenes, Total	EPA 8260B	8L04103	3.3	ND	0.835	12/4/2008	12/4/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				63 %				Z
Surrogate: Dibromofluoromethane (80-135%)				119 %				
Surrogate: Toluene-d8 (80-120%)				71 %				Z

Sample ID: IRL0459-08 (L_36 B (5-6) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L04103	2.1	ND	1.07	12/4/2008	12/4/2008	
Ethylbenzene	EPA 8260B	8L04103	2.1	ND	1.07	12/4/2008	12/4/2008	
Toluene	EPA 8260B	8L04103	2.1	ND	1.07	12/4/2008	12/4/2008	
m,p-Xylenes	EPA 8260B	8L04103	2.1	ND	1.07	12/4/2008	12/4/2008	
o-Xylene	EPA 8260B	8L04103	2.1	ND	1.07	12/4/2008	12/4/2008	
Xylenes, Total	EPA 8260B	8L04103	4.3	ND	1.07	12/4/2008	12/4/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				95 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				96 %				

Sample ID: IRL0459-09 (L_36 B (10-11) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L04103	1.9	ND	0.947	12/4/2008	12/4/2008	
Ethylbenzene	EPA 8260B	8L04103	1.9	ND	0.947	12/4/2008	12/4/2008	
Toluene	EPA 8260B	8L04103	1.9	ND	0.947	12/4/2008	12/4/2008	
m,p-Xylenes	EPA 8260B	8L04103	1.9	ND	0.947	12/4/2008	12/4/2008	
o-Xylene	EPA 8260B	8L04103	1.9	ND	0.947	12/4/2008	12/4/2008	
Xylenes, Total	EPA 8260B	8L04103	3.8	ND	0.947	12/4/2008	12/4/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				94 %				
Surrogate: Dibromofluoromethane (80-135%)				97 %				
Surrogate: Toluene-d8 (80-120%)				95 %				

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Northgate Environmental Management
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax (949) 260-3297

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-10 (L_73D (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05039	1.6	ND	0.785	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05039	1.6	ND	0.785	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05039	1.6	ND	0.785	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05039	1.6	ND	0.785	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05039	1.6	ND	0.785	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05039	3.1	ND	0.785	12/5/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				67 %				Z
Surrogate: Dibromofluoromethane (80-135%)				116 %				
Surrogate: Toluene-d8 (80-120%)				70 %				Z

Sample ID: IRL0459-11 (L_73D (6-6) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L04103	1.7	ND	0.87	12/4/2008	12/4/2008	
Ethylbenzene	EPA 8260B	8L04103	1.7	ND	0.87	12/4/2008	12/4/2008	
Toluene	EPA 8260B	8L04103	1.7	ND	0.87	12/4/2008	12/4/2008	
m,p-Xylenes	EPA 8260B	8L04103	1.7	ND	0.87	12/4/2008	12/4/2008	
o-Xylene	EPA 8260B	8L04103	1.7	ND	0.87	12/4/2008	12/4/2008	
Xylenes, Total	EPA 8260B	8L04103	3.5	ND	0.87	12/4/2008	12/4/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				90 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				95 %				

Sample ID: IRL0459-12 (L_73D (10-11) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L04103	1.9	ND	0.942	12/4/2008	12/4/2008	
Ethylbenzene	EPA 8260B	8L04103	1.9	ND	0.942	12/4/2008	12/4/2008	
Toluene	EPA 8260B	8L04103	1.9	ND	0.942	12/4/2008	12/4/2008	
m,p-Xylenes	EPA 8260B	8L04103	1.9	ND	0.942	12/4/2008	12/4/2008	
o-Xylene	EPA 8260B	8L04103	1.9	ND	0.942	12/4/2008	12/4/2008	
Xylenes, Total	EPA 8260B	8L04103	3.8	ND	0.942	12/4/2008	12/4/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				94 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				97 %				

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Northgate Environmental Management
1100 Quail Street Suite 102
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 503/5/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-13 (L_73D (15-16) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L04103	1.9	ND	0.929	12/4/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L04103	1.9	ND	0.929	12/4/2008	12/5/2008	
Toluene	EPA 8260B	8L04103	1.9	ND	0.929	12/4/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L04103	1.9	ND	0.929	12/4/2008	12/5/2008	
o-Xylene	EPA 8260B	8L04103	1.9	ND	0.929	12/4/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L04103	3.7	ND	0.929	12/4/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				90 %				
Surrogate: Dibromofluoromethane (80-135%)				103 %				
Surrogate: Toluene-d8 (80-120%)				97 %				

Sample ID: IRL0459-14 (L_81E (0-1) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05039	1.9	ND	0.935	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05039	1.9	ND	0.935	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05039	1.9	ND	0.935	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05039	1.9	ND	0.935	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05039	1.9	ND	0.935	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05039	3.7	ND	0.935	12/5/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				73 %				
Surrogate: Dibromofluoromethane (80-135%)				102 %				
Surrogate: Toluene-d8 (80-120%)				80 %				

Sample ID: IRL0459-15 (L_81E (5-6) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L04103	1.8	ND	0.893	12/4/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L04103	1.8	ND	0.893	12/4/2008	12/5/2008	
Toluene	EPA 8260B	8L04103	1.8	ND	0.893	12/4/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L04103	1.8	ND	0.893	12/4/2008	12/5/2008	
o-Xylene	EPA 8260B	8L04103	1.8	ND	0.893	12/4/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L04103	3.6	ND	0.893	12/4/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				94 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				96 %				

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Northgate Environmental Management
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 503/5/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-16 (L_81E (10-11) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L04103	2.2	ND	1.1	12/4/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L04103	2.2	ND	1.1	12/4/2008	12/5/2008	
Toluene	EPA 8260B	8L04103	2.2	ND	1.1	12/4/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L04103	2.2	ND	1.1	12/4/2008	12/5/2008	
o-Xylene	EPA 8260B	8L04103	2.2	ND	1.1	12/4/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L04103	4.4	ND	1.1	12/4/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				95 %				
Surrogate: Dibromofluoromethane (80-135%)				99 %				
Surrogate: Toluene-d8 (80-120%)				100 %				

Sample ID: IRL0459-17 (L_55E (0-1) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L04103	1.9	ND	0.965	12/4/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L04103	1.9	ND	0.965	12/4/2008	12/5/2008	
Toluene	EPA 8260B	8L04103	1.9	ND	0.965	12/4/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L04103	1.9	ND	0.965	12/4/2008	12/5/2008	
o-Xylene	EPA 8260B	8L04103	1.9	ND	0.965	12/4/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L04103	3.9	ND	0.965	12/4/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				94 %				
Surrogate: Dibromofluoromethane (80-135%)				95 %				
Surrogate: Toluene-d8 (80-120%)				96 %				

Sample ID: IRL0459-18 (L_55E (5-6) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L04103	1.8	ND	0.919	12/4/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L04103	1.8	ND	0.919	12/4/2008	12/5/2008	
Toluene	EPA 8260B	8L04103	1.8	ND	0.919	12/4/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L04103	1.8	ND	0.919	12/4/2008	12/5/2008	
o-Xylene	EPA 8260B	8L04103	1.8	ND	0.919	12/4/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L04103	3.7	ND	0.919	12/4/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				91 %				
Surrogate: Dibromofluoromethane (80-135%)				100 %				
Surrogate: Toluene-d8 (80-120%)				99 %				

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01 S-01
Report Number: IRL0459

17461 Denair Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 503/58260B)

Sample ID: IRL0459-19 (1.25E (10-11) - Soil)

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date	Qualifiers
Benzene	EPA 8260B	8L04103	2.1	ND	1.03	12/4/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L04103	2.1	ND	1.03	12/4/2008	12/5/2008	
Toluene	EPA 8260B	8L04103	2.1	ND	1.03	12/4/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L04103	2.1	ND	1.03	12/4/2008	12/5/2008	
o-Xylene	EPA 8260B	8L04103	2.1	ND	1.03	12/4/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L04103	4.1	ND	1.03	12/4/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				94 %				
Surrogate: Dibromofluoromethane (80-135%)				99 %				
Surrogate: Toluene-d8 (80-120%)				100 %				
Sample ID: IRL0459-20 (EY-1 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Bromobenzene	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
Bromochloromethane	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
Bromodichloromethane	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Bromoform	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
Bromomethane	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
n-Butylbenzene	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
sec-Butylbenzene	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
tert-Butylbenzene	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
Carbon tetrachloride	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Chlorobenzene	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
Chloroethane	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
Chloroform	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Chloromethane	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
2-Chlorotoluene	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
4-Chlorotoluene	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Dibromochloromethane	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
1,2-Dibromomethane (EDB)	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Dibromomethane	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
1,2-Dichlorobenzene	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
1,3-Dichlorobenzene	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
1,4-Dichlorobenzene	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Dichlorodifluoromethane	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
1,1-Dichloroethane	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
1,2-Dichloroethane	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
1,1-Dichloroethene	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
cis-1,2-Dichloroethene	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
trans-1,2-Dichloroethene	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01 S-01
Report Number: IRL0459

17461 Denair Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 503/58260B)

Sample ID: IRL0459-20 (EY-1 (0-1) - Soil) - cont.

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date	Qualifiers
1,2-Dichloropropane	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
1,3-Dichloropropane	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
2,2-Dichloropropane	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
cis-1,3-Dichloropropane	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
trans-1,3-Dichloropropane	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
1,1-Dichloropropane	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Ethylbenzene	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
Hexachlorobutadiene	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Isopropylbenzene	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
p-Isopropyltoluene	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
Methylene chloride	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Naphthalene	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
n-Propylbenzene	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Styrene	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Tetrachloroethene	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Toluene	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
1,1,1-Trichloroethane	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
1,1,2-Trichloroethane	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Trichloroethene	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
Trichlorofluoromethane	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
1,2,3-Trichloropropane	EPA 8260B	8L04011	8.6	ND	0.862	12/4/2008	12/4/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Vinyl chloride	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
m,p-Xylenes	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
o-Xylene	EPA 8260B	8L04011	1.7	ND	0.862	12/4/2008	12/4/2008	
Diisopropyl Ether (DIPE)	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	8L04011	4.3	ND	0.862	12/4/2008	12/4/2008	
tert-Butanol (TBA)	EPA 8260B	8L04011	86	ND	0.862	12/4/2008	12/4/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				100 %				
Surrogate: Dibromofluoromethane (80-135%)				95 %				
Surrogate: Toluene-d8 (80-120%)				94 %				

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Sample ID: IRL0459-21 (EY-1 (S-6) - Soil)

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date	Qualifiers
Benzene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Bromobenzene	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
Bromochloromethane	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
Bromodichloromethane	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Bromofom	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
Bromomethane	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
n-Butylbenzene	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
sec-Butylbenzene	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
tert-Butylbenzene	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
Carbon tetrachloride	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
Chlorobenzene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Chloroethane	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
Chloroform	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Chloromethane	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
2-Chlorotoluene	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
4-Chlorotoluene	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
Dibromochloromethane (EDB)	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Dibromomethane	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
1,2-Dichlorobenzene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
1,3-Dichlorobenzene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
1,4-Dichlorobenzene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Dichlorodifluoromethane	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
1,1-Dichloroethane	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
1,2-Dichloroethane	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
1,1-Dichloroethene	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
cis-1,2-Dichloroethene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
trans-1,2-Dichloroethene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
1,2-Dichloropropane	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
1,3-Dichloropropane	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
2,2-Dichloropropane	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
cis-1,3-Dichloropropene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
trans-1,3-Dichloropropene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
1,1-Dichloropropene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Ethylbenzene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Hexachlorobutadiene	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
Isopropylbenzene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
p-Isopropyltoluene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Methylene chloride	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Naphthalene	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Sample ID: IRL0459-21 (EY-1 (S-6) - Soil) - cont.

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date	Qualifiers
n-Propylbenzene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Styrene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Tetrachloroethene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Toluene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
1,1,1-Trichloroethane	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
1,1,2-Trichloroethane	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Trichloroethene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Trichlorofluoromethane	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
1,2,3-Trichloropropane	EPA 8260B	8L04011	11	ND	1.11	12/4/2008	12/4/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Vinyl chloride	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
m,p-Xylenes	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
o-Xylene	EPA 8260B	8L04011	2.2	ND	1.11	12/4/2008	12/4/2008	
Di-isopropyl Ether (DIPE)	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	8L04011	5.6	ND	1.11	12/4/2008	12/4/2008	
tert-Butanol (TBA)	EPA 8260B	8L04011	110	ND	1.11	12/4/2008	12/4/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				96 %				
Surrogate: Dibromofluoromethane (80-135%)				96 %				
Surrogate: Toluene-d8 (80-120%)				98 %				

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Aaron Harris For Patty Mara
Project Manager

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Norhgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-22 (EY-2 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Bromobenzene	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
Bromochloromethane	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
Bromodichloromethane	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Bromoforn	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
Bromomethane	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
n-Butylbenzene	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
sec-Butylbenzene	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
tert-Butylbenzene	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
Carbon tetrachloride	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
Chlorobenzene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Chloroethane	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
Chloroform	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Chloromethane	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
Chlorotoluene	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
4-Chlorotoluene	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
2,4-Dibromo-3-chloropropane	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
Dibromochloromethane	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
1,2-Dibromomethane (EOB)	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Dibromomethane	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
1,2-Dichlorobenzene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
1,3-Dichlorobenzene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
1,4-Dichlorobenzene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Dichlorodifluoromethane	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
1,1-Dichloroethane	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
1,2-Dichloroethane	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
1,1-Dichloroethene	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
cis-1,2-Dichloroethene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
trans-1,2-Dichloroethene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
1,3-Dichloropropane	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
2,2-Dichloropropane	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
cis-1,3-Dichloropropene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
trans-1,3-Dichloropropene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
1,1-Dichloropropene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Ethylbenzene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Hexachlorobutadiene	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
Isopropylbenzene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
p-Isopropyltoluene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Methylene chloride	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Naphthalene	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	

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Project Manager

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Norhgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-22 (EY-2 (0-1) - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Styrene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Tetrachloroethene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Toluene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
1,1,1-Trichloroethane	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
1,1,2-Trichloroethane	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Trichloroethane	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Trichlorofluoromethane	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
1,2,3-Trichloropropane	EPA 8260B	8L04011	8.8	ND	0.876	12/4/2008	12/4/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Vinyl chloride	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
m,p-Xylenes	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
o-Xylene	EPA 8260B	8L04011	1.8	ND	0.876	12/4/2008	12/4/2008	
Di-isopropyl Ether (DIPE)	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
Ethyl tert-butyl Ether (ETBE)	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	8L04011	4.4	ND	0.876	12/4/2008	12/4/2008	
tert-Butanol (TBA)	EPA 8260B	8L04011	88	ND	0.876	12/4/2008	12/4/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				94 %				

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Sample ID: IRL0459-23 (EY-2 (S-6) - Soil)

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Benzene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Bromobenzene	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
Bromochloromethane	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
Bromodichloromethane	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Bromoforn	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
Bromomethane	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
n-Butylbenzene	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
sec-Butylbenzene	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
tert-Butylbenzene	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
Carbon tetrachloride	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
Chlorobenzene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Chloroethane	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
Chloroform	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Chloromethane	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
2-Chlorotoluene	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
4-Chlorotoluene	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
Dibromochloromethane	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
1,2-Dibromomethane (EDB)	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Dibromomethane	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
1,4-Dichlorobenzene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
1,3-Dichlorobenzene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
1,2-Dichlorobenzene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Dichlorodifluoromethane	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
1,1-Dichloroethane	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
1,2-Dichloroethane	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
1,1-Dichloroethene	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
cis-1,2-Dichloroethene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
trans-1,2-Dichloroethene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
1,3-Dichloropropane	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
2,2-Dichloropropane	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
cis-1,3-Dichloropropene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
trans-1,3-Dichloropropene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
1,1-Dichloropropene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Ethylbenzene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Hexachlorobutadiene	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
Isopropylbenzene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
p-Isopropyltoluene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Methylene chloride	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Naphthalene	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Sample ID: IRL0459-23 (EY-2 (S-6) - Soil) - cont.

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
n-Propylbenzene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Styrene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Tetrachloroethene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Toluene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
1,1,1-Trichloroethane	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
1,1,2-Trichloroethane	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Trichloroethene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Trichlorofluoromethane	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
1,3-Trichloropropane	EPA 8260B	8L04011	10	ND	1.03	12/4/2008	12/4/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Vinyl chloride	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
m,p-Xylenes	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
o-Xylene	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Diisopropyl Ether (DIPE)	EPA 8260B	8L04011	2.1	ND	1.03	12/4/2008	12/4/2008	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
Methyl tert-butyl Ether (MTBE)	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	8L04011	5.2	ND	1.03	12/4/2008	12/4/2008	
tert-Butanol (TBA)	EPA 8260B	8L04011	100	ND	1.03	12/4/2008	12/4/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)			95 %					
Surrogate: Dibromofluoromethane (80-135%)			96 %					
Surrogate: Toluene-d8 (80-120%)			95 %					

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Aaron Harris For Patty Mata
Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01S-01
Report Number: IRL0459

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Sample ID: IRL0459-24 (EV-3 (0-1) - Soil)

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date	Qualifiers
Benzene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Bromobenzene	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
Bromochloromethane	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
Bromodichloromethane	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Bromoforn	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
Bromomethane	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
n-Butylbenzene	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
sec-Butylbenzene	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
tert-Butylbenzene	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
Carbon tetrachloride	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
Chlorobenzene	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
Chloroethane	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Chloroform	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
Chloromethane	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
2-Chlorotoluene	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
4-Chlorotoluene	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
Dibromochloromethane	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Dibromomethane (EDB)	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Dibromomethane	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
1,2-Dichlorobenzene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
1,3-Dichlorobenzene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
1,4-Dichlorobenzene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Dichlorodifluoromethane	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
1,1-Dichloroethane	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
1,2-Dichloroethane	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
1,1-Dichloroethene	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
cis-1,2-Dichloroethene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
trans-1,2-Dichloroethene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
1,2-Dichloropropane	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
1,3-Dichloropropane	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
2,2-Dichloropropane	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
cis-1,3-Dichloropropene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
trans-1,3-Dichloropropene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
1,1-Dichloropropene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Ethylbenzene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Hexachlorobutadiene	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
Isopropylbenzene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
p-Isopropyltoluene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Methylene chloride	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Naphthalene	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	

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Aaron Harris For Patty Mata
Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01S-01
Report Number: IRL0459

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Sample ID: IRL0459-24 (EV-3 (0-1) - Soil) - cont.

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date	Qualifiers
n-Propylbenzene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Styrene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Tetrachloroethene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Toluene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
1,1,1-Trichloroethane	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
1,1,2-Trichloroethane	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Trichloroethene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Trichlorofluoromethane	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
1,2,3-Trichloropropane	EPA 8260B	8L04011	10	ND	0.998	12/4/2008	12/4/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Vinyl chloride	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
m,p-Xylenes	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
o-Xylene	EPA 8260B	8L04011	2.0	ND	0.998	12/4/2008	12/4/2008	
Diisopropyl Ether (DIPE)	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
Ethyl tert-butyl Ether (ETBE)	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	8L04011	5.0	ND	0.998	12/4/2008	12/4/2008	
tert-Butanol (TBA)	EPA 8260B	8L04011	100	ND	0.998	12/4/2008	12/4/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				96 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				98 %				

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Project Manager

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Norhgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Sample ID: IRL0459-25 (EY-3 (S-4) - Soil)

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Benzene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Bromobenzene	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
Bromochloromethane	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
Bromodichloromethane	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Bromoforn	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
Bromomethane	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
n-Butylbenzene	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
sec-Butylbenzene	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
tert-Butylbenzene	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
Carbon tetrachloride	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
Chlorobenzene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Chloroethane	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
Chloroform	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Chloromethane	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
2-Chlorotoluene	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
4-Chlorotoluene	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
Dibromochloromethane	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
1,2-Dibromomethane (EDB)	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Dibromomethane	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
1,2-Dichlorobenzene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
1,3-Dichlorobenzene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
1,4-Dichlorobenzene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Dichlorodifluoromethane	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
1,1-Dichloroethane	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
1,1-Dichloroethene	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
cis-1,2-Dichloroethene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
trans-1,2-Dichloroethene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
1,2-Dichloropropane	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
1,3-Dichloropropane	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
2,2-Dichloropropane	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
cis-1,3-Dichloropropene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
trans-1,3-Dichloropropene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
1,1-Dichloropropene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Ethylbenzene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Hexachlorobutadiene	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
Isopropylbenzene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
p-Isopropyltoluene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Methylene chloride	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Naphthalene	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	

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Project Manager

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Norhgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Sample ID: IRL0459-25 (EY-3 (S-6) - Soil) - cont.

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
n-Propylbenzene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Styrene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Tetrachloroethene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Toluene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
1,1,1-Trichloroethane	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
1,1,2-Trichloroethane	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Trichloroethane	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Trichlorofluoromethane	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
1,2,3-Trichloropropane	EPA 8260B	8L04011	11	ND	1.09	12/4/2008	12/4/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Vinyl chloride	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
m,p-Xylenes	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
o-Xylene	EPA 8260B	8L04011	2.2	ND	1.09	12/4/2008	12/4/2008	
Di-isopropyl Ether (DIPE)	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	8L04011	5.5	ND	1.09	12/4/2008	12/4/2008	
tert-Butanol (TBA)	EPA 8260B	8L04011	110	ND	1.09	12/4/2008	12/4/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)			91 %					
Surrogate: Dibromofluoromethane (80-135%)			100 %					
Surrogate: Toluene-d8 (80-120%)			97 %					

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Aaron Harris For Patty Mata
Project Manager

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Nordgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy: Generating System
2024.01.01S-01
Report Number: IRL0459

17461 Delian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Sample ID: IRL0459-26 (EY-4 (0-1) - Soil)

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Benzene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Bromobenzene	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
Bromochloromethane	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
Bromodichloromethane	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Bromoforn	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
Bromomethane	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
n-Butylbenzene	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
sec-Butylbenzene	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
tert-Butylbenzene	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
Carbon tetrachloride	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
Chlorobenzene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Chloroethane	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
Chloroform	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Chloromethane	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
2-Chlorotoluene	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
4-Chlorotoluene	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
Dibromochloromethane	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
1,2-Dibromomethane (EDB)	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Dibromomethane	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
1,2-Dichlorobenzene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
1,3-Dichlorobenzene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
1,4-Dichlorobenzene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Dichlorodifluoromethane	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
1,1-Dichloroethane	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
1,2-Dichloroethane	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
1,1-Dichloroethene	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
cis-1,2-Dichloroethene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
trans-1,2-Dichloroethene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
1,3-Dichloropropane	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
2,2-Dichloropropane	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
cis-1,3-Dichloropropene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
trans-1,3-Dichloropropene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
1,1-Dichloropropene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Ethylbenzene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Hexachlorobutadiene	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
Isopropylbenzene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
p-Isopropyltoluene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Methylene chloride	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Naphthalene	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	

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Aaron Harris For Patty Mata
Project Manager

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Nordgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy: Generating System
2024.01.01S-01
Report Number: IRL0459

17461 Delian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Sample ID: IRL0459-26 (EY-4 (0-1) - Soil) - cont.

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
n-Propylbenzene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Styrene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Tetrachloroethene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Toluene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
1,1,1-Trichloroethane	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
1,1,2-Trichloroethane	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Trichloroethene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Trichlorofluoromethane	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
1,2,3-Trichloropropane	EPA 8260B	8L04011	9.3	ND	0.928	12/4/2008	12/4/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Vinyl chloride	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
m,p-Xylenes	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
o-Xylene	EPA 8260B	8L04011	1.9	ND	0.928	12/4/2008	12/4/2008	
Di-isopropyl Ether (DIPE)	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	8L04011	4.6	ND	0.928	12/4/2008	12/4/2008	
tert-Butanol (TBA)	EPA 8260B	8L04011	93	ND	0.928	12/4/2008	12/4/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				94 %				
Surrogate: Dibromofluoromethane (80-135%)				103 %				
Surrogate: Toluene-d8 (80-120%)				95 %				

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Norridge Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-27 (EY-4 (5-6) - Soil) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Bromobenzene	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
Bromochloromethane	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
Bromodichloromethane	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Bromoform	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
Bromomethane	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
n-Butylbenzene	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
sec-Butylbenzene	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
tert-Butylbenzene	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
Carbon tetrachloride	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
Chlorobenzene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Chloroethane	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
Chloroform	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Chloromethane	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
2-Chlorotoluene	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
4-Chlorotoluene	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
Dibromochloromethane	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
1,2-Dibromodichloromethane (EDB)	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Dibromomethane	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
1,2-Dichlorobenzene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
1,3-Dichlorobenzene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
1,4-Dichlorobenzene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Dichlorodifluoromethane	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
1,1-Dichloroethane	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
1,2-Dichloroethane	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
1,1-Dichloroethene	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
cis-1,2-Dichloroethene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
trans-1,2-Dichloroethene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
1,2-Dichloropropane	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
1,3-Dichloropropane	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
2,2-Dichloropropane	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
cis-1,3-Dichloropropene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
trans-1,3-Dichloropropene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
1,1-Dichloropropene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Ethylbenzene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Hexachlorobutadiene	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
Isopropylbenzene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
p-Isopropyltoluene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Methylene chloride	EPA 8260B	8L04011	20	ND	1.02	12/4/2008	12/4/2008	
Naphthalene	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	

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Aaron Harris For Patty Mata
Project Manager

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Norridge Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-27 (EY-4 (5-6) - Soil) - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Styrene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Tetrachloroethene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Toluene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
1,1,1-Trichloroethane	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
1,1,2-Trichloroethane	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Trichloroethene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Trichlorofluoromethane	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
1,2,3-Trichloropropane	EPA 8260B	8L04011	10	ND	1.02	12/4/2008	12/4/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Vinyl chloride	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
m,p-Xylenes	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
o-Xylene	EPA 8260B	8L04011	2.0	ND	1.02	12/4/2008	12/4/2008	
Di-isopropyl Ether (DIPE)	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	8L04011	5.1	ND	1.02	12/4/2008	12/4/2008	
tert-Butanol (TBA)	EPA 8260B	8L04011	100	ND	1.02	12/4/2008	12/4/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)			93 %					
Surrogate: Dibromofluoromethane (80-135%)			100 %					
Surrogate: Toluene-d8 (80-120%)			96 %					

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Aaron Harris For Patty Mata
Project Manager

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Nortgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 503/5/8260B)

Sample ID: IRL0459-28 (EY-5 (0-1) - Soil)

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Benzene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Bromobenzene	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
Bromochloromethane	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
Bromodichloromethane	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Bromoforn	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
Bromomethane	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
n-Butylbenzene	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
sec-Butylbenzene	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
tert-Butylbenzene	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
Carbon tetrachloride	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
Chlorobenzene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Chloroethane	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
Chloroform	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Chloromethane	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
2-Chlorotoluene	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
4-Chlorotoluene	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
Dibromochloromethane	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
1,2-Dibromomethane (EDB)	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Dibromomethane	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
1,2-Dichlorobenzene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
1,3-Dichlorobenzene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
1,4-Dichlorobenzene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Dichlorodifluoromethane	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
1,1-Dichloroethane	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
1,2-Dichloroethane	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
cis-1,2-Dichloroethane	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
trans-1,2-Dichloroethane	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
1,3-Dichloropropane	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
2,2-Dichloropropane	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
cis-1,3-Dichloropropene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
trans-1,3-Dichloropropene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
1,1-Dichloropropene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Ethylbenzene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Hexachlorobutadiene	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
Isopropylbenzene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
p-Isopropyltoluene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Methylene chloride	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Naphthalene	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	

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Aaron Harris For Patty Mata
Project Manager

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Nortgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

VOLATILE ORGANICS by GC/MS (EPA 503/5/8260B)

Sample ID: IRL0459-28 (EY-5 (0-1) - Soil) - cont.

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
n-Propylbenzene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Styrene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Tetrachloroethene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Toluene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
1,1,1-Trichloroethane	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
1,1,2-Trichloroethane	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Trichloroethene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Trichlorofluoromethane	EPA 8260B	8L04011	8.3	ND	0.832	12/4/2008	12/4/2008	
1,2,3-Trichloropropane	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Vinyl chloride	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
m,p-Xylenes	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
o-Xylene	EPA 8260B	8L04011	1.7	ND	0.832	12/4/2008	12/4/2008	
Di-isopropyl Ether (DIPE)	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
Ethyl tert-butyl Ether (ETBE)	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
Methyl tert-butyl Ether (MTBE)	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	8L04011	4.2	ND	0.832	12/4/2008	12/4/2008	
tert-Butanol (TBA)	EPA 8260B	8L04011	83	ND	0.832	12/4/2008	12/4/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-133%)				99 %				
Surrogate: Toluene-d8 (80-120%)				97 %				

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Aaron Harris For Patty Mata
Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Delian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy: Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 503/5/8260B)

Sample ID: IRL0459-29 (EY-5 (S-6) - Soil)

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Benzene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Bromobenzene	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
Bromochloromethane	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
Bromodichloromethane	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Bromofluoromethane	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
Bromonitrobenzene	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
sec-Butylbenzene	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
tert-Butylbenzene	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
Carbon tetrachloride	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
Chlorobenzene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Chloroethane	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
Chloroform	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Chloromethane	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
2-Chlorotoluene	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
4-Chlorotoluene	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
1,2-Dibromo-3-chloropropane	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
Dibromochloromethane	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
1,2-Dibromomethane (EDB)	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Dibromomethane	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
1,2-Dichlorobenzene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
1,3-Dichlorobenzene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
1,4-Dichlorobenzene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Dichlorodifluoromethane	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
1,1-Dichloroethane	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
1,2-Dichloroethane	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
cis-1,2-Dichloroethane	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
trans-1,2-Dichloroethane	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
1,3-Dichloropropane	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
2,2-Dichloropropane	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
cis-1,3-Dichloropropene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
trans-1,3-Dichloropropene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
1,1-Dichloropropene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Ethylbenzene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Hexachlorobutadiene	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
Isopropylbenzene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
p-Isopropyltoluene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Methylene chloride	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Naphthalene	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Delian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy: Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 503/5/8260B)

Sample ID: IRL0459-29 (EY-5 (S-6) - Soil) - cont.

Reporting Units: ug/kg

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
n-Propylbenzene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Styrene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
1,1,1,2-Tetrachloroethane	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
1,1,2,2-Tetrachloroethane	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Tetrachloroethane	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Toluene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
1,2,3-Trichlorobenzene	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
1,2,4-Trichlorobenzene	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
1,1,1-Trichloroethane	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
1,1,2-Trichloroethane	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Trichloroethane	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Trichlorofluoromethane	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
1,2,3-Trichloropropane	EPA 8260B	8L04011	8.5	ND	0.85	12/4/2008	12/4/2008
1,2,4-Trimethylbenzene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
1,3,5-Trimethylbenzene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Vinyl chloride	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
m,p-Xylenes	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
o-Xylene	EPA 8260B	8L04011	1.7	ND	0.85	12/4/2008	12/4/2008
Di-isopropyl Ether (DIPE)	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
Ethyl tert-butyl Ether (ETBE)	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
tert-Amyl Methyl Ether (TAME)	EPA 8260B	8L04011	4.3	ND	0.85	12/4/2008	12/4/2008
tert-Butanol (TBA)	EPA 8260B	8L04011	85	ND	0.85	12/4/2008	12/4/2008
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %			
Surrogate: Dibromofluoromethane (80-135%)				99 %			
Surrogate: Toluene-d8 (80-120%)				99 %			

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Nordgate Environmental Management
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Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-30 (11_87T (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L04103	1.8	ND	0.909	12/4/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L04103	1.8	ND	0.909	12/4/2008	12/5/2008	
Toluene	EPA 8260B	8L04103	1.8	ND	0.909	12/4/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L04103	1.8	ND	0.909	12/4/2008	12/5/2008	
o-Xylene	EPA 8260B	8L04103	1.8	ND	0.909	12/4/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L04103	3.6	ND	0.909	12/4/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
				95 %				
				100 %				
				94 %				

Sample ID: IRL0459-31 (11_87T (5-6) - Soil)

Reporting Units: ug/kg

Benzene	EPA 8260B	8L04103	2.3	ND	1.15	12/4/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L04103	2.3	ND	1.15	12/4/2008	12/5/2008	
Toluene	EPA 8260B	8L04103	2.3	ND	1.15	12/4/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L04103	2.3	ND	1.15	12/4/2008	12/5/2008	
o-Xylene	EPA 8260B	8L04103	2.3	ND	1.15	12/4/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L04103	4.6	ND	1.15	12/4/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
				95 %				
				103 %				
				97 %				

Sample ID: IRL0459-32 (11_40K (0-1) - Soil)

Reporting Units: ug/kg

Benzene	EPA 8260B	8L04103	2.1	ND	1.04	12/4/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L04103	2.1	ND	1.04	12/4/2008	12/5/2008	
Toluene	EPA 8260B	8L04103	2.1	ND	1.04	12/4/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L04103	2.1	ND	1.04	12/4/2008	12/5/2008	
o-Xylene	EPA 8260B	8L04103	2.1	ND	1.04	12/4/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L04103	4.2	ND	1.04	12/4/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
				91 %				
				103 %				
				94 %				

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Newport Beach, CA 92660
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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-33 (11_40K (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05039	2.3	ND	1.15	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05039	2.3	ND	1.15	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05039	2.3	ND	1.15	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05039	2.3	ND	1.15	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05039	2.3	ND	1.15	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05039	4.6	ND	1.15	12/5/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
				95 %				
				94 %				
				95 %				

Sample ID: IRL0459-34 (11_40K (10-11) - Soil)

Reporting Units: ug/kg

Benzene	EPA 8260B	8L04103	1.9	ND	0.956	12/4/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L04103	1.9	ND	0.956	12/4/2008	12/5/2008	
Toluene	EPA 8260B	8L04103	1.9	ND	0.956	12/4/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L04103	1.9	ND	0.956	12/4/2008	12/5/2008	
o-Xylene	EPA 8260B	8L04103	1.9	ND	0.956	12/4/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L04103	3.8	ND	0.956	12/4/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
				93 %				
				103 %				
				99 %				

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Northgate Environmental Management
1100 Quail Street, Suite 102
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Attention: Derrick Willis

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy: Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date Extracted	Data Qualifiers
Sample ID: IRL0459-01 (L 23 B/C (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L04083	50	4400	10	100	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	35	ND	10	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	35	ND	10	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	35	42	10	1	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	35	79	10	2	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	35	210	10	5	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	35	360	10	8	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	35	550	10	13	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	35	370	10	8	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	35	880	10	20	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	35	590	10	13	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	35	590	10	13	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	35	370	10	8	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	35	180	10	4	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	35	110	10	3	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	35	ND	10	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
Sample ID: IRL0459-02 (L 23 B/C (5-6) - Soil)				827 %					

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Surrogate: n-Octacosane (40-125%)

Sample ID: IRL0459-02 (L 23 B/C (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L04083	50	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
Sample ID: IRL0459-03 (L 23 B/C (10-11) - Soil)				2030 %					

Surrogate: n-Octacosane (40-125%)

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy: Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date Extracted	Data Qualifiers
Sample ID: IRL0459-03 (L 23 B/C (10-11) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L04083	50	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	35	ND	1	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
Sample ID: IRL0459-04 (L 23 B (0-1) - Soil)				84 %					

Surrogate: n-Octacosane (40-125%)

Sample ID: IRL0459-04 (L 23 B (0-1) - Soil)

Sample ID: IRL0459-04 (L 23 B (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L04083	50	11000	10	100	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	35	ND	10	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	35	ND	10	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	35	78	10	1	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	35	170	10	2	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	35	140	10	1	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	35	910	10	8	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	35	1400	10	13	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	35	1100	10	10	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	35	2500	10	23	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	35	1700	10	15	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	35	1200	10	11	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	35	770	10	7	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	35	390	10	4	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	35	190	10	2	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	35	ND	10	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
Sample ID: IRL0459-05 (L 23 B/C (5-6) - Soil)				2030 %					

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-05 (L 23 B (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L04083	5.0	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
81 %									

Sample ID: IRL0459-06 (L 23 B (10-11) - Soil)

Reporting Units: mg/kg

EFH (C13 - C44)	EPA 8015 MOD.	8L04083	5.0	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-06 (L 23 B (10-11) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
88 %								
Sample ID: IRL0459-07 (L 36 B (0-1) - Soil)								
Reporting Units: mg/kg								
EFH (C13 - C44)	EPA 8015 MOD.	8L04083	500	25000	100	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	350	ND	100	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	350	ND	100	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	350	350	100	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	350	390	100	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	350	1400	100	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	350	2400	100	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	350	3400	100	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	350	2300	100	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	350	4700	100	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	350	3300	100	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	350	2400	100	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	350	3200	100	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	350	ND	100	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	350	740	100	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	350	ND	100	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)								
10400 %								

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Sample ID: IRL0459-08 (L 36 B (5-6) - Soil)

Reporting Units: mg/kg

EFH (C13 - C44)	EPA 8015 MOD.	8L04083	5.0	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date Extracted	Data Qualifiers
Sample ID: IRL0459-08 (L_36 B (5-6) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
94 %									
Sample ID: IRL0459-09 (L_36 B (10-11) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	5.0	34	1	100	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	3.5	4.8	1	14	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	3.5	4.5	1	13	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	3.5	4.5	1	13	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	3.5	4.2	1	12	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
92 %									
Sample ID: IRL0459-10 (L_73D (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	500	23000	100	100	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	350	ND	100	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	350	ND	100	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	350	ND	100	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	350	470	100	2	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	350	1200	100	5	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	350	1900	100	8	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	350	2700	100	12	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	350	2100	100	9	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	350	4300	100	19	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	350	3500	100	15	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	350	3000	100	13	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	350	1800	100	8	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	350	1000	100	4	12/4/2008	12/5/2008	

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date Extracted	Data Qualifiers
Sample ID: IRL0459-10 (L_73D (0-1) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	350	580	100	3	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	350	ND	100	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
3430 %									
Sample ID: IRL0459-11 (L_73D (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	5.0	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
68 %									
Sample ID: IRL0459-12 (L_73D (10-11) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	5.0	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date	Qualifiers
Sample ID: IRL0459-12 (L_73D (10-11) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-123%)									
98 %									

Sample ID: IRL0459-13 (L_73D (15-16) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	5.0	130	1	100	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	3.5	3.7	1	3	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	3.5	7.0	1	5	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	3.5	12	1	9	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	3.5	18	1	14	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	3.5	9.8	1	8	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	3.5	27	1	21	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	3.5	15	1	12	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	3.5	16	1	12	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	3.5	9.5	1	7	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	3.5	6.3	1	5	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	3.5	3.8	1	3	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-123%)									
159 %									

Sample ID: IRL0459-14 (L_81E (0-1) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	5.0	7600	10	100	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	3.5	ND	10	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	3.5	35	10	0	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	3.5	81	10	1	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	3.5	140	10	2	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	3.5	360	10	5	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	3.5	670	10	9	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	3.5	960	10	13	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	3.5	730	10	10	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	3.5	1600	10	21	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	3.5	1200	10	16	12/4/2008	12/5/2008	

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date	Qualifiers
Sample ID: IRL0459-14 (L_81E (0-1) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	3.5	820	10	11	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	3.5	530	10	7	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	3.5	330	10	4	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	3.5	160	10	2	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	3.5	ND	10	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-123%)									
170 %									

Sample ID: IRL0459-15 (L_81E (5-6) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	5.0	630	1	100	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	3.5	4.0	1	1	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	3.5	7.7	1	1	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	3.5	13	1	2	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	3.5	31	1	5	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	3.5	52	1	8	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	3.5	79	1	13	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	3.5	52	1	8	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	3.5	130	1	21	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	3.5	97	1	15	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	3.5	68	1	11	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	3.5	50	1	8	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	3.5	27	1	4	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-123%)									
365 %									

Sample ID: IRL0459-16 (L_81E (10-11) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	5.0	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	

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Analyte Method Batch Reporting Limit Sample Result Dilution % of Total Date Analyzed Date Qualifiers

Sample ID: IRL0459-16 (I_81E (0-11) - Soil) - cont.

Reporting Units: mg/kg

EFH (C33 - C34)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	

Surrogate: n-Octacosane (40-125%)

Sample ID: IRL0459-17 (I_55E (0-11) - Soil)

Reporting Units: mg/kg

EFH (C13 - C14)	EPA 8015 MOD.	8L04083	5.0	18	1	100	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	3.5	3.6	1	20	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	

Surrogate: n-Octacosane (40-125%)

Sample ID: IRL0459-18 (I_55E (5-6) - Soil)

Reporting Units: mg/kg

EFH (C13 - C14)	EPA 8015 MOD.	8L04083	5.0	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	

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Analyte Method Batch Reporting Limit Sample Result Dilution % of Total Date Analyzed Date Qualifiers

Sample ID: IRL0459-18 (I_55E (5-6) - Soil) - cont.

Reporting Units: mg/kg

EFH (C27 - C28)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	

Surrogate: n-Octacosane (40-125%)

Sample ID: IRL0459-19 (I_55E (10-11) - Soil)

Reporting Units: mg/kg

EFH (C13 - C14)	EPA 8015 MOD.	8L04083	5.0	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	

Surrogate: n-Octacosane (40-125%)

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Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-20 (EY-1 (0-1) - Soil)									
Reporting Units: mg/kg									
Surrogate: n-Octacosane (40-125%)									
EFH (C13 - C44)	EPA 8015 MOD.	8L04027	75	150	15	100	12/4/2008	12/6/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	52	92	15	61	12/4/2008	12/6/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04027	52	ND	15	N/A	12/4/2008	12/6/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04027	52	ND	15	N/A	12/4/2008	12/6/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04027	52	ND	15	N/A	12/4/2008	12/6/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04027	52	ND	15	N/A	12/4/2008	12/6/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04027	52	ND	15	N/A	12/4/2008	12/6/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04027	52	ND	15	N/A	12/4/2008	12/6/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04027	52	ND	15	N/A	12/4/2008	12/6/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04027	52	ND	15	N/A	12/4/2008	12/6/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04027	52	ND	15	N/A	12/4/2008	12/6/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04027	52	ND	15	N/A	12/4/2008	12/6/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04027	52	ND	15	N/A	12/4/2008	12/6/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04027	52	ND	15	N/A	12/4/2008	12/6/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04027	52	ND	15	N/A	12/4/2008	12/6/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04027	52	ND	15	N/A	12/4/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)									
110 %									

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Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-21 (EY-1 (5-6) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
89 %								
Sample ID: IRL0459-22 (EY-2 (0-1) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
EFH (C13 - C44)	EPA 8015 MOD.	8L04027	100	13000	20	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	70	ND	20	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04027	70	84	20	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04027	70	140	20	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04027	70	350	20	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04027	70	990	20	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04027	70	1600	20	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04027	70	2000	20	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04027	70	1200	20	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04027	70	1900	20	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04027	70	1200	20	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04027	70	1100	20	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04027	70	770	20	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04027	70	810	20	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04027	70	600	20	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04027	70	130	20	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)								
1850 %								

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Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-23 (EY-3 (5-6) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
73 %									
Sample ID: IRL0459-24 (EY-3 (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	5.0	ND	1	N/A	12/4/2008	12/6/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/6/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/6/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/6/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/6/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/6/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/6/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/6/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/6/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/6/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/6/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/6/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/6/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/6/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/6/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)									
75 %									
Sample ID: IRL0459-25 (EY-3 (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	5.0	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-25 (EY-3 (5-6) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C35 - C36)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
88 %									
Sample ID: IRL0459-26 (EY-4 (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	5.0	140	1	100	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	3.5	4.9	1	4	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04027	3.5	21	1	15	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04027	3.5	28	1	20	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04027	3.5	22	1	16	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04027	3.5	24	1	17	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04027	3.5	15	1	11	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04027	3.5	8.3	1	6	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04027	3.5	3.7	1	3	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04027	3.5	4.6	1	3	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
111 %									
Sample ID: IRL0459-27 (EY-4 (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	5.0	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-27 (EY-4 (5-6) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C31 - C32)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
89 %									
Sample ID: IRL0459-28 (EY-5 (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	620	22000	125	100	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04027	440	ND	125	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04027	440	ND	125	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04027	440	660	125	3	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04027	440	2600	125	12	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04027	440	3700	125	17	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04027	440	3900	125	18	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04027	440	2000	125	9	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04027	440	1800	125	8	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04027	440	1400	125	6	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04027	440	1900	125	8	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04027	440	1400	125	6	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04027	440	1000	125	5	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04027	440	1100	125	5	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04027	440	ND	125	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
2310 %									

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-29 (EY-5 (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	5.0	9.9	1	100	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
78 %									
Sample ID: IRL0459-30 (IL-8TT (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L04083	5.0	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04083	3.5	ND	1	N/A	12/4/2008	12/5/2008	

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THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/03/08
Received: 12/03/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-30 (IL 97T (0-1) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
79 %								
Sample ID: IRL0459-31 (IL 97T (5-6) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
ND								
EFH (C13 - C44)	EPA 8015 MOD.	8L04027	5.0	ND	1	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)								
81 %								

Sample ID: IRL0459-32 (IL 40K (0-1) - Soil)

Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
9.7								
EFH (C13 - C44)	EPA 8015 MOD.	8L04027	5.0	9.7	1	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	3.5	6.5	1	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)								
81 %								

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Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/03/08
Received: 12/03/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-32 (IL 40K (0-1) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
80 %								
Sample ID: IRL0459-33 (IL 40K (5-6) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
ND								
EFH (C13 - C44)	EPA 8015 MOD.	8L04027	5.0	ND	1	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)								
83 %								

Sample ID: IRL0459-34 (IL 40K (10-11) - Soil)

Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
ND								
EFH (C13 - C44)	EPA 8015 MOD.	8L04027	5.0	ND	1	12/4/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L04027	3.5	ND	1	12/4/2008	12/5/2008	

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0459-34 (IL_40K (10-11) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C31 - C32)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L04027	3.5	ND	1	N/A	12/4/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)				87 %					

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Data Qualifiers
Batch: 8L04027 Extracted: 12/04/08								
Blank Analyzed: 12/04/2008 (8L04027-BLK1)								
EFH (C13 - C22)	ND	5.0	mg/kg					
EFH (C13 - C40)	ND	5.0	mg/kg					
Surrogate: n-Octacosane	4.89		mg/kg	6.67		73	40-125	
LCS Analyzed: 12/04/2008 (8L04027-BST1)								
EFH (C13 - C40)	19.5	5.0	mg/kg	25.0		78	45-115	
Surrogate: n-Octacosane	5.63		mg/kg	6.67		84	40-125	
Matrix Spike Analyzed: 12/04/2008 (8L04027-MS1)								
EFH (C13 - C40)	20.9	5.0	mg/kg	25.0	ND	84	40-120	
Surrogate: n-Octacosane	5.65		mg/kg	6.67		85	40-125	
Source: IRL0459-21								
Matrix Spike Dup Analyzed: 12/05/2008 (8L04027-MSD1)								
EFH (C13 - C40)	21.5	5.0	mg/kg	25.0	ND	86	40-120	3
Surrogate: n-Octacosane	5.81		mg/kg	6.67		87	40-125	
Source: IRL0459-21								

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

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METHOD BLANK/QC DATA

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Data Qualifiers
Batch: 8L04029 Extracted: 12/04/08									
Blank Analyzed: 12/04/2008 (8L04029-BLK1)									
1,1'-Biphenyl	ND	2.0	mg/kg						
1,1'-Oxybisbenzene	ND	2.0	mg/kg						
Surrogate: n-Octacosane	5.40		mg/kg	6.67		81	40-125		
LCS Analyzed: 12/04/2008 (8L04029-BS1)									
1,1'-Biphenyl	2.39	2.0	mg/kg	3.33					
1,1'-Oxybisbenzene	2.40	2.0	mg/kg	3.33		72	50-115		
Surrogate: n-Octacosane	4.98		mg/kg	6.67		75	40-125		
Matrix Spike Analyzed: 12/04/2008 (8L04029-MS1)									
1,1'-Biphenyl	2.51	2.0	mg/kg	3.33	ND	75	35-120		
1,1'-Oxybisbenzene	2.52	2.0	mg/kg	3.33	ND	75	35-120		
Surrogate: n-Octacosane	5.30		mg/kg	6.67		79	40-125		
Matrix Spike Dup Analyzed: 12/04/2008 (8L04029-MSD1)									
1,1'-Biphenyl	2.58	2.0	mg/kg	3.33	ND	77	35-120	3	30
1,1'-Oxybisbenzene	2.59	2.0	mg/kg	3.33	ND	78	35-120	3	30
Surrogate: n-Octacosane	5.56		mg/kg	6.67		83	40-125		
Batch: 8L04084 Extracted: 12/04/08									
Blank Analyzed: 12/04/2008 (8L04084-BLK1)									
1,1'-Biphenyl	ND	2.0	mg/kg						
1,1'-Oxybisbenzene	ND	2.0	mg/kg						
Surrogate: n-Octacosane	5.16		mg/kg	6.67		77	40-125		
LCS Analyzed: 12/04/2008 (8L04084-BS1)									
1,1'-Biphenyl	2.89	2.0	mg/kg	3.33		87	50-115		
1,1'-Oxybisbenzene	2.89	2.0	mg/kg	3.33		87	50-115		
Surrogate: n-Octacosane	6.26		mg/kg	6.67		94	40-125		

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2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

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METHOD BLANK/QC DATA

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Data Qualifiers
Batch: 8L04084 Extracted: 12/04/08									
Matrix Spike Analyzed: 12/04/2008 (8L04084-MS1)									
1,1'-Biphenyl	2.94	4.0	mg/kg	3.33	ND	88	35-120		
1,1'-Oxybisbenzene	6.93	4.0	mg/kg	3.33	ND	208	35-120		M/I
Surrogate: n-Octacosane	0.00		mg/kg	6.67			40-125		Z9
Matrix Spike Dup Analyzed: 12/04/2008 (8L04084-MSD1)									
1,1'-Biphenyl	3.03	4.0	mg/kg	3.33	ND	91	35-120	3	30
1,1'-Oxybisbenzene	7.17	4.0	mg/kg	3.33	ND	215	35-120	3	M/I
Surrogate: n-Octacosane	1.86		mg/kg	6.67		28	40-125		Z

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2024.01.01S-01
Report Number: IRL0459Sampled: 12/03/08
Received: 12/03/08

METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	%REC	RPD Limit	Data Qualifiers
Batch: 8L04027 Extracted: 12/04/08									
Blank Analyzed: 12/04/2008 (8L04027-BLK1)									
EFH (C13 - C44)	ND	5.0	mg/kg						
EFH (C13 - C28)	ND	5.0	mg/kg						
Surrogate: n-Octacosane	4.89		mg/kg	6.67		73	40-125		
LCS Analyzed: 12/04/2008 (8L04027-BS1)									
EFH (C13 - C28)	19.5	5.0	mg/kg	25.0		78	45-115		
Surrogate: n-Octacosane	5.63		mg/kg	6.67		84	40-125		
Matrix Spike Analyzed: 12/04/2008 (8L04027-MS1)									
EFH (C13 - C44)	20.9	5.0	mg/kg	33.3	ND	63	40-120		
Surrogate: n-Octacosane	5.65		mg/kg	6.67		85	40-125		
Matrix Spike Dup Analyzed: 12/05/2008 (8L04027-MSD1)									
EFH (C13 - C44)	21.5	5.0	mg/kg	33.3	ND	64	40-120	3	30
Surrogate: n-Octacosane	5.81		mg/kg	6.67		87	40-125		
Batch: 8L04083 Extracted: 12/04/08									
Blank Analyzed: 12/05/2008 (8L04083-BLK1)									
EFH (C13 - C44)	ND	5.0	mg/kg						
EFH (C13 - C28)	ND	5.0	mg/kg						
Surrogate: n-Octacosane	5.67		mg/kg	6.67		85	40-125		
LCS Analyzed: 12/05/2008 (8L04083-BS1)									
EFH (C13 - C28)	22.9	5.0	mg/kg	25.0		91	45-115		
Surrogate: n-Octacosane	6.01		mg/kg	6.67		90	40-125		

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2024.01.01S-01
Report Number: IRL0459Sampled: 12/03/08
Received: 12/03/08

METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	%REC	RPD Limit	Data Qualifiers
Batch: 8L04083 Extracted: 12/04/08									
Matrix Spike Analyzed: 12/05/2008 (8L04083-MS1)									
EFH (C13 - C44)	23.0	5.0	mg/kg	33.3	ND	69	40-120		
Surrogate: n-Octacosane	5.80		mg/kg	6.67		87	40-125		
Matrix Spike Dup Analyzed: 12/05/2008 (8L04083-MSD1)									
EFH (C13 - C44)	23.3	5.0	mg/kg	33.3	ND	70	40-120	1	30
Surrogate: n-Octacosane	5.65		mg/kg	6.67		85	40-125		

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Northgate Environmental Management

Project ID: Solar Energy Generating System

1100 Quail Street, Suite 102

2024.01.01S-01

Sampled: 12/03/08

Newport Beach, CA 92660

Report Number: IRL0459

Received: 12/03/08

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Northgate Environmental Management

Project ID: Solar Energy Generating System

1100 Quail Street, Suite 102

2024.01.01S-01

Sampled: 12/03/08

Newport Beach, CA 92660

Report Number: IRL0459

Attention: Derrick Willis

METHOD BLANK/QC DATA

VOLATILE HYDROCARBON DISTRIBUTION (EPA 8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Data Qualifiers
Batch: 8L04113, Extracted: 12/04/08										
Blank Analyzed: 12/04/2008 (8L04113-BLK1)										
C4-C5	ND	0.060	mg/kg							
GRO (C4 - C12)	ND	0.40	mg/kg							
C6	ND	0.060	mg/kg							
C7	ND	0.060	mg/kg							
C8	ND	0.060	mg/kg							
C9	ND	0.060	mg/kg							
C10	ND	0.060	mg/kg							
C11	ND	0.060	mg/kg							
C12	ND	0.060	mg/kg							
Surrogate: 4-BFB (FID)	0.0223		mg/kg	0.0200		112	65-140			
LCS Analyzed: 12/05/2008 (8L04113-BLS1)										
GRO (C4 - C12)	1.65	0.40	mg/kg	1.60		103	70-135			
Surrogate: 4-BFB (FID)	0.0271		mg/kg	0.0200		135	65-140			
LCS Dup Analyzed: 12/04/2008 (8L04113-BSD1)										
GRO (C4 - C12)	1.70	0.40	mg/kg	1.60		106	70-135	3	20	
Surrogate: 4-BFB (FID)	0.0213		mg/kg	0.0200		106	65-140			
Batch: 8L06001, Extracted: 12/06/08										
Blank Analyzed: 12/06/2008 (8L06001-BLK1)										
C4-C5	ND	0.060	mg/kg							
GRO (C4 - C12)	ND	0.40	mg/kg							
C6	ND	0.060	mg/kg							
C7	ND	0.060	mg/kg							
C8	ND	0.060	mg/kg							
C9	ND	0.060	mg/kg							
C10	ND	0.060	mg/kg							
C11	ND	0.060	mg/kg							
C12	ND	0.060	mg/kg							
Surrogate: 4-BFB (FID)	0.0216		mg/kg	0.0200		108	65-140			

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METHOD BLANK/QC DATA

VOLATILE HYDROCARBON DISTRIBUTION (EPA 8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Data Qualifiers
Batch: 8L06001, Extracted: 12/06/08										
LCS Analyzed: 12/06/2008 (8L06001-BLS1)										
GRO (C4 - C12)	1.66	0.40	mg/kg	1.60		104	70-135			
Surrogate: 4-BFB (FID)	0.0221		mg/kg	0.0200		161	65-140			
Matrix Spike Analyzed: 12/06/2008 (8L06001-MS1)										
GRO (C4 - C12)	0.444	0.34	mg/kg	0.375	ND	118	60-140			
Surrogate: 4-BFB (FID)	0.0219		mg/kg	0.0171		128	65-140			
Matrix Spike Dup Analyzed: 12/06/2008 (8L06001-MSD1)										
GRO (C4 - C12)	0.405	0.33	mg/kg	0.367	ND	111	60-140	9	30	
Surrogate: 4-BFB (FID)	0.0185		mg/kg	0.0167		111	65-140			

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Data Qualifiers
Batch: 8104011 Extracted: 12/04/08									
Blank Analyzed: 12/04/2008 (8104011-BLK1)									
Benzene	ND	2.0	ug/kg						
Benzene	ND	2.0	ug/kg						
Bromobenzene	ND	5.0	ug/kg						
Bromochloromethane	ND	5.0	ug/kg						
Bromodichloromethane	ND	2.0	ug/kg						
Bromoforn	ND	5.0	ug/kg						
Bromomethane	ND	5.0	ug/kg						
n-Butylbenzene	ND	5.0	ug/kg						
sec-Butylbenzene	ND	5.0	ug/kg						
tert-Butylbenzene	ND	5.0	ug/kg						
Carbon tetrachloride	ND	5.0	ug/kg						
Chlorobenzene	ND	2.0	ug/kg						
Chloroethane	ND	5.0	ug/kg						
Chloroform	ND	2.0	ug/kg						
Chloromethane	ND	5.0	ug/kg						
2-Chlorotoluene	ND	5.0	ug/kg						
4-Chlorotoluene	ND	5.0	ug/kg						
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg						
Dibromochloromethane	ND	2.0	ug/kg						
1,2-Dibromomethane (EDB)	ND	2.0	ug/kg						
Dibromomethane	ND	2.0	ug/kg						
1,2-Dichlorobenzene	ND	2.0	ug/kg						
1,3-Dichlorobenzene	ND	2.0	ug/kg						
1,4-Dichlorobenzene	ND	2.0	ug/kg						
Dichlorodifluoromethane	ND	2.0	ug/kg						
1,1-Dichloroethane	ND	2.0	ug/kg						
1,2-Dichloroethane	ND	2.0	ug/kg						
1,1-Dichloroethene	ND	5.0	ug/kg						
cis-1,2-Dichloroethene	ND	2.0	ug/kg						
trans-1,2-Dichloroethene	ND	2.0	ug/kg						
1,2-Dichloropropane	ND	2.0	ug/kg						
1,3-Dichloropropane	ND	2.0	ug/kg						
2,2-Dichloropropane	ND	2.0	ug/kg						
cis-1,3-Dichloropropene	ND	2.0	ug/kg						
trans-1,3-Dichloropropene	ND	2.0	ug/kg						
1,1-Dichloropropene	ND	2.0	ug/kg						

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Data Qualifiers
Batch: 8104011 Extracted: 12/04/08									
Blank Analyzed: 12/04/2008 (8104011-BLK1)									
Ethylbenzene	ND	2.0	ug/kg						
Ethylbenzene	ND	2.0	ug/kg						
Hexachlorobutadiene	ND	5.0	ug/kg						
Isopropylbenzene	ND	2.0	ug/kg						
p-Isopropyltoluene	ND	2.0	ug/kg						
Methylene chloride	ND	20	ug/kg						
Naphthalene	ND	5.0	ug/kg						
n-Propylbenzene	ND	2.0	ug/kg						
Styrene	ND	2.0	ug/kg						
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg						
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg						
Tetrachloroethene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
1,2,3-Trichlorobenzene	ND	5.0	ug/kg						
1,2,4-Trichlorobenzene	ND	5.0	ug/kg						
1,1,1-Trichloromethane	ND	2.0	ug/kg						
1,1,2-Trichloroethane	ND	2.0	ug/kg						
Trichloroethene	ND	2.0	ug/kg						
Trichlorofluoromethane	ND	5.0	ug/kg						
1,2,3-Trichloropropane	ND	10	ug/kg						
1,2,4-Trimethylbenzene	ND	2.0	ug/kg						
1,3,5-Trimethylbenzene	ND	2.0	ug/kg						
Vinyl chloride	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
Xylenes, Total	ND	4.0	ug/kg						
Di-isopropyl Ether (DIPE)	ND	5.0	ug/kg						
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/kg						
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg						
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/kg						
tert-Butanol (TBA)	ND	100	ug/kg						
Surrogate: 4-Bromofluorobenzene	46.0		ug/kg	50.0			92	75-120	
Surrogate: 4-Bromofluorobenzene	46.0		ug/kg	50.0			92	75-120	

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

17461 Delaria Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Data Qualifiers
Batch: 8L04011 Extracted: 12/04/08									
Blank Analyzed: 12/04/2008 (8L04011-BLK1)									
Surrigate: Dibromofluoromethane	49.1		ug/kg	50.0		98	80-135		
Surrigate: Dibromofluoromethane	49.1		ug/kg	50.0		98	80-135		
Surrigate: Toluene-d8	47.2		ug/kg	50.0		94	80-120		
Surrigate: Toluene-d8	47.2		ug/kg	50.0		94	80-120		
LCS Analyzed: 12/04/2008 (8L04011-BS1)									
Benzene	47.8	2.0	ug/kg	50.0		96	65-120		
Benzene	47.8	2.0	ug/kg	50.0		96	65-120		
Bromobenzene	52.2	5.0	ug/kg	50.0		104	70-120		
Bromochloromethane	53.0	5.0	ug/kg	50.0		106	75-145		
Bromodichloromethane	52.3	2.0	ug/kg	50.0		105	75-135		
Bromofom	55.6	5.0	ug/kg	50.0		111	75-135		
Bromomethane	43.4	5.0	ug/kg	50.0		87	65-140		
n-Butylbenzene	47.9	5.0	ug/kg	50.0		96	65-115		
sec-Butylbenzene	45.6	5.0	ug/kg	50.0		91	70-120		
tert-Butylbenzene	46.4	5.0	ug/kg	50.0		93	60-110		
Carbon tetrachloride	46.5	5.0	ug/kg	50.0		93	65-130		
Chlorobenzene	53.0	2.0	ug/kg	50.0		106	70-120		
Chloroethane	33.6	5.0	ug/kg	50.0		67	60-135		
Chloroform	43.5	2.0	ug/kg	50.0		87	70-140		
Chloromethane	41.5	5.0	ug/kg	50.0		83	45-135		
2-Chlorotoluene	44.3	5.0	ug/kg	50.0		89	60-115		
4-Chlorotoluene	45.7	5.0	ug/kg	50.0		91	65-115		
1,2-Dibromo-3-chloropropane	72.0	5.0	ug/kg	50.0		144	75-150		
Dibromochloromethane	58.5	2.0	ug/kg	50.0		117	75-135		
1,2-Dibromomethane (EDB)	62.9	2.0	ug/kg	50.0		126	85-140		
Dibromomethane	60.0	2.0	ug/kg	50.0		120	80-145		
1,2-Dichlorobenzene	53.3	2.0	ug/kg	50.0		107	75-125		
1,3-Dichlorobenzene	50.0	2.0	ug/kg	50.0		100	70-115		
1,4-Dichlorobenzene	50.8	2.0	ug/kg	50.0		102	70-120		
Dichlorodifluoromethane	42.9	5.0	ug/kg	50.0		86	35-160		
1,1-Dichloroethane	45.4	2.0	ug/kg	50.0		91	65-135		
1,2-Dichloroethane	55.0	2.0	ug/kg	50.0		110	80-140		
1,1-Dichloroethene	47.4	5.0	ug/kg	50.0		95	55-130		
cis-1,2-Dichloroethene	50.4	2.0	ug/kg	50.0		101	65-135		
trans-1,2-Dichloroethene	47.1	2.0	ug/kg	50.0		94	65-135		

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Project Manager

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Nortgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

17461 Delaria Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Data Qualifiers
Batch: 8L04011 Extracted: 12/04/08									
LCS Analyzed: 12/04/2008 (8L04011-BS1)									
1,2-Dichloropropane	52.4	2.0	ug/kg	50.0		105	65-130		
1,3-Dichloropropane	58.4	2.0	ug/kg	50.0		117	80-135		
2,3-Dichloropropane	43.9	2.0	ug/kg	50.0		88	65-140		
cis-1,3-Dichloropropene	63.6	2.0	ug/kg	50.0		127	75-135		
trans-1,3-Dichloropropene	52.4	2.0	ug/kg	50.0		105	75-145		
1,1-Dichloropropene	49.8	2.0	ug/kg	50.0		100	80-120		
Ethylbenzene	50.7	2.0	ug/kg	50.0		101	70-120		
Styrene	50.7	2.0	ug/kg	50.0		101	70-120		
Hexachlorobutadiene	50.1	5.0	ug/kg	50.0		100	60-135		
Isopropylbenzene	45.7	2.0	ug/kg	50.0		91	55-120		
p-Isopropyltoluene	46.4	2.0	ug/kg	50.0		93	70-120		
Methylene chloride	45.0	2.0	ug/kg	50.0		90	60-140		
Naphthalene	71.7	5.0	ug/kg	50.0		143	70-160		
n-Propylbenzene	43.5	2.0	ug/kg	50.0		91	60-115		
Styrene	54.0	5.0	ug/kg	50.0		108	70-130		
1,1,1,2-Tetrachloroethane	52.5	2.0	ug/kg	50.0		105	75-130		
1,1,2,2-Tetrachloroethane	67.2	2.0	ug/kg	50.0		134	75-150		
Tetrachloroethene	50.4	2.0	ug/kg	50.0		101	65-130		
Toluene	46.2	2.0	ug/kg	50.0		92	70-120		
Toluene	46.2	2.0	ug/kg	50.0		92	70-120		
1,2,3-Trichlorobenzene	61.5	5.0	ug/kg	50.0		123	75-145		
1,2,4-Trichlorobenzene	59.2	5.0	ug/kg	50.0		118	70-145		
1,1,1-Trichloroethane	43.9	2.0	ug/kg	50.0		88	70-130		
1,1,2-Trichloroethane	62.4	2.0	ug/kg	50.0		125	80-145		
Trichloroethene	50.1	2.0	ug/kg	50.0		100	65-120		
Trichlorofluoromethane	42.5	5.0	ug/kg	50.0		85	60-145		
1,2,3-Trichloropropane	59.6	10	ug/kg	50.0		119	65-150		
1,2,4-Trimethylbenzene	47.2	2.0	ug/kg	50.0		94	65-115		
1,3,5-Trimethylbenzene	46.1	2.0	ug/kg	50.0		92	65-115		
Vinyl chloride	42.6	5.0	ug/kg	50.0		85	45-135		
m,p-Xylenes	103	2.0	ug/kg	100		103	65-120		
m,p-Xylenes	103	2.0	ug/kg	100		103	65-120		
o-Xylene	52.3	2.0	ug/kg	50.0		105	70-125		
o-Xylene	52.3	2.0	ug/kg	50.0		105	70-125		
Xylenes, Total	155	4.0	ug/kg	150		103	65-125		
Di-isopropyl Ether (DIPE)	46.9	5.0	ug/kg	50.0		94	75-140		

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Aaron Harris For Patty Mata
Project Manager

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

17461 Delmar Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Data Qualifiers
Batch: 8L04011 Extracted: 12/04/08								
LCS Analyzed: 12/04/2008 (8L04011-BS1)								
Benzene	48.1	2.0	ug/kg	50.0	104	70-150	1	MNR
Benzene	48.1	2.0	ug/kg	50.0	110	75-150	1	
Bromobenzene	53.4	5.0	ug/kg	50.0	111	75-150	2	
Bromochloromethane	54.6	5.0	ug/kg	50.0	105	70-125	3	
Bromodichloromethane	52.5	2.0	ug/kg	50.0	109	75-135	0	
Bromofrom	51.3	5.0	ug/kg	50.0	103	75-135	8	
Bromomethane	43.9	5.0	ug/kg	50.0	88	65-140	1	
n-Butylbenzene	48.8	5.0	ug/kg	50.0	96	65-115	2	
sec-Butylbenzene	48.1	5.0	ug/kg	50.0	96	70-120	5	
tert-Butylbenzene	48.0	5.0	ug/kg	50.0	96	60-110	3	
Carbon tetrachloride	47.6	5.0	ug/kg	50.0	95	65-130	2	
Chlorobenzene	49.9	2.0	ug/kg	50.0	100	70-120	6	
Chloroethane	45.0	5.0	ug/kg	50.0	90	60-135	29	
Chloroform	44.4	2.0	ug/kg	50.0	89	70-140	2	
Chloromethane	43.7	5.0	ug/kg	50.0	87	45-135	5	
2-Chlorotoluene	47.4	5.0	ug/kg	50.0	95	60-115	7	
4-Chlorotoluene	48.0	5.0	ug/kg	50.0	96	65-115	5	
1,2-Dibromo-3-chloropropane	70.6	5.0	ug/kg	50.0	141	75-150	2	
Dibromochloromethane	54.5	2.0	ug/kg	50.0	109	75-135	7	
1,2-Dibromomethane (EDB)	59.2	2.0	ug/kg	50.0	118	85-140	6	
Dibromomethane	59.9	2.0	ug/kg	50.0	120	80-145	0	
1,2-Dichlorobenzene	52.3	2.0	ug/kg	50.0	105	75-125	2	
1,3-Dichlorobenzene	52.2	2.0	ug/kg	50.0	104	70-115	4	
1,4-Dichlorobenzene	51.7	2.0	ug/kg	50.0	103	70-120	2	

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Project Manager

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

17461 Delmar Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Data Qualifiers
Batch: 8L04011 Extracted: 12/04/08								
LCS Dup Analyzed: 12/04/2008 (8L04011-BSD1)								
Dichlorodifluoromethane	43.8	5.0	ug/kg	50.0	88	35-160	2	30
1,1-Dichloroethane	45.6	2.0	ug/kg	50.0	91	65-135	0	20
1,2-Dichloroethane	55.3	2.0	ug/kg	50.0	111	80-140	0	20
1,1-Dichlorobenzene	49.4	5.0	ug/kg	50.0	99	55-130	4	20
cis-1,2-Dichloroethene	50.1	2.0	ug/kg	50.0	100	65-135	1	20
trans-1,2-Dichloroethene	49.1	2.0	ug/kg	50.0	98	65-135	4	20
1,2-Dichloropropane	51.5	2.0	ug/kg	50.0	103	65-130	2	20
1,3-Dichloropropane	55.7	2.0	ug/kg	50.0	111	80-135	5	20
2,2-Dichloropropane	42.6	2.0	ug/kg	50.0	85	65-140	3	20
cis-1,3-Dichloropropene	65.8	2.0	ug/kg	50.0	132	75-135	3	20
trans-1,3-Dichloropropene	52.9	2.0	ug/kg	50.0	106	75-145	1	20
1,1-Dichloropropene	52.1	2.0	ug/kg	50.0	104	80-120	5	20
Ethylbenzene	47.7	2.0	ug/kg	50.0	95	70-120	6	20
Ethylbenzene	47.7	2.0	ug/kg	50.0	95	70-120	6	30
Hexachlorobutadiene	51.0	5.0	ug/kg	50.0	102	60-135	2	20
Isopropylbenzene	47.7	2.0	ug/kg	50.0	95	55-120	4	20
p-Isopropyltoluene	48.7	2.0	ug/kg	50.0	97	70-120	5	20
Methylene chloride	46.6	20	ug/kg	50.0	93	60-140	3	20
Naphthalene	72.9	5.0	ug/kg	50.0	146	70-160	2	25
n-Propylbenzene	46.2	2.0	ug/kg	50.0	92	60-115	1	20
Styrene	49.0	2.0	ug/kg	50.0	98	70-130	10	20
1,1,1,2-Tetrachloroethane	49.4	5.0	ug/kg	50.0	99	75-130	6	20
1,1,2,2-Tetrachloroethane	68.3	2.0	ug/kg	50.0	137	75-150	2	30
Tetrachloroethene	47.2	2.0	ug/kg	50.0	94	65-130	6	20
Toluene	50.3	2.0	ug/kg	50.0	101	70-120	9	20
Toluene	50.3	2.0	ug/kg	50.0	101	70-120	9	20
1,2,3-Trichlorobenzene	61.6	5.0	ug/kg	50.0	123	75-145	0	20
1,2,4-Trichlorobenzene	60.6	5.0	ug/kg	50.0	121	70-145	2	20
1,1,1-Trichloroethane	44.8	2.0	ug/kg	50.0	90	70-130	2	20
1,1,2-Trichloroethane	63.0	2.0	ug/kg	50.0	126	80-145	1	20
Trichloroethene	52.1	2.0	ug/kg	50.0	104	65-120	4	20
Trichlorofluoromethane	44.7	5.0	ug/kg	50.0	89	60-145	5	25
1,2,3-Trichloropropane	63.0	10	ug/kg	50.0	126	65-150	6	25
1,2,4-Trimethylbenzene	48.8	2.0	ug/kg	50.0	98	65-115	3	20
1,3,5-Trimethylbenzene	47.4	2.0	ug/kg	50.0	95	65-115	3	20
Vinyl chloride	42.8	5.0	ug/kg	50.0	86	45-135	0	25

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Aaron Harris For Patty Mata
Project Manager

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System

Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System

Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	Data Qualifiers
Batch: 8L04011 Extracted: 12/04/08									
LCS Dup Analyzed: 12/04/2008 (8L04011-BSD1)									
m,p-Xylenes	95.9	2.0	ug/kg	100	95.9	96	65-120	7	30
m,p-Xylenes	95.9	2.0	ug/kg	100	95.9	96	65-120	7	20
o-Xylene	49.3	2.0	ug/kg	50.0	49.3	99	70-125	6	30
o-Xylene	49.3	2.0	ug/kg	50.0	49.3	99	70-125	6	20
Xylenes, Total	145	4.0	ug/kg	150	145	97	65-125	7	20
Diisopropyl Ether (DIPE)	48.5	5.0	ug/kg	50.0	48.5	97	75-140	3	20
Ethyl tert-butyl Ether (ETBE)	52.1	5.0	ug/kg	50.0	52.1	104	70-150	0	20
Methyl-tert-butyl Ether (MTBE)	55.8	5.0	ug/kg	50.0	55.8	112	75-150	1	20
tert-Amyl Methyl Ether (TAME)	55.4	5.0	ug/kg	50.0	55.4	111	75-150	0	20
tert-Butanol (TBA)	259	100	ug/kg	250	259	104	70-125	2	20
Surrogate: 4-Bromofluorobenzene	46.7	ug/kg	ug/kg	50.0	46.7	93	75-120		
Surrogate: 4-Bromofluorobenzene	46.7	ug/kg	ug/kg	50.0	46.7	93	75-120		
Surrogate: Dibromofluoromethane	47.3	ug/kg	ug/kg	50.0	47.3	95	80-135		
Surrogate: Dibromofluoromethane	47.3	ug/kg	ug/kg	50.0	47.3	95	80-135		
Surrogate: Toluene-d8	49.9	ug/kg	ug/kg	50.0	49.9	100	80-120		
Surrogate: Toluene-d8	49.9	ug/kg	ug/kg	50.0	49.9	100	80-120		

Batch: 8L04103 Extracted: 12/04/08

Blank Analyzed: 12/04/2008 (8L04103-BLK1)

Benzene	ND	2.0	ug/kg						
Ethylbenzene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
Xylenes, Total	ND	4.0	ug/kg						
Surrogate: 4-Bromofluorobenzene	47.4	ug/kg	ug/kg	50.0	47.4	95	75-120		
Surrogate: Dibromofluoromethane	51.5	ug/kg	ug/kg	50.0	51.5	103	80-135		
Surrogate: Toluene-d8	49.6	ug/kg	ug/kg	50.0	49.6	99	80-120		

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Aaron Harris For Patty Mala
Project Manager

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	Data Qualifiers
Batch: 8L04103 Extracted: 12/04/08									
LCS Analyzed: 12/04/2008 (8L04103-BSD1)									
Benzene	50.7	2.0	ug/kg	50.0	50.7	101	65-120		MNR1
Ethylbenzene	52.2	2.0	ug/kg	50.0	52.2	104	70-120		
Toluene	52.3	2.0	ug/kg	50.0	52.3	105	70-120		
m,p-Xylenes	107	2.0	ug/kg	100	107	107	65-120		
o-Xylene	54.6	2.0	ug/kg	50.0	54.6	109	70-125		
Xylenes, Total	162	4.0	ug/kg	150	162	108	65-125		
Surrogate: 4-Bromofluorobenzene	48.3	ug/kg	ug/kg	50.0	48.3	97	75-120		
Surrogate: Dibromofluoromethane	50.8	ug/kg	ug/kg	50.0	50.8	102	80-135		
Surrogate: Toluene-d8	49.0	ug/kg	ug/kg	50.0	49.0	98	80-120		
LCS Dup Analyzed: 12/04/2008 (8L04103-BSD1)									
Benzene	51.2	2.0	ug/kg	50.0	51.2	102	65-120	1	30
Ethylbenzene	50.2	2.0	ug/kg	50.0	50.2	100	70-120	4	30
Toluene	50.8	2.0	ug/kg	50.0	50.8	102	70-120	3	30
m,p-Xylenes	98.2	2.0	ug/kg	100	98.2	98	65-120	9	30
o-Xylene	51.3	2.0	ug/kg	50.0	51.3	103	70-125	6	30
Xylenes, Total	149	4.0	ug/kg	150	149	100	65-125	8	20
Surrogate: 4-Bromofluorobenzene	46.1	ug/kg	ug/kg	50.0	46.1	92	75-120		
Surrogate: Dibromofluoromethane	50.5	ug/kg	ug/kg	50.0	50.5	101	80-135		
Surrogate: Toluene-d8	49.4	ug/kg	ug/kg	50.0	49.4	99	80-120		

Batch: 8L05039 Extracted: 12/05/08

Blank Analyzed: 12/05/2008 (8L05039-BLK1)

Benzene	ND	2.0	ug/kg						
Ethylbenzene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
Xylenes, Total	ND	4.0	ug/kg						
Surrogate: 4-Bromofluorobenzene	46.7	ug/kg	ug/kg	50.0	46.7	93	75-120		
Surrogate: Dibromofluoromethane	47.6	ug/kg	ug/kg	50.0	47.6	95	80-135		
Surrogate: Toluene-d8	47.5	ug/kg	ug/kg	50.0	47.5	95	80-120		

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Aaron Harris For Patty Mala
Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Data Qualifiers
Batch: 81.05039 Extracted: 12/05/08										
LCS Analyzed: 12/05/2008 (81.05039-B51)										
Benzene	46.0	2.0	ug/kg	50.0	92	65-120				MNRI
Ethylbenzene	51.5	2.0	ug/kg	50.0	103	70-120				
Toluene	47.2	2.0	ug/kg	50.0	94	70-120				
m,p-Xylenes	104	2.0	ug/kg	100	104	65-120				
o-Xylene	51.6	2.0	ug/kg	50.0	103	70-125				
Xylenes, Total	136	4.0	ug/kg	130	104	65-125				
Surrogate: 4-Bromofluorobenzene	48.5		ug/kg	50.0	97	75-120				
Surrogate: Dibromofluoromethane	49.2		ug/kg	50.0	98	80-135				
Surrogate: Toluene-d8	47.1		ug/kg	50.0	94	80-120				
LCS Dup Analyzed: 12/05/2008 (81.05039-BSD1)										
Benzene	44.7	2.0	ug/kg	50.0	89	65-120		3	30	
Ethylbenzene	50.1	2.0	ug/kg	50.0	100	70-120		3	30	
Toluene	46.1	2.0	ug/kg	50.0	92	70-120		2	30	
m,p-Xylenes	101	2.0	ug/kg	100	101	65-120		3	30	
o-Xylene	50.3	2.0	ug/kg	50.0	101	70-125		3	30	
Xylenes, Total	152	4.0	ug/kg	150	101	65-125		3	20	
Surrogate: 4-Bromofluorobenzene	48.5		ug/kg	50.0	97	75-120				
Surrogate: Dibromofluoromethane	48.8		ug/kg	50.0	98	80-135				
Surrogate: Toluene-d8	47.3		ug/kg	50.0	95	80-120				

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Aaron Harris For Patty Mata
Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0459

Sampled: 12/03/08
Received: 12/03/08

DATA QUALIFIERS AND DEFINITIONS

- I Internal Standard recovery was outside of method limits. Matrix interference was confirmed.
- M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- MNRI There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
- R-7 LFL/LPBD RPD exceeded the acceptance limit. Recovery met acceptance criteria.
- RL2 Reporting limit raised due to high concentrations of hydrocarbons.
- Z Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
- Z2 Surrogate recovery was above the acceptance limits. Data not impacted.
- Z3 The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
- Z9 Unable to calculate surrogate recovery due to matrix interference.
- ZX Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analytes:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <10% RSD.

The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Hydrocarbon Distribution Analytes:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For GRO (C4-C12):

GRO (C4-C12) is quantitated against a gasoline standard. Quantitation begins immediately following the methanol peak.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO):

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

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Aaron Harris For Patty Mata
Project Manager

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IRL0459 <Page 74 of 75>

Northgate Environmental Management

1100 Quail Street Suite 102

Newport Beach, CA 92660

Attention: Derrick Willis

Project ID: Solar Energy Generating System

2024.01.01S-01

Report Number: IRL0459

1

Sampled: 12/03/08

Received: 12/03/08

Certification Summary

TestAmerica Irvine		Matrix	Nelac	California
	Method			
	EPA 8015 MOD.	Soil	X	X
	EPA 8015B MOD	Soil	X	X
	EPA 8260B	Soil	X	X
	None	Soil		

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine
Aaron Harris For Patty Mata
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY FORM

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THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY FORM

17451 Darden Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-2357
 1014 E. Cooley Dr., Suite A, Corona, CA 92724 (909) 370-4007 FAX (909) 370-1046
 8600 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
 2500 E. Sunset Rd., Las Vegas, NV 89120 (702) 798-8630 FAX (702) 798-9621

Client Name/Address: Northgate Environmental
 1100 G St., #102 Newport Beach, CA
 Project Manager: Derrick Willis
 Phone Number: (949) 375-7004
 Fax Number: (949) 315-3365
 Project/PO Number: 2024.01

Sample Description	Matrix	Container	# of	Sampling	Sampling	Preservatives	Analysis Required
	Type		Containers	Date	Time		
I-81E (5-6)	Soil	17+34	4	12-3-08	11:34		BTX
I-81E (10-11)			4				TPH (C5-C23)
I-55E (0-1)			4				Diethyl ether/biogenic
I-55E (5-6)			4				BTX
I-55E (10-11)			4				BTX
EY-1 (5-6)			4				BTX
EY-2 (0-1)			4				BTX
EY-2 (5-6)			4				BTX
EY-3 (0-1)			4				BTX
EY-3 (5-6)			4				BTX
EY-4 (0-1)			4				BTX
EY-4 (5-6)			4				BTX
EY-5 (0-1)			4				BTX

Turnaround Time: (Check) 24 hours _____ 48 hours _____ 72 hours _____
 Sample Integrity: (Check) Intact _____ on ice _____
 Analysis Required: VOC's _____ BTX _____ TPH (C5-C23) _____ Diethyl ether/biogenic _____

Special Instructions: Upon receipt FAX COC's to Derrick Willis

Page 2 of 3

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING
 CHAIN OF CUSTODY FORM

Client Name/Address: Northgate Environmental
 1100 G St., #102 Newport Beach, CA
 Project Manager: Derrick Willis
 Phone Number: (949) 375-7004
 Fax Number: (949) 315-3365
 Project/PO Number: 2024.01

Sample Description	Matrix	Container	# of	Sampling	Sampling	Preservatives	Analysis Required
	Type		Containers	Date	Time		
EY-5 (5-6)	Soil	17+34	4	12-3-08	15:42		BTX
II-87T (0-1)			4				BTX
II-87T (5-6)			4				BTX
II-40K (0-1)			4				BTX
II-40K (5-6)			4				BTX
II-40K (10-11)			4				BTX

Turnaround Time: (Check) 24 hours _____ 48 hours _____ 72 hours _____
 Sample Integrity: (Check) Intact _____ on ice _____
 Analysis Required: VOC's _____ BTX _____ TPH (C5-C23) _____ Diethyl ether/biogenic _____

Special Instructions: Upon receipt FAX COC's to Derrick Willis

Page 3 of 3

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project.
 Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

CHAIN OF CUSTODY FORM

17461 Denham Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Coolidge Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
8630 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd., #3, Las Vegas, NV 89120 (702) 798-9620 FAX (702) 798-3621

Client Name/Address: Northgate Environmental Management, 1100 Bual, #102, Newport Beach, CA
Project Manager: Derrick Willis
Sample: Dana R. Brown
Fax Number: (949) 375-7004
Phone Number: (949) 315-3365

Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date	Sampling Time	Preservatives
I-23 B/C (0-1)	Soil	1-T+3V	4	12-3-08	07:59	
I-23 B/C (5-6)					08:04	
I-23 B/C (10-11)					08:05	
I-23 B (0-1)					08:22	
I-23 B (5-6)					08:24	
I-23 B (10-11)					08:32	
I-36 B (0-1)					09:10	
I-36 B (5-6)					09:12	
I-36 B (10-11)					09:14	
I-73 D (0-1)					10:22	
I-73 D (5-6)					10:24	
I-73 D (10-11)					10:26	
I-73 D (15-16)					10:54	
I-81 C (0-1)					11:29	

Received By: *[Signature]* Date/Time: 12-3-08 12:30
Received In Lab By: *[Signature]* Date/Time: 12-3-08 12:30
Sample Integrity: (Check) ☒ Intact ☐ on ice
Turnaround Time: (Check) ☐ 24 hours ☒ 48 hours ☐ 72 hours
Analysis Required: ☒ VOC's ☐ BTEX ☐ TPH (Cis-Gen) ☐ Diphenyl oxide/biphenyl

Special Instructions: H=Hold, A=Analyze, upon receipt, FAX COC to Derrick Willis

Project/PO Number: 2024.01

12.52

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

CHAIN OF CUSTODY FORM

17461 Denham Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Coolidge Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
8630 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd., #3, Las Vegas, NV 89120 (702) 798-9620 FAX (702) 798-3621

Client Name/Address: Northgate Environmental Management, 1100 Bual, #102, Newport Beach, CA
Project Manager: Derrick Willis
Sample: Dana R. Brown
Fax Number: (949) 375-7004
Phone Number: (949) 315-3365

Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date	Sampling Time	Preservatives
I-81 C (5-6)	Soil	1-T+3V	4	12-3-08	11:31	
I-81 C (10-11)					11:34	
I-55 C (0-1)					12:00	
I-55 C (5-6)					12:02	
I-55 C (10-11)					12:09	
EX-1 (0-1)					13:20	
EX-1 (5-6)					13:22	
EX-2 (0-1)					13:42	
EX-2 (5-6)					13:44	
EX-3 (0-1)					14:10	
EX-3 (5-6)					14:14	
EX-4 (0-1)					14:55	
EX-4 (5-6)					14:57	
EX-5 (0-1)					15:36	

Received By: *[Signature]* Date/Time: 12-3-08 12:30
Received In Lab By: *[Signature]* Date/Time: 12-3-08 12:30
Sample Integrity: (Check) ☒ Intact ☐ on ice
Turnaround Time: (Check) ☐ 24 hours ☒ 48 hours ☐ 72 hours
Analysis Required: ☒ VOC's ☐ BTEX ☐ TPH (Cis-Gen) ☐ Diphenyl oxide/biphenyl

Special Instructions: H=Hold, A=Analyze, upon receipt, FAX COC to Derrick Willis

Project/PO Number: 2024.01

Page 2 of 3

12.52

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

LABORATORY REPORT

Prepared For: Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project: Solar Energy Generating System
2024.01.01S-01

Sampled: 12/04/08
Received: 12/04/08
Issued: 12/09/08 09:02

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 2°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: No significant observations were made.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

ADDITIONAL INFORMATION:

Additional 8015B-Therminol test for sample GW-1, requested 12/8/08, will be reported separately. VOA vials for sample GW-1 were not received.

LABORATORY ID

MATRIX

IRL0634-01	IL_39D (0-1)	Soil
IRL0634-02	IL_39D (5-6)	Soil
IRL0634-03	IL_39D (10-11)	Soil
IRL0634-04	IL_31A (0-1)	Soil
IRL0634-05	IL_31A (5-6)	Soil
IRL0634-06	IL_31A (10-11)	Soil
IRL0634-07	IL_31A (15-16)	Soil
IRL0634-08	IL_27A (0-1)	Soil
IRL0634-09	IL_27A (10-11)	Soil
IRL0634-10	IL_37H (0-1)	Soil

TestAmerica Irvine
Patty Mata
Project Manager

12.5

Payment for services is due within 30 days from the date of invoice. Samples(s) will be disposed of after 30 days.

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project.

Relinquished By: <i>[Signature]</i> Date/Time: 12-3-08 18:35	Relinquished By: <i>[Signature]</i> Date/Time: 12-3-08 17:40	Relinquished By: <i>[Signature]</i> Date/Time: 12-3-08 20:10
Received By: <i>[Signature]</i> Date/Time: 12-3-08 18:35	Received By: <i>[Signature]</i> Date/Time: 12-3-08 17:40	Received By: <i>[Signature]</i> Date/Time: 12-3-08 20:10
Sample Description: EY-5 (5-6)	Sample Description: VOC's	Sample Description: BTEX
Sample Matrix: Soil	Sample Matrix: VOC's	Sample Matrix: BTEX
Sample Container: 7	Sample Container: 7	Sample Container: 7
Sample Correlation: 1-3-08	Sample Correlation: 1-3-08	Sample Correlation: 1-3-08
Sample Date: 12-3-08	Sample Date: 12-3-08	Sample Date: 12-3-08
Sample Time: 15:42	Sample Time: 15:42	Sample Time: 15:42
Sample Location: 1100 Quail #102 Newport Beach CA	Sample Location: 1100 Quail #102 Newport Beach CA	Sample Location: 1100 Quail #102 Newport Beach CA
Sample Manager: Derrick Willis	Sample Manager: Derrick Willis	Sample Manager: Derrick Willis
Sample Phone Number: (949) 375-7007	Sample Phone Number: (949) 375-7007	Sample Phone Number: (949) 375-7007
Sample Fax Number: (949) 315-3365	Sample Fax Number: (949) 315-3365	Sample Fax Number: (949) 315-3365
Special Instructions: A=Analyze H=Hold FAX CDC 70 ASAP	Special Instructions: A=Analyze H=Hold FAX CDC 70 ASAP	Special Instructions: A=Analyze H=Hold FAX CDC 70 ASAP
Analysis Required: 3	Analysis Required: 3	Analysis Required: 3

LABORATORY ID:

LABORATORY ID	CLIENT ID
IRL0634-11	IL_37H (5-6)
IRL0634-12	IL_37H (9-10)
IRL0634-13	IL_27H (0-1)
IRL0634-14	IL_27H (5-6)
IRL0634-15	TB-120408
IRL0634-16	IL_27H (10-11)
IRL0634-17	IL_211-1 (0-1)
IRL0634-18	IL_211-1 (5-6)
IRL0634-19	IL_211-2 (0-1)
IRL0634-20	IL_211-2 (5-6)
IRL0634-21	IL_101 (0-1)
IRL0634-22	IL_101 (5-6)
IRL0634-23	IL_101 (10-11)
IRL0634-24	IL_5G (0-1)
IRL0634-25	IL_5G (5-6)
IRL0634-26	IL_5G (10-11)
IRL0634-27	IL_141 (0-1)
IRL0634-28	IL_141 (5-6)
IRL0634-29	IL_141 (10-11)
IRL0634-30	IL_141 (15-16)
IRL0634-31	IL_141 (19-20)
IRL0634-32	IL_36K (0-1)
IRL0634-33	IL_36K (5-6)
IRL0634-34	IL_36K (10-11)
IRL0634-35	IL_36K (15-16)
IRL0634-36	IL_CT-2 (0-1)
IRL0634-37	IL_CT-2 (5-6)
IRL0634-38	IL_CT-2 (10-11)
IRL0634-39	IL_CT-1 (0-1)
IRL0634-40	IL_CT-1 (5-6)
IRL0634-41	IL_CT-1 (10-11)
IRL0634-42	IL_CT-3 (0-1)
IRL0634-43	IL_CT-3 (5-6)
IRL0634-44	IL_CT-3 (10-11)
IRL0634-46	TB-120408

MATRIX

Soil	II_37H (5-6)	Soil
Soil	II_37H (9-10)	Soil
Soil	II_27H (0-1)	Soil
Soil	II_27H (5-6)	Soil
Water	TB-120408	Water
Soil	II_27H (10-11)	Soil
Soil	II_211-1 (0-1)	Soil
Soil	II_211-1 (5-6)	Soil
Soil	II_211-2 (0-1)	Soil
Soil	II_211-2 (5-6)	Soil
Soil	II_101 (0-1)	Soil
Soil	II_101 (5-6)	Soil
Soil	II_101 (10-11)	Soil
Soil	II_5G (0-1)	Soil
Soil	II_5G (5-6)	Soil
Soil	II_5G (10-11)	Soil
Soil	II_14J (0-1)	Soil
Soil	II_14J (5-6)	Soil
Soil	II_14J (10-11)	Soil
Soil	II_14J (15-16)	Soil
Soil	II_14J (19-20)	Soil
Soil	II_36K (0-1)	Soil
Soil	II_36K (5-6)	Soil
Soil	II_36K (10-11)	Soil
Soil	II_36K (15-16)	Soil
Soil	II_C1T-2 (0-1)	Soil
Soil	II_C1T-2 (5-6)	Soil
Soil	f_C1T-2 (10-11)	Soil
Soil	II_C1T-1 (0-1)	Soil
Soil	II_C1T-1 (5-6)	Soil
Soil	f_C1T-1 (10-11)	Soil
Soil	II_C1T-3 (0-1)	Soil
Soil	II_C1T-3 (5-6)	Soil
Soil	f_C1T-3 (10-11)	Soil
Soil	TB-120408	Water

Reviewed By:

2000

TestAmerica Irvine

Patty Mata

Fauy MIALA
Project Manager

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IRL0634 <Page 2 of 54>

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Fauy Mala
Project Manager

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IRL0634 <Page 3 of 54>

THERMINOL (CADHS LUFT/8015B MOD)						
Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed
Sample ID: IRL0634-01 (IL_39D (0-1) - Soil)						
Reporting Units: mg/kg						
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008
Surrogate: n-Octacosane (40-125%)				94 %		12/5/2008
Sample ID: IRL0634-02 (IL_39D (5-6) - Soil)						
Reporting Units: mg/kg						
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008
Surrogate: n-Octacosane (40-125%)				92 %		12/5/2008
Sample ID: IRL0634-03 (IL_39D (10-11) - Soil)						
Reporting Units: mg/kg						
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008
Surrogate: n-Octacosane (40-125%)				87 %		12/5/2008
Sample ID: IRL0634-04 (IL_31A (0-1) - Soil)						
Reporting Units: mg/kg						
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2000	ND	1000	12/5/2008
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2000	5700	1000	12/5/2008
Surrogate: n-Octacosane (40-125%)				1250 %		12/6/2008
Sample ID: IRL0634-05 (IL_31A (5-6) - Soil)						
Reporting Units: mg/kg						
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2000	ND	999	12/5/2008
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2000	5800	999	12/5/2008
Surrogate: n-Octacosane (40-125%)				723 %		12/6/2008
Sample ID: IRL0634-06 (IL_31A (10-11) - Soil)						
Reporting Units: mg/kg						
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	20	ND	10	12/5/2008
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	20	72	10	12/5/2008
Surrogate: n-Octacosane (40-125%)				83 %		12/6/2008
Sample ID: IRL0634-07 (IL_31A (15-16) - Soil)						
Reporting Units: mg/kg						
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008
Surrogate: n-Octacosane (40-125%)				86 %		12/5/2008

Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-08 (IL_27A (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2.0	2.0	1	12/5/2008	12/5/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				98 %				
Sample ID: IRL0634-09 (IL_27A (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				84 %				
Sample ID: IRL0634-10 (IL_37H (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	4000	ND	2000	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	4000	8400	2000	12/5/2008	12/6/2008	Z3
Surrogate: <i>n</i> -Octacosane (40-125%)				1950 %				
Sample ID: IRL0634-11 (IL_37H (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	8000	ND	4000	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	8000	19000	4000	12/5/2008	12/6/2008	Z3
Surrogate: <i>n</i> -Octacosane (40-125%)				4060 %				
Sample ID: IRL0634-12 (IL_37H (9-10) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				92 %				
Sample ID: IRL0634-13 (IL_27H (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	400	400	200	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	400	1100	200	12/5/2008	12/6/2008	Z3
Surrogate: <i>n</i> -Octacosane (40-125%)				214 %				
Sample ID: IRL0634-14 (IL_27H (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				80 %				

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-16 (IL_27H (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				86 %				
Sample ID: IRL0634-17 (IL_211-1 (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				93 %				
Sample ID: IRL0634-18 (IL_211-1 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				83 %				
Sample ID: IRL0634-19 (IL_211-2 (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				92 %				
Sample ID: IRL0634-20 (IL_211-2 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				98 %				
Sample ID: IRL0634-21 (IL_101 (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				99 %				
Sample ID: IRL0634-22 (IL_101 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05015	2.0	ND	1	12/5/2008	12/5/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				99 %				
Sample ID: IRL0634-23 (IL_101 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05052	2.0	ND	1	12/5/2008	12/5/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05052	2.0	ND	1	12/5/2008	12/5/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				70 %				

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Northgate Environmental Management
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01 S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-23 (IL_101 (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05052	2.0	ND	1	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05052	2.0	ND	1	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)				79 %				
Sample ID: IRL0634-24 (IL_5G (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05052	10000	ND	5000	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05052	10000	ND	5000	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)				302 %				Z3
Sample ID: IRL0634-25 (IL_5G (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05052	2.0	ND	1	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05052	2.0	ND	1	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)				69 %				
Sample ID: IRL0634-26 (IL_5G (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05052	2.0	ND	1	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05052	2.0	ND	1	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)				72 %				
Sample ID: IRL0634-27 (IL_14J (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05052	4000	ND	2000	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05052	4000	8600	2000	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)				446 %				Z3
Sample ID: IRL0634-28 (IL_14J (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05052	2000	ND	998	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05052	2000	3100	998	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)				196 %				Z3
Sample ID: IRL0634-29 (IL_14J (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05052	2000	ND	1000	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05052	2000	4400	1000	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)				190 %				Z3

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Project ID: Solar Energy Generating System
2024 01 01 S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

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THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-30 (IL_14J (15-16) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05052	2.0	ND	1	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05052	2.0	3.5	1	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)				72 %				
Sample ID: IRL0634-31 (IL_14J (19-20) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05052	2.0	ND	1	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05052	2.0	ND	1	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)				73 %				
Sample ID: IRL0634-32 (IL_36K (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05052	6000	ND	3000	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05052	6000	12000	3000	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)				374 %				Z3
Sample ID: IRL0634-33 (IL_36K (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05052	2000	ND	1000	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05052	2000	2500	1000	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)				116 %				
Sample ID: IRL0634-34 (IL_36K (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05052	2.0	ND	1	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05052	2.0	ND	1	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)				72 %				
Sample ID: IRL0634-35 (IL_36K (15-16) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L05052	2.0	ND	1	12/5/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L05052	2.0	ND	1	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)				77 %				

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-01 (II_39D (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05039	1.8	ND	0.876	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05039	1.8	ND	0.876	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05039	1.8	ND	0.876	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05039	1.8	ND	0.876	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05039	1.8	ND	0.876	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05039	3.5	ND	0.876	12/5/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				94 %				
Surrogate: Toluene-d8 (80-120%)				95 %				
Sample ID: IRL0634-02 (II_39D (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05039	2.1	ND	1.03	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05039	2.1	ND	1.03	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05039	2.1	ND	1.03	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05039	2.1	ND	1.03	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05039	2.1	ND	1.03	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05039	4.1	ND	1.03	12/5/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				97 %				
Surrogate: Toluene-d8 (80-120%)				95 %				
Sample ID: IRL0634-03 (II_39D (10-11) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05039	1.6	ND	0.812	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05039	1.6	ND	0.812	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05039	1.6	ND	0.812	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05039	1.6	ND	0.812	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05039	1.6	ND	0.812	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05039	3.2	ND	0.812	12/5/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				95 %				

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-04 (II_31A (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06014	1.6	ND	0.796	12/6/2008	12/6/2008	I
Ethylbenzene	EPA 8260B	8L06014	1.6	3.6	0.796	12/6/2008	12/6/2008	I
Toluene	EPA 8260B	8L06014	1.6	ND	0.796	12/6/2008	12/6/2008	I
m,p-Xylenes	EPA 8260B	8L06014	1.6	ND	0.796	12/6/2008	12/6/2008	I
o-Xylene	EPA 8260B	8L06014	1.6	ND	0.796	12/6/2008	12/6/2008	I
Xylenes, Total	EPA 8260B	8L06014	3.2	ND	0.796	12/6/2008	12/6/2008	I
Surrogate: 4-Bromofluorobenzene (75-120%)				63 %				Z
Surrogate: Dibromofluoromethane (80-135%)				142 %				ZX
Surrogate: Toluene-d8 (80-120%)				70 %				Z
Sample ID: IRL0634-05 (II_31A (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06014	1.8	ND	0.88	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06014	1.8	ND	0.88	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06014	1.8	ND	0.88	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06014	1.8	ND	0.88	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06014	1.8	ND	0.88	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06014	3.5	ND	0.88	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				77 %				
Surrogate: Dibromofluoromethane (80-135%)				105 %				
Surrogate: Toluene-d8 (80-120%)				81 %				
Sample ID: IRL0634-06 (II_31A (10-11) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06014	1.9	ND	0.965	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06014	1.9	ND	0.965	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06014	1.9	ND	0.965	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06014	1.9	ND	0.965	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06014	1.9	ND	0.965	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06014	3.9	ND	0.965	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				75 %				
Surrogate: Dibromofluoromethane (80-135%)				109 %				
Surrogate: Toluene-d8 (80-120%)				81 %				

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Project ID: Solar Energy Generating System
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Sampled: 12/04/08
Received: 12/04/08

17461 Denair Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-07 (IL_31A (15-16) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06014	1.9	ND	0.936	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06014	1.9	ND	0.936	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06014	1.9	ND	0.936	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06014	1.9	ND	0.936	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06014	1.9	ND	0.936	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06014	3.7	ND	0.936	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				94 %				
Surrogate: Dibromofluoromethane (80-135%)				96 %				
Surrogate: Toluene-d8 (80-120%)				95 %				

Sample ID: IRL0634-08 (IL_27A (0-1) - Soil)

Reporting Units: ug/kg

Benzene	EPA 8260B	8L05039	1.6	ND	0.792	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05039	1.6	ND	0.792	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05039	1.6	ND	0.792	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05039	1.6	ND	0.792	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05039	1.6	ND	0.792	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05039	3.2	ND	0.792	12/5/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				88 %				

Sample ID: IRL0634-09 (IL_27A (10-11) - Soil)

Reporting Units: ug/kg

Benzene	EPA 8260B	8L05039	1.9	ND	0.963	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05039	1.9	ND	0.963	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05039	1.9	ND	0.963	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05039	1.9	ND	0.963	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05039	1.9	ND	0.963	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05039	3.9	ND	0.963	12/5/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				97 %				
Surrogate: Toluene-d8 (80-120%)				94 %				

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Project ID: Solar Energy Generating System
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Sampled: 12/04/08
Received: 12/04/08

17461 Denair Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-10 (IL_37H (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06014	1.6	ND	0.81	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06014	1.6	ND	0.81	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06014	1.6	ND	0.81	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06014	1.6	ND	0.81	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06014	1.6	ND	0.81	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06014	3.2	ND	0.81	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				79 %				
Surrogate: Dibromofluoromethane (80-135%)				99 %				
Surrogate: Toluene-d8 (80-120%)				89 %				

Sample ID: IRL0634-11 (IL_37H (5-6) - Soil)

Reporting Units: ug/kg

Benzene	EPA 8260B	8L07005	1.7	ND	0.843	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	1.7	25	0.843	12/7/2008	12/7/2008	1
Toluene	EPA 8260B	8L07005	1.7	ND	0.843	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	1.7	1.7	0.843	12/7/2008	12/7/2008	1
o-Xylene	EPA 8260B	8L07005	1.7	ND	0.843	12/7/2008	12/7/2008	1
Xylenes, Total	EPA 8260B	8L07005	3.4	ND	0.843	12/7/2008	12/7/2008	1
Surrogate: 4-Bromofluorobenzene (75-120%)				54 %				Z
Surrogate: Dibromofluoromethane (80-135%)				109 %				Z
Surrogate: Toluene-d8 (80-120%)				73 %				Z

Sample ID: IRL0634-12 (IL_37H (9-10) - Soil)

Reporting Units: ug/kg

Benzene	EPA 8260B	8L06014	1.9	ND	0.958	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06014	1.9	ND	0.958	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06014	1.9	ND	0.958	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06014	1.9	ND	0.958	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06014	1.9	ND	0.958	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06014	3.8	ND	0.958	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				95 %				
Surrogate: Dibromofluoromethane (80-135%)				97 %				
Surrogate: Toluene-d8 (80-120%)				93 %				

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Norhtgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-13 (IL 27H (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06014	1.6	ND	0.81	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06014	1.6	ND	0.81	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06014	1.6	ND	0.81	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06014	1.6	ND	0.81	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06014	1.6	ND	0.81	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06014	3.2	95 %				
Surrogate: 4-Bromofluorobenzene (75-120%)				97 %				
Surrogate: Dibromofluoromethane (80-135%)				95 %				
Surrogate: Toluene-d8 (80-120%)								
Sample ID: IRL0634-14 (IL 27H (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05039	2.2	ND	1.08	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05039	2.2	ND	1.08	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05039	2.2	ND	1.08	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05039	2.2	ND	1.08	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05039	2.2	ND	1.08	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05039	4.3	93 %				
Surrogate: 4-Bromofluorobenzene (75-120%)				99 %				
Surrogate: Dibromofluoromethane (80-135%)				95 %				
Surrogate: Toluene-d8 (80-120%)								
Sample ID: IRL0634-16 (IL 27H (10-11) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05039	2.1	ND	1.04	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05039	2.1	ND	1.04	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05039	2.1	ND	1.04	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05039	2.1	ND	1.04	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05039	2.1	ND	1.04	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05039	4.2	92 %				
Surrogate: 4-Bromofluorobenzene (75-120%)				96 %				
Surrogate: Dibromofluoromethane (80-135%)				95 %				
Surrogate: Toluene-d8 (80-120%)								

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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-17 (IL 211-1 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05039	1.6	ND	0.775	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05039	1.6	ND	0.775	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05039	1.6	ND	0.775	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05039	1.6	ND	0.775	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05039	1.6	ND	0.775	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05039	3.1	91 %				
Surrogate: 4-Bromofluorobenzene (75-120%)				100 %				
Surrogate: Dibromofluoromethane (80-135%)				95 %				
Surrogate: Toluene-d8 (80-120%)								
Sample ID: IRL0634-18 (IL 211-1 (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05039	1.9	ND	0.929	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05039	1.9	ND	0.929	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05039	1.9	ND	0.929	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05039	1.9	ND	0.929	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05039	1.9	ND	0.929	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05039	3.7	93 %				
Surrogate: 4-Bromofluorobenzene (75-120%)				100 %				
Surrogate: Dibromofluoromethane (80-135%)				94 %				
Surrogate: Toluene-d8 (80-120%)								
Sample ID: IRL0634-19 (IL 211-2 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05039	1.6	ND	0.803	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05039	1.6	ND	0.803	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05039	1.6	ND	0.803	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05039	1.6	ND	0.803	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05039	1.6	ND	0.803	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05039	3.2	91 %				
Surrogate: 4-Bromofluorobenzene (75-120%)				100 %				
Surrogate: Dibromofluoromethane (80-135%)				94 %				
Surrogate: Toluene-d8 (80-120%)								

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Northgate Environmental Management
1100 Quail Street, Suite 102
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-20 (IL 211.2 (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05039	1.9	ND	0.954	12/5/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L05039	1.9	ND	0.954	12/5/2008	12/6/2008	
Toluene	EPA 8260B	8L05039	1.9	ND	0.954	12/5/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L05039	1.9	ND	0.954	12/5/2008	12/6/2008	
o-Xylene	EPA 8260B	8L05039	1.9	ND	0.954	12/5/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L05039	3.8	ND	0.954	12/5/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
91 %								
100 %								
95 %								
Sample ID: IRL0634-21 (IL 101 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05039	1.7	ND	0.852	12/5/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L05039	1.7	ND	0.852	12/5/2008	12/6/2008	
Toluene	EPA 8260B	8L05039	1.7	ND	0.852	12/5/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L05039	1.7	ND	0.852	12/5/2008	12/6/2008	
o-Xylene	EPA 8260B	8L05039	1.7	ND	0.852	12/5/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L05039	3.4	ND	0.852	12/5/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
91 %								
100 %								
95 %								
Sample ID: IRL0634-22 (IL 101 (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05039	2.0	ND	1.01	12/5/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L05039	2.0	ND	1.01	12/5/2008	12/6/2008	
Toluene	EPA 8260B	8L05039	2.0	ND	1.01	12/5/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L05039	2.0	ND	1.01	12/5/2008	12/6/2008	
o-Xylene	EPA 8260B	8L05039	2.0	ND	1.01	12/5/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L05039	4.0	ND	1.01	12/5/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
92 %								
99 %								
93 %								

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Northgate Environmental Management
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-23 (IL 101 (10-11) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05034	2.1	ND	1.03	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05034	2.1	ND	1.03	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05034	2.1	ND	1.03	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05034	2.1	ND	1.03	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05034	2.1	ND	1.03	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05034	4.1	ND	1.03	12/5/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
97 %								
94 %								
97 %								
Sample ID: IRL0634-24 (IL 5G (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08024	110	ND	109	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L08024	110	1300	109	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L08024	110	630	109	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L08024	110	ND	109	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L08024	110	ND	109	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L08024	220	ND	109	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)								
Surrogate: Dibromofluoromethane (55-140%)								
Surrogate: Toluene-d8 (60-140%)								
80 %								
99 %								
86 %								
Sample ID: IRL0634-25 (IL 5G (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06014	1.7	ND	0.843	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06014	1.7	ND	0.843	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06014	1.7	ND	0.843	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06014	1.7	ND	0.843	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06014	1.7	ND	0.843	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06014	3.4	ND	0.843	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
94 %								
96 %								
90 %								

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01S-01
Report Number: IRL0634

17461 Darian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/04/08
Received: 12/04/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-26 (IL_5G (10-11) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06014	2.1	ND	1.06	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06014	2.1	ND	1.06	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06014	2.1	ND	1.06	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06014	2.1	ND	1.06	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06014	2.1	ND	1.06	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06014	4.2	ND	1.06	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				94 %				
Surrogate: Dibromofluoromethane (80-135%)				93 %				
Surrogate: Toluene-d8 (80-120%)				94 %				
Sample ID: IRL0634-27 (IL_14J (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05034	1.7	ND	0.852	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05034	1.7	160	0.852	12/5/2008	12/5/2008	I
Toluene	EPA 8260B	8L05034	1.7	29	0.852	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05034	1.7	8.2	0.852	12/5/2008	12/5/2008	I
o-Xylene	EPA 8260B	8L05034	1.7	4.9	0.852	12/5/2008	12/5/2008	I
Xylenes, Total	EPA 8260B	8L05034	3.4	13	0.852	12/5/2008	12/5/2008	I
Surrogate: 4-Bromofluorobenzene (75-120%)				49 %				Z
Surrogate: Dibromofluoromethane (80-135%)				123 %				Z
Surrogate: Toluene-d8 (80-120%)				73 %				
Sample ID: IRL0634-28 (IL_14J (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06014	1.9	ND	0.975	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06014	1.9	30	0.975	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06014	1.9	3.0	0.975	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06014	1.9	2.5	0.975	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06014	1.9	ND	0.975	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06014	3.9	4.2	0.975	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				73 %				
Surrogate: Dibromofluoromethane (80-135%)				107 %				
Surrogate: Toluene-d8 (80-120%)				83 %				

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024 01 01S-01
Report Number: IRL0634

17461 Darian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/04/08
Received: 12/04/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-29 (IL_14J (10-11) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06014	2.0	ND	0.984	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06014	2.0	88	0.984	12/6/2008	12/6/2008	I
Toluene	EPA 8260B	8L06014	2.0	8.8	0.984	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06014	2.0	4.6	0.984	12/6/2008	12/6/2008	I
o-Xylene	EPA 8260B	8L06014	2.0	3.0	0.984	12/6/2008	12/6/2008	I
Xylenes, Total	EPA 8260B	8L06014	3.9	7.6	0.984	12/6/2008	12/6/2008	I
Surrogate: 4-Bromofluorobenzene (75-120%)				70 %				Z
Surrogate: Dibromofluoromethane (80-135%)				137 %				ZX
Surrogate: Toluene-d8 (80-120%)				66 %				Z
Sample ID: IRL0634-30 (IL_14J (15-16) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06014	2.0	ND	0.994	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06014	2.0	ND	0.994	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06014	2.0	ND	0.994	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06014	2.0	ND	0.994	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06014	2.0	ND	0.994	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06014	4.0	ND	0.994	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				99 %				
Surrogate: Toluene-d8 (80-120%)				87 %				
Sample ID: IRL0634-31 (IL_14J (19-20) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05034	1.9	ND	0.926	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05034	1.9	ND	0.926	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05034	1.9	ND	0.926	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05034	1.9	ND	0.926	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05034	1.9	ND	0.926	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05034	3.7	ND	0.926	12/5/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				97 %				

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-32 (IL_36K (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08020	1.8	2.6	0.887	12/8/2008	12/8/2008	
Ethylbenzene	EPA 8260B	8L08020	1.8	2.70	0.887	12/8/2008	12/8/2008	
Toluene	EPA 8260B	8L08020	1.8	25	0.887	12/8/2008	12/8/2008	
m,p-Xylenes	EPA 8260B	8L08020	1.8	10	0.887	12/8/2008	12/8/2008	
o-Xylene	EPA 8260B	8L08020	1.8	2.6	0.887	12/8/2008	12/8/2008	
Xylenes, Total	EPA 8260B	8L08020	3.5	13	0.887	12/8/2008	12/8/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				53 %				Z
Surrogate: Dibromofluoromethane (80-135%)				134 %				
Surrogate: Toluene-d8 (80-120%)				68 %				Z
Sample ID: IRL0634-33 (IL_36K (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06014	1.8	ND	0.906	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06014	1.8	ND	0.906	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06014	1.8	ND	0.906	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06014	1.8	ND	0.906	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06014	1.8	ND	0.906	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06014	3.6	ND	0.906	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %				
Surrogate: Dibromofluoromethane (80-135%)				96 %				
Surrogate: Toluene-d8 (80-120%)				95 %				
Sample ID: IRL0634-34 (IL_36K (10-11) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05034	1.9	ND	0.975	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05034	1.9	ND	0.975	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05034	1.9	ND	0.975	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05034	1.9	ND	0.975	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05034	1.9	ND	0.975	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05034	3.9	ND	0.975	12/5/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				96 %				
Surrogate: Dibromofluoromethane (80-135%)				99 %				
Surrogate: Toluene-d8 (80-120%)				98 %				

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-35 (IL_36K (15-16) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L05034	1.9	ND	0.958	12/5/2008	12/5/2008	
Ethylbenzene	EPA 8260B	8L05034	1.9	ND	0.958	12/5/2008	12/5/2008	
Toluene	EPA 8260B	8L05034	1.9	ND	0.958	12/5/2008	12/5/2008	
m,p-Xylenes	EPA 8260B	8L05034	1.9	ND	0.958	12/5/2008	12/5/2008	
o-Xylene	EPA 8260B	8L05034	1.9	ND	0.958	12/5/2008	12/5/2008	
Xylenes, Total	EPA 8260B	8L05034	3.8	ND	0.958	12/5/2008	12/5/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				94 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				98 %				

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-36 (IL CT-2 (0-1) - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	8L05071	0.100	8.26	1	12/5/2008	12/5/2008	
Sample ID: IRL0634-37 (IL CT-2 (5-6) - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	8L05071	0.100	8.01	1	12/5/2008	12/5/2008	
Sample ID: IRL0634-38 (IL CT-2 (10-11) - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	8L05071	0.100	8.05	1	12/5/2008	12/5/2008	
Sample ID: IRL0634-39 (IL CT-1 (0-1) - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	8L05071	0.100	7.61	1	12/5/2008	12/5/2008	
Sample ID: IRL0634-40 (IL CT-1 (5-6) - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	8L05071	0.100	8.14	1	12/5/2008	12/5/2008	
Sample ID: IRL0634-41 (IL CT-1 (10-11) - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	8L05071	0.100	7.80	1	12/5/2008	12/5/2008	
Sample ID: IRL0634-42 (IL CT-3 (0-1) - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	8L05071	0.100	8.63	1	12/5/2008	12/5/2008	
Sample ID: IRL0634-43 (IL CT-3 (5-6) - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	8L05071	0.100	7.87	1	12/5/2008	12/5/2008	
Sample ID: IRL0634-44 (IL CT-3 (10-11) - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	8L05071	0.100	8.17	1	12/5/2008	12/5/2008	

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-01 (IL 39D (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L05016	5.0	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
Surrogate: n-Octadecane (40-125%)									
73 %									

Sample ID: IRL0634-02 (IL 39D (5-6) - Soil)

Reporting Units: mg/kg

EFH (C13 - C44)	EPA 8015 MOD.	8L05016	5.0	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-02 (IL_39D (5-6) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
88 %								
Sample ID: IRL0634-03 (IL_39D (10-11) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
88 %								
EFH (C13 - C44)	EPA 8015 MOD.	8L05016	5.0	ND	1	N/A	12/5/2008	12/5/2008
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008
Surrogate: n-Octacosane (40-125%)								
76 %								

Sample ID: IRL0634-04 (IL_31A (0-1) - Soil)

Reporting Units: mg/kg

Surrogate: n-Octacosane (40-125%)

EFH (C13 - C44)	EPA 8015 MOD.	8L05016	5000	10000	1000	12/5/2008	12/7/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	3500	7700	1000	12/5/2008	12/7/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-04 (IL_31A (0-1) - Soil) - cont.									
Reporting Units: mg/kg									
Surrogate: n-Octacosane (40-125%)									
804 %									
Sample ID: IRL0634-05 (IL_31A (5-6) - Soil)									
Reporting Units: mg/kg									
Surrogate: n-Octacosane (40-125%)									
7600									
EFH (C13 - C44)	EPA 8015 MOD.	8L05016	5000	7600	1000	100	12/5/2008	12/7/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	3500	5900	1000	78	12/5/2008	12/7/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3500	ND	1000	N/A	12/5/2008	12/7/2008	
Surrogate: n-Octacosane (40-125%)									
467 %									

Sample ID: IRL0634-06 (IL_31A (10-11) - Soil)

Reporting Units: mg/kg

Surrogate: n-Octacosane (40-125%)

EFH (C13 - C44)	EPA 8015 MOD.	8L05016	50	81	10	100	12/5/2008	12/7/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	35	62	10	77	12/5/2008	12/7/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	35	ND	10	N/A	12/5/2008	12/7/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	35	ND	10	N/A	12/5/2008	12/7/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	35	ND	10	N/A	12/5/2008	12/7/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	35	ND	10	N/A	12/5/2008	12/7/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	35	ND	10	N/A	12/5/2008	12/7/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	35	ND	10	N/A	12/5/2008	12/7/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	35	ND	10	N/A	12/5/2008	12/7/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	35	ND	10	N/A	12/5/2008	12/7/2008	

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Northgate Environmental Management
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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date	Qualifiers
Sample ID: IRL0634-06 (IL 31A (10-11) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	35	ND	10	N/A	12/5/2008	12/7/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	35	ND	10	N/A	12/5/2008	12/7/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	35	ND	10	N/A	12/5/2008	12/7/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	35	ND	10	N/A	12/5/2008	12/7/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	35	ND	10	N/A	12/5/2008	12/7/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	35	ND	10	N/A	12/5/2008	12/7/2008	
Surrogate: n-Octacosane (40-125%)									
57 %									
Sample ID: IRL0634-07 (IL 31A (15-16) - Soil)									
Reporting Units: mg/kg									
EFH (C31 - C34)	EPA 8015 MOD.	8L05016	5.0	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
103 %									

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Doran Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date	Qualifiers
Sample ID: IRL0634-08 (IL 27A (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	5.0	24	1	100	12/5/2008	12/6/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	3.5	7.4	1	31	12/5/2008	12/6/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	3.5	7.3	1	30	12/5/2008	12/6/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)									
88 %									
Sample ID: IRL0634-09 (IL 27A (10-11) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	5.0	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-09 (IL 27A (10-11) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
62 %								
Sample ID: IRL0634-10 (IL 37H (0-1) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
10000								
EFH (C13 - C44)	EPA 8015 MOD.	8L05016	10000	10000	2000	12/5/2008	12/7/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	7000	7900	2000	12/5/2008	12/7/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
Surrogate: n-Octacosane (40-125%)								
446 %								
Sample ID: IRL0634-11 (IL 37H (5-6) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
20000								
EFH (C13 - C44)	EPA 8015 MOD.	8L05016	10000	20000	2000	12/5/2008	12/7/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	7000	15000	2000	12/5/2008	12/7/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	7000	ND	2000	12/5/2008	12/7/2008	
Surrogate: n-Octacosane (40-125%)								
446 %								

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-11 (IL 37H (5-6) - Soil) - cont.									
Reporting Units: mg/kg									
Surrogate: n-Octacosane (40-125%)									
1459 %									
Sample ID: IRL0634-12 (IL 37H (9-10) - Soil)									
Reporting Units: mg/kg									
Surrogate: n-Octacosane (40-125%)									
5.0									
EFH (C13 - C44)	EPA 8015 MOD.	8L05016	5.0	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
Surrogate: n-Octacosane (40-125%)									
71 %									
Sample ID: IRL0634-13 (IL 27H (0-1) - Soil)									
Reporting Units: mg/kg									
Surrogate: n-Octacosane (40-125%)									
2500									
EFH (C13 - C44)	EPA 8015 MOD.	8L05016	2500	2700	500	100	12/5/2008	12/7/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	1800	2200	500	81	12/5/2008	12/7/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	1800	ND	500	N/A	12/5/2008	12/7/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	1800	ND	500	N/A	12/5/2008	12/7/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	1800	ND	500	N/A	12/5/2008	12/7/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	1800	ND	500	N/A	12/5/2008	12/7/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	1800	ND	500	N/A	12/5/2008	12/7/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	1800	ND	500	N/A	12/5/2008	12/7/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	1800	ND	500	N/A	12/5/2008	12/7/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	1800	ND	500	N/A	12/5/2008	12/7/2008	

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-13 (IL 27H (0-1) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	1800	ND	500	N/A	12/5/2008	12/7/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	1800	ND	500	N/A	12/5/2008	12/7/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	1800	ND	500	N/A	12/5/2008	12/7/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	1800	ND	500	N/A	12/5/2008	12/7/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	1800	ND	500	N/A	12/5/2008	12/7/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	1800	ND	500	N/A	12/5/2008	12/7/2008	
Surrogate: n-Octacosane (40-123%)									
98 %									
Sample ID: IRL0634-14 (IL 27H (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	5.0	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
Surrogate: n-Octacosane (40-123%)									
118 %									

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-16 (IL 27H (10-11) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	5.0	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/5/2008	
Surrogate: n-Octacosane (40-123%)									
69 %									
Sample ID: IRL0634-17 (IL 21L1 (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	5.0	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-17 (IL 211-1 (0-1) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
61 %								
Sample ID: IRL0634-18 (IL 211-1 (5-6) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
61 %								
EFH (C13 - C44)	EPA 8015 MOD.	8L05016	5.0	ND	1	N/A	12/5/2008	12/6/2008
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
Surrogate: n-Octacosane (40-125%)								
104 %								
Sample ID: IRL0634-19 (IL 211-2 (0-1) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
104 %								
EFH (C13 - C44)	EPA 8015 MOD.	8L05016	5.0	ND	1	N/A	12/5/2008	12/6/2008
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008
Surrogate: n-Octacosane (40-125%)								
104 %								

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Project Manager

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-19 (IL 211-2 (0-1) - Soil) - cont.									
Reporting Units: mg/kg									
Surrogate: n-Octacosane (40-125%)									
65 %									
Sample ID: IRL0634-20 (IL 211-2 (5-6) - Soil)									
Reporting Units: mg/kg									
Surrogate: n-Octacosane (40-125%)									
72 %									
EFH (C13 - C44)	EPA 8015 MOD.	8L05016	5.0	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)									
72 %									
Sample ID: IRL0634-21 (IL 101 (0-1) - Soil)									
Reporting Units: mg/kg									
Surrogate: n-Octacosane (40-125%)									
14									
EFH (C13 - C44)	EPA 8015 MOD.	8L05016	5.0	14	1	100	12/5/2008	12/6/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-21 (IL_101 (0-1) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C31 - C32)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05016	3.5	ND	1	N/A	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-123%)									
71 %									
Sample ID: IRL0634-22 (IL_101 (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L05051	5.0	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-123%)									
71 %									

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Project Manager

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-23 (IL_101 (10-11) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L05051	5.0	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-123%)									
78 %									
Sample ID: IRL0634-24 (IL_5C (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L05051	20000	22000	4000	100	12/5/2008	12/7/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05051	14000	20000	4000	91	12/5/2008	12/7/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05051	14000	ND	4000	N/A	12/5/2008	12/7/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05051	14000	ND	4000	N/A	12/5/2008	12/7/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05051	14000	ND	4000	N/A	12/5/2008	12/7/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05051	14000	ND	4000	N/A	12/5/2008	12/7/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05051	14000	ND	4000	N/A	12/5/2008	12/7/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05051	14000	ND	4000	N/A	12/5/2008	12/7/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05051	14000	ND	4000	N/A	12/5/2008	12/7/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05051	14000	ND	4000	N/A	12/5/2008	12/7/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05051	14000	ND	4000	N/A	12/5/2008	12/7/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05051	14000	ND	4000	N/A	12/5/2008	12/7/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05051	14000	ND	4000	N/A	12/5/2008	12/7/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05051	14000	ND	4000	N/A	12/5/2008	12/7/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05051	14000	ND	4000	N/A	12/5/2008	12/7/2008	

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Delvia Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-24 (IL_5G (0-1) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-25 (IL_5G (5-6) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-26 (IL_5G (10-11) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-27 (IL_5G (15-16) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-28 (IL_5G (20-21) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-29 (IL_5G (25-26) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-30 (IL_5G (30-31) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-31 (IL_5G (35-36) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-32 (IL_5G (40-41) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-33 (IL_5G (45-46) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-34 (IL_5G (50-51) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-35 (IL_5G (55-56) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-36 (IL_5G (60-61) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-37 (IL_5G (65-66) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-38 (IL_5G (70-71) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-39 (IL_5G (75-76) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-40 (IL_5G (80-81) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-41 (IL_5G (85-86) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-42 (IL_5G (90-91) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-43 (IL_5G (95-96) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-44 (IL_5G (100-101) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-45 (IL_5G (105-106) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-46 (IL_5G (110-111) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-47 (IL_5G (115-116) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-48 (IL_5G (120-121) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-49 (IL_5G (125-126) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-50 (IL_5G (130-131) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-51 (IL_5G (135-136) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-52 (IL_5G (140-141) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-53 (IL_5G (145-146) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-54 (IL_5G (150-151) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-55 (IL_5G (155-156) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-56 (IL_5G (160-161) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-57 (IL_5G (165-166) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-58 (IL_5G (170-171) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-59 (IL_5G (175-176) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-60 (IL_5G (180-181) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-61 (IL_5G (185-186) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-62 (IL_5G (190-191) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-63 (IL_5G (195-196) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-64 (IL_5G (200-201) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-65 (IL_5G (205-206) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-66 (IL_5G (210-211) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-67 (IL_5G (215-216) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-68 (IL_5G (220-221) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-69 (IL_5G (225-226) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-70 (IL_5G (230-231) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-71 (IL_5G (235-236) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-72 (IL_5G (240-241) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-73 (IL_5G (245-246) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-74 (IL_5G (250-251) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-75 (IL_5G (255-256) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-76 (IL_5G (260-261) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-77 (IL_5G (265-266) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-78 (IL_5G (270-271) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-79 (IL_5G (275-276) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-80 (IL_5G (280-281) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-81 (IL_5G (285-286) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-82 (IL_5G (290-291) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-83 (IL_5G (295-296) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-84 (IL_5G (300-301) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-85 (IL_5G (305-306) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-86 (IL_5G (310-311) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-87 (IL_5G (315-316) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-88 (IL_5G (320-321) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-89 (IL_5G (325-326) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-90 (IL_5G (330-331) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-91 (IL_5G (335-336) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-92 (IL_5G (340-341) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-93 (IL_5G (345-346) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-94 (IL_5G (350-351) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-95 (IL_5G (355-356) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-96 (IL_5G (360-361) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-97 (IL_5G (365-366) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-98 (IL_5G (370-371) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-99 (IL_5G (375-376) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-100 (IL_5G (380-381) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-101 (IL_5G (385-386) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-102 (IL_5G (390-391) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-103 (IL_5G (395-396) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-104 (IL_5G (400-401) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-105 (IL_5G (405-406) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-106 (IL_5G (410-411) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-107 (IL_5G (415-416) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-108 (IL_5G (420-421) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-109 (IL_5G (425-426) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-110 (IL_5G (430-431) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-111 (IL_5G (435-436) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-112 (IL_5G (440-441) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-113 (IL_5G (445-446) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-114 (IL_5G (450-451) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-115 (IL_5G (455-456) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-116 (IL_5G (460-461) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-117 (IL_5G (465-466) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-118 (IL_5G (470-471) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-119 (IL_5G (475-476) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-120 (IL_5G (480-481) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-121 (IL_5G (485-486) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-122 (IL_5G (490-491) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-123 (IL_5G (495-496) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-124 (IL_5G (500-501) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-125 (IL_5G (505-506) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-126 (IL_5G (510-511) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-127 (IL_5G (515-516) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-128 (IL_5G (520-521) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-129 (IL_5G (525-526) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-130 (IL_5G (530-531) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-131 (IL_5G (535-536) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-132 (IL_5G (540-541) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-133 (IL_5G (545-546) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-134 (IL_5G (550-551) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-135 (IL_5G (555-556) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-136 (IL_5G (560-561) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-137 (IL_5G (565-566) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-138 (IL_5G (570-571) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-139 (IL_5G (575-576) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-140 (IL_5G (580-581) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-141 (IL_5G (585-586) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-142 (IL_5G (590-591) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-143 (IL_5G (595-596) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-144 (IL_5G (600-601) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-145 (IL_5G (605-606) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-146 (IL_5G (610-611) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-147 (IL_5G (615-616) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-148 (IL_5G (620-621) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-149 (IL_5G (625-626) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-150 (IL_5G (630-631) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-151 (IL_5G (635-636) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-152 (IL_5G (640-641) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-153 (IL_5G (645-646) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-154 (IL_5G (650-651) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-155 (IL_5G (655-656) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-156 (IL_5G (660-661) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-157 (IL_5G (665-666) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-158 (IL_5G (670-671) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-159 (IL_5G (675-676) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-160 (IL_5G (680-681) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-161 (IL_5G (685-686) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-162 (IL_5G (690-691) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-163 (IL_5G (695-696) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-164 (IL_5G (700-701) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-165 (IL_5G (705-706) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-166 (IL_5G (710-711) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-167 (IL_5G (715-716) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-168 (IL_5G (720-721) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-169 (IL_5G (725-726) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0634-170 (IL_								

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-28 (II_14J (5-6) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C31 - C32)	EPA 8015 MOD.	8L05051	1800	ND	500	N/A	12/5/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05051	1800	ND	500	N/A	12/5/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05051	1800	ND	500	N/A	12/5/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05051	1800	ND	500	N/A	12/5/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05051	1800	ND	500	N/A	12/5/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05051	1800	ND	500	N/A	12/5/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)									
Sample ID: IRL0634-29 (II_14J (10-11) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L05051	5000	6900	1000	100	12/5/2008	12/7/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05051	3500	6000	1000	87	12/5/2008	12/7/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05051	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05051	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05051	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05051	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05051	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05051	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05051	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05051	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05051	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05051	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05051	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05051	3500	ND	1000	N/A	12/5/2008	12/7/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05051	3500	ND	1000	N/A	12/5/2008	12/7/2008	
Surrogate: n-Octacosane (40-125%)									
145 %									

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TestAmerica Irvine

Patty Mata

Project Manager

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-30 (II_14J (15-16) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L05051	5.0	10	0.999	100	12/5/2008	12/6/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05051	3.5	7.7	0.999	77	12/5/2008	12/6/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05051	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05051	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05051	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05051	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05051	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05051	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05051	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05051	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05051	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05051	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05051	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05051	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05051	3.5	ND	0.999	N/A	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)									
80 %									

Sample ID: IRL0634-31 (II_14J (19-20) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L05051	5.0	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	

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Project Manager

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Nortgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

17461 Delan Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/04/08
Received: 12/04/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte Method Batch Reporting Limit Sample Result Dilution Factor Date Analyzed Date Qualifiers

Sample ID: IRL0634-31 (II_143 (19-20) - Soil) - cont.
Reporting Units: mg/kg
Surrogate: n-Octacosane (40-125%)

Sample ID: IRL0634-31 (II_143 (19-20) - Soil) - cont.

EFH (C13 - C44) EPA 8015 MOD. 8L05051 20000 25000 4000 100 12/5/2008 12/7/2008

EFH (C13 - C14) EPA 8015 MOD. 8L05051 14000 22000 4000 88 12/5/2008 12/7/2008

EFH (C15 - C16) EPA 8015 MOD. 8L05051 14000 ND 4000 N/A 12/5/2008 12/7/2008

EFH (C17 - C18) EPA 8015 MOD. 8L05051 14000 ND 4000 N/A 12/5/2008 12/7/2008

EFH (C19 - C20) EPA 8015 MOD. 8L05051 14000 ND 4000 N/A 12/5/2008 12/7/2008

EFH (C21 - C22) EPA 8015 MOD. 8L05051 14000 ND 4000 N/A 12/5/2008 12/7/2008

EFH (C23 - C24) EPA 8015 MOD. 8L05051 14000 ND 4000 N/A 12/5/2008 12/7/2008

EFH (C25 - C26) EPA 8015 MOD. 8L05051 14000 ND 4000 N/A 12/5/2008 12/7/2008

EFH (C27 - C28) EPA 8015 MOD. 8L05051 14000 ND 4000 N/A 12/5/2008 12/7/2008

EFH (C29 - C30) EPA 8015 MOD. 8L05051 14000 ND 4000 N/A 12/5/2008 12/7/2008

EFH (C31 - C32) EPA 8015 MOD. 8L05051 14000 ND 4000 N/A 12/5/2008 12/7/2008

EFH (C33 - C34) EPA 8015 MOD. 8L05051 14000 ND 4000 N/A 12/5/2008 12/7/2008

EFH (C35 - C36) EPA 8015 MOD. 8L05051 14000 ND 4000 N/A 12/5/2008 12/7/2008

EFH (C37 - C38) EPA 8015 MOD. 8L05051 14000 ND 4000 N/A 12/5/2008 12/7/2008

EFH (C39 - C40) EPA 8015 MOD. 8L05051 14000 ND 4000 N/A 12/5/2008 12/7/2008

EFH (C41 - C44) EPA 8015 MOD. 8L05051 14000 ND 4000 N/A 12/5/2008 12/7/2008

Surrogate: n-Octacosane (40-125%)

Sample ID: IRL0634-33 (II_36K (5-6) - Soil)

Reporting Units: mg/kg

EFH (C13 - C44) EPA 8015 MOD. 8L05051 5000 9500 1000 100 12/5/2008 12/8/2008

EFH (C13 - C14) EPA 8015 MOD. 8L05051 3500 8300 1000 87 12/5/2008 12/8/2008

EFH (C15 - C16) EPA 8015 MOD. 8L05051 3500 ND 1000 N/A 12/5/2008 12/8/2008

EFH (C17 - C18) EPA 8015 MOD. 8L05051 3500 ND 1000 N/A 12/5/2008 12/8/2008

EFH (C19 - C20) EPA 8015 MOD. 8L05051 3500 ND 1000 N/A 12/5/2008 12/8/2008

EFH (C21 - C22) EPA 8015 MOD. 8L05051 3500 ND 1000 N/A 12/5/2008 12/8/2008

EFH (C23 - C24) EPA 8015 MOD. 8L05051 3500 ND 1000 N/A 12/5/2008 12/8/2008

EFH (C25 - C26) EPA 8015 MOD. 8L05051 3500 ND 1000 N/A 12/5/2008 12/8/2008

EFH (C27 - C28) EPA 8015 MOD. 8L05051 3500 ND 1000 N/A 12/5/2008 12/8/2008

EFH (C29 - C30) EPA 8015 MOD. 8L05051 3500 ND 1000 N/A 12/5/2008 12/8/2008

EFH (C31 - C32) EPA 8015 MOD. 8L05051 3500 ND 1000 N/A 12/5/2008 12/8/2008

EFH (C33 - C34) EPA 8015 MOD. 8L05051 3500 ND 1000 N/A 12/5/2008 12/8/2008

EFH (C35 - C36) EPA 8015 MOD. 8L05051 3500 ND 1000 N/A 12/5/2008 12/8/2008

Surrogate: n-Octacosane (40-125%)

Sample ID: IRL0634-35 (II_36K (15-16) - Soil)

Reporting Units: mg/kg

EFH (C13 - C44) EPA 8015 MOD. 8L05051 5.0 ND 1 N/A 12/5/2008 12/6/2008

EFH (C13 - C14) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C15 - C16) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C17 - C18) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C19 - C20) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C21 - C22) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C23 - C24) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C25 - C26) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C27 - C28) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C29 - C30) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

Surrogate: n-Octacosane (40-125%)

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Project Manager

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Nortgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

17461 Delan Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/04/08
Received: 12/04/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte Method Batch Reporting Limit Sample Result Dilution Factor Date Analyzed Date Qualifiers

Sample ID: IRL0634-33 (II_36K (5-6) - Soil) - cont.
Reporting Units: mg/kg

EFH (C37 - C38) EPA 8015 MOD. 8L05051 3500 ND 1000 N/A 12/5/2008 12/8/2008

EFH (C39 - C40) EPA 8015 MOD. 8L05051 3500 ND 1000 N/A 12/5/2008 12/8/2008

EFH (C41 - C44) EPA 8015 MOD. 8L05051 3500 ND 1000 N/A 12/5/2008 12/8/2008

Surrogate: n-Octacosane (40-125%)

Sample ID: IRL0634-34 (II_36K (10-11) - Soil)

Reporting Units: mg/kg

EFH (C13 - C44) EPA 8015 MOD. 8L05051 5.0 ND 1 N/A 12/5/2008 12/6/2008

EFH (C13 - C14) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C15 - C16) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C17 - C18) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C19 - C20) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C21 - C22) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C23 - C24) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C25 - C26) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C27 - C28) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C29 - C30) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C31 - C32) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C33 - C34) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C35 - C36) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C37 - C38) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C39 - C40) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C41 - C44) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

Surrogate: n-Octacosane (40-125%)

Sample ID: IRL0634-35 (II_36K (15-16) - Soil)

Reporting Units: mg/kg

EFH (C13 - C44) EPA 8015 MOD. 8L05051 5.0 ND 1 N/A 12/5/2008 12/6/2008

EFH (C13 - C14) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C15 - C16) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C17 - C18) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C19 - C20) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C21 - C22) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C23 - C24) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C25 - C26) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C27 - C28) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

EFH (C29 - C30) EPA 8015 MOD. 8L05051 3.5 ND 1 N/A 12/5/2008 12/6/2008

Surrogate: n-Octacosane (40-125%)

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Project Manager

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Northgate Environmental Management

1100 Quail Street Suite 102

Newport Beach, CA 92660

Attention: Derrick Willis

Project ID: Solar Energy Generating System

2024.01.01S-01

Report Number: IRL0634

17461 Darian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/04/08

Received: 12/04/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0634-35 (IL_36K (15-16) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C31 - C32)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L05051	3.5	ND	1	N/A	12/5/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)				66 %					

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Northgate Environmental Management

1100 Quail Street Suite 102

Newport Beach, CA 92660

Attention: Derrick Willis

Project ID: Solar Energy Generating System

2024.01.01S-01

Report Number: IRL0634

17461 Darian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/04/08

Received: 12/04/08

METHOD BLANK/QC DATA

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Data Qualifiers
Batch: 8L05015 Extracted: 12/05/08								
Blank Analyzed: 12/05/2008 (8L05015-BLK1)								
1,1-Biphenyl	ND	2.0	mg/kg					
1,1'-Oxybisbenzene	ND	2.0	mg/kg					
Surrogate: n-Octacosane	5.35		mg/kg	6.67		80	40-125	
LCS Analyzed: 12/05/2008 (8L05015-BS1)								
1,1-Biphenyl	2.81	2.0	mg/kg	3.33		84	50-115	
1,1'-Oxybisbenzene	2.81	2.0	mg/kg	3.33		84	50-115	
Surrogate: n-Octacosane	6.12		mg/kg	6.67		92	40-125	
Matrix Spike Analyzed: 12/05/2008 (8L05015-MS1)								
1,1-Biphenyl	2.78	2.0	mg/kg	3.33	ND	83	35-120	
1,1'-Oxybisbenzene	2.96	2.0	mg/kg	3.33	ND	89	35-120	
Surrogate: n-Octacosane	6.30		mg/kg	6.67		95	40-125	
Matrix Spike Dup Analyzed: 12/05/2008 (8L05015-MSD1)								
1,1-Biphenyl	2.53	2.0	mg/kg	3.33	ND	76	35-120	9 30
1,1'-Oxybisbenzene	2.53	2.0	mg/kg	3.33	ND	76	35-120	16 30
Surrogate: n-Octacosane	5.70		mg/kg	6.67		85	40-125	
Batch: 8L05052 Extracted: 12/05/08								
Blank Analyzed: 12/05/2008 (8L05052-BLK1)								
1,1-Biphenyl	ND	2.0	mg/kg					
1,1'-Oxybisbenzene	ND	2.0	mg/kg					
Surrogate: n-Octacosane	3.73		mg/kg	6.67		56	40-125	
LCS Analyzed: 12/05/2008 (8L05052-BS1)								
1,1-Biphenyl	2.15	2.0	mg/kg	3.33		65	50-115	
1,1'-Oxybisbenzene	2.17	2.0	mg/kg	3.33		65	50-115	
Surrogate: n-Octacosane	4.86		mg/kg	6.67		73	40-125	

Source: IRL0634-02

Source: IRL0634-02

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Project Manager

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

METHOD BLANK/QC DATA

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source	%REC Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8L05052 Extracted: 12/05/08										
Matrix Spike Analyzed: 12/05/2008 (8L05052-MS1)										
1,1'-Biphenyl	2.06	2.0	mg/kg	3.33	ND	62	35-120			
1,1'-Oxybisbenzene	2.23	2.0	mg/kg	3.33	ND	67	35-120			
Surrogate: n-Octacosane	4.70		mg/kg	6.67		70	40-125			
Matrix Spike Dup Analyzed: 12/05/2008 (8L05052-MSD1)										
1,1'-Biphenyl	2.19	2.0	mg/kg	3.33	ND	66	35-120	6	30	
1,1'-Oxybisbenzene	2.33	2.0	mg/kg	3.33	ND	70	35-120	5	30	
Surrogate: n-Octacosane	4.86		mg/kg	6.67		73	40-125			

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

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2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source	%REC Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8L05016 Extracted: 12/05/08										
Blank Analyzed: 12/05/2008 (8L05016-BLK1)										
EPH (C13 - C44)	ND	5.0	mg/kg							
EPH (C13 - C28)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	4.18		mg/kg	6.67		63	40-125			
LCS Analyzed: 12/05/2008 (8L05016-BS1)										
EPH (C13 - C28)	18.7	5.0	mg/kg	25.0		75	45-115			
Surrogate: n-Octacosane	6.04		mg/kg	6.67		91	40-125			
Matrix Spike Analyzed: 12/05/2008 (8L05016-MS1)										
EPH (C13 - C44)	20.5	5.0	mg/kg	33.3	ND	61	40-120			
Surrogate: n-Octacosane	6.21		mg/kg	6.67		93	40-125			
Matrix Spike Dup Analyzed: 12/05/2008 (8L05016-MSD1)										
EPH (C13 - C44)	20.9	5.0	mg/kg	33.3	ND	63	40-120	2	30	
Surrogate: n-Octacosane	6.28		mg/kg	6.67		94	40-125			
Batch: 8L05051 Extracted: 12/05/08										
Blank Analyzed: 12/06/2008 (8L05051-BLK1)										
EPH (C13 - C44)	ND	5.0	mg/kg							
EPH (C13 - C28)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	5.21		mg/kg	6.67		78	40-125			
LCS Analyzed: 12/06/2008 (8L05051-BS1)										
EPH (C13 - C28)	17.7	5.0	mg/kg	25.0		71	45-115			
Surrogate: n-Octacosane	5.01		mg/kg	6.67		75	40-125			

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Project Manager

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METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	%REC	RPD	Limit	Data Qualifiers
Batch: 8L05051 Extracted: 12/05/08											
Matrix Spike Analyzed: 12/06/2008 (8L05051-MS1)											
EFH (C13 - C44)	17.1	5.0	mg/kg	33.3	ND	51	40-120				
Surrogate: n-Octacosane	5.02		mg/kg	6.67		75	40-125				
Matrix Spike Dup Analyzed: 12/06/2008 (8L05051-MSD1)											
EFH (C13 - C44)	16.9	5.0	mg/kg	33.3	ND	51	40-120	1	30		
Surrogate: n-Octacosane	4.76		mg/kg	6.67		71	40-125				

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IRL0634 <Page 44 of 54>

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	%REC	RPD	Limit	Data Qualifiers
Batch: 8L05034 Extracted: 12/05/08											
Blank Analyzed: 12/05/2008 (8L05034-BLK1)											
Benzene	ND	2.0	ug/kg								
Ethylbenzene	ND	2.0	ug/kg								
Toluene	ND	2.0	ug/kg								
m,p-Xylenes	ND	2.0	ug/kg								
o-Xylene	ND	2.0	ug/kg								
Xylenes, Total	ND	4.0	ug/kg								
Surrogate: 4-Bromofluorobenzene	46.8		ug/kg	50.0		94	75-120				
Surrogate: Dibromofluoromethane	46.9		ug/kg	50.0		94	80-135				
Surrogate: Toluene-d8	48.1		ug/kg	50.0		96	80-120				
LCS Analyzed: 12/05/2008 (8L05034-B51)											
Benzene	53.8	2.0	ug/kg	50.0		108	65-120				
Ethylbenzene	53.4	2.0	ug/kg	50.0		107	70-120				
Toluene	54.7	2.0	ug/kg	50.0		109	70-120				
m,p-Xylenes	106	2.0	ug/kg	100		106	65-120				
o-Xylene	54.5	2.0	ug/kg	50.0		109	70-125				
Xylenes, Total	160	4.0	ug/kg	150		107	65-125				
Surrogate: 4-Bromofluorobenzene	47.1		ug/kg	50.0		94	75-120				
Surrogate: Dibromofluoromethane	47.0		ug/kg	50.0		94	80-135				
Surrogate: Toluene-d8	49.8		ug/kg	50.0		100	80-120				
LCS Dup Analyzed: 12/05/2008 (8L05034-B5D1)											
Benzene	52.3	2.0	ug/kg	50.0		105	65-120	3	30		
Ethylbenzene	54.5	2.0	ug/kg	50.0		109	70-120	2	30		
Toluene	52.8	2.0	ug/kg	50.0		106	70-120	3	30		
m,p-Xylenes	108	2.0	ug/kg	100		108	65-120	2	30		
o-Xylene	55.5	2.0	ug/kg	50.0		111	70-125	2	30		
Xylenes, Total	164	4.0	ug/kg	150		109	65-125	2	20		
Surrogate: 4-Bromofluorobenzene	48.0		ug/kg	50.0		96	75-120				
Surrogate: Dibromofluoromethane	47.0		ug/kg	50.0		94	80-135				
Surrogate: Toluene-d8	48.3		ug/kg	50.0		97	80-120				

MNRI

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Northgate Environmental Management

Project ID: Solar Energy Generating System

1100 Quail Street, Suite 102

2024.01.01S-01

Sampled: 12/04/08

Newport Beach, CA 92660

Report Number: IRL0634

Received: 12/04/08

Attention: Derrick Willis

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	Data Qualifiers
Batch: 8L05039 Extracted: 12/05/08									
Blank Analyzed: 12/05/2008 (8L05039-BLK1)									
Benzene	ND	2.0	ug/kg						
Ethylbenzene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
Xylenes, Total	ND	4.0	ug/kg						
Surrogate: 4-Bromofluorobenzene	46.7		ug/kg	50.0		93	75-120		
Surrogate: Dibromofluoromethane	47.6		ug/kg	50.0		95	80-135		
Surrogate: Toluene-d8	47.5		ug/kg	50.0		95	80-120		
LCS Analyzed: 12/05/2008 (8L05039-BSD1)									
Benzene	46.0	2.0	ug/kg	50.0		92	65-120		MNRI
Ethylbenzene	51.5	2.0	ug/kg	50.0		103	70-120		
Toluene	47.2	2.0	ug/kg	50.0		94	70-120		
m,p-Xylenes	104	2.0	ug/kg	100		104	65-120		
o-Xylene	51.6	2.0	ug/kg	50.0		103	70-125		
Xylenes, Total	156	4.0	ug/kg	150		104	65-125		
Surrogate: 4-Bromofluorobenzene	48.5		ug/kg	50.0		97	75-120		
Surrogate: Dibromofluoromethane	49.2		ug/kg	50.0		98	80-135		
Surrogate: Toluene-d8	47.1		ug/kg	50.0		94	80-120		
LCS Dup Analyzed: 12/05/2008 (8L05039-BSD1)									
Benzene	44.7	2.0	ug/kg	50.0		89	65-120	3	30
Ethylbenzene	50.1	2.0	ug/kg	50.0		100	70-120	3	30
Toluene	46.1	2.0	ug/kg	50.0		92	70-120	2	30
m,p-Xylenes	101	2.0	ug/kg	100		101	65-120	3	30
o-Xylene	50.3	2.0	ug/kg	50.0		101	70-125	3	30
Xylenes, Total	152	4.0	ug/kg	150		101	65-125	3	20
Surrogate: 4-Bromofluorobenzene	48.5		ug/kg	50.0		97	75-120		
Surrogate: Dibromofluoromethane	48.8		ug/kg	50.0		98	80-135		
Surrogate: Toluene-d8	47.3		ug/kg	50.0		95	80-120		

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Northgate Environmental Management

Project ID: Solar Energy Generating System

1100 Quail Street, Suite 102

2024.01.01S-01

Sampled: 12/04/08

Newport Beach, CA 92660

Report Number: IRL0634

Attention: Derrick Willis

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	Data Qualifiers
Batch: 8L06014 Extracted: 12/06/08									
Blank Analyzed: 12/06/2008 (8L06014-BLK1)									
Benzene	ND	2.0	ug/kg						
Ethylbenzene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
Xylenes, Total	ND	4.0	ug/kg						
Surrogate: 4-Bromofluorobenzene	46.7		ug/kg	50.0		93	75-120		
Surrogate: Dibromofluoromethane	49.0		ug/kg	50.0		98	80-135		
Surrogate: Toluene-d8	47.4		ug/kg	50.0		95	80-120		
LCS Analyzed: 12/06/2008 (8L06014-BSD1)									
Benzene	46.0	2.0	ug/kg	50.0		92	65-120		MNRI
Ethylbenzene	51.6	2.0	ug/kg	50.0		103	70-120		
Toluene	47.5	2.0	ug/kg	50.0		95	70-120		
m,p-Xylenes	105	2.0	ug/kg	100		105	65-120		
o-Xylene	51.7	2.0	ug/kg	50.0		103	70-125		
Xylenes, Total	157	4.0	ug/kg	150		104	65-125		
Surrogate: 4-Bromofluorobenzene	48.2		ug/kg	50.0		96	75-120		
Surrogate: Dibromofluoromethane	49.5		ug/kg	50.0		99	80-135		
Surrogate: Toluene-d8	47.5		ug/kg	50.0		95	80-120		
LCS Dup Analyzed: 12/06/2008 (8L06014-BSD1)									
Benzene	45.8	2.0	ug/kg	50.0		92	65-120	0	30
Ethylbenzene	51.3	2.0	ug/kg	50.0		103	70-120	0	30
Toluene	47.3	2.0	ug/kg	50.0		95	70-120	1	30
m,p-Xylenes	103	2.0	ug/kg	100		103	65-120	2	30
o-Xylene	51.1	2.0	ug/kg	50.0		102	70-125	1	30
Xylenes, Total	154	4.0	ug/kg	150		103	65-125	2	20
Surrogate: 4-Bromofluorobenzene	48.0		ug/kg	50.0		96	75-120		
Surrogate: Dibromofluoromethane	48.7		ug/kg	50.0		97	80-135		
Surrogate: Toluene-d8	47.6		ug/kg	50.0		95	80-120		

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Data Qualifiers
Batch: 8L07005 Extracted: 12/07/08									
Blank Analyzed: 12/07/2008 (8L07005-BLK1)									
Benzene	ND	2.0	ug/kg						
Ethylbenzene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
Xylenes, Total	ND	4.0	ug/kg						
Surrogate: 4-Bromofluorobenzene	46.5		ug/kg	50.0		93	75-120		
Surrogate: Dibromofluoromethane	48.1		ug/kg	50.0		96	80-135		
Surrogate: Toluene-d8	47.4		ug/kg	50.0		95	80-120		
LCS Analyzed: 12/07/2008 (8L07005-BS1)									
Benzene	46.8	2.0	ug/kg	50.0		94	65-120		MNRI
Ethylbenzene	52.5	2.0	ug/kg	50.0		105	70-120		
Toluene	48.1	2.0	ug/kg	50.0		96	70-120		
m,p-Xylenes	106	2.0	ug/kg	100		106	65-120		
o-Xylene	52.0	2.0	ug/kg	50.0		104	70-125		
Xylenes, Total	158	4.0	ug/kg	150		105	65-125		
Surrogate: 4-Bromofluorobenzene	47.0		ug/kg	50.0		94	75-120		
Surrogate: Dibromofluoromethane	49.5		ug/kg	50.0		99	80-135		
Surrogate: Toluene-d8	47.8		ug/kg	50.0		96	80-120		
LCS Dup Analyzed: 12/07/2008 (8L07005-BSD1)									
Benzene	48.0	2.0	ug/kg	50.0		96	65-120	3	30
Ethylbenzene	53.7	2.0	ug/kg	50.0		107	70-120	2	30
Toluene	49.5	2.0	ug/kg	50.0		99	70-120	3	30
m,p-Xylenes	108	2.0	ug/kg	100		108	65-120	2	30
o-Xylene	53.3	2.0	ug/kg	50.0		107	70-125	3	30
Xylenes, Total	161	4.0	ug/kg	150		107	65-125	2	20
Surrogate: 4-Bromofluorobenzene	47.2		ug/kg	50.0		94	75-120		
Surrogate: Dibromofluoromethane	51.9		ug/kg	50.0		104	80-135		
Surrogate: Toluene-d8	48.0		ug/kg	50.0		96	80-120		

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Data Qualifiers
Batch: 8L08020 Extracted: 12/08/08									
Blank Analyzed: 12/08/2008 (8L08020-BLK1)									
Benzene	ND	2.0	ug/kg						
Ethylbenzene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
Xylenes, Total	ND	4.0	ug/kg						
Surrogate: 4-Bromofluorobenzene	46.0		ug/kg	50.0		92	75-120		
Surrogate: Dibromofluoromethane	47.8		ug/kg	50.0		96	80-135		
Surrogate: Toluene-d8	47.0		ug/kg	50.0		94	80-120		
LCS Analyzed: 12/08/2008 (8L08020-BS1)									
Benzene	43.8	2.0	ug/kg	50.0		88	65-120		MNRI
Ethylbenzene	53.2	2.0	ug/kg	50.0		106	70-120		
Toluene	47.0	2.0	ug/kg	50.0		94	70-120		
m,p-Xylenes	108	2.0	ug/kg	100		108	65-120		
o-Xylene	53.3	2.0	ug/kg	50.0		107	70-125		
Xylenes, Total	161	4.0	ug/kg	150		108	65-125		
Surrogate: 4-Bromofluorobenzene	47.2		ug/kg	50.0		94	75-120		
Surrogate: Dibromofluoromethane	48.5		ug/kg	50.0		97	80-135		
Surrogate: Toluene-d8	47.1		ug/kg	50.0		94	80-120		
LCS Dup Analyzed: 12/08/2008 (8L08020-BSD1)									
Benzene	42.4	2.0	ug/kg	50.0		85	65-120	3	30
Ethylbenzene	51.5	2.0	ug/kg	50.0		103	70-120	3	30
Toluene	45.4	2.0	ug/kg	50.0		91	70-120	3	30
m,p-Xylenes	103	2.0	ug/kg	100		103	65-120	5	30
o-Xylene	51.4	2.0	ug/kg	50.0		103	70-125	3	30
Xylenes, Total	155	4.0	ug/kg	150		103	65-125	4	20
Surrogate: 4-Bromofluorobenzene	46.6		ug/kg	50.0		93	75-120		
Surrogate: Dibromofluoromethane	48.5		ug/kg	50.0		97	80-135		
Surrogate: Toluene-d8	46.8		ug/kg	50.0		94	80-120		

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System

Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Data Qualifiers
Batch: 8108024_Extracted: 12/08/08									
Blank Analyzed: 12/08/2008 (8108024-BLK1)									
Benzene	ND	100	ug/kg						
Ethylbenzene	ND	100	ug/kg						
Toluene	ND	100	ug/kg						
m,p-Xylenes	ND	100	ug/kg						
o-Xylene	ND	100	ug/kg						
Xylenes, Total	ND	200	ug/kg						
Di-isopropyl Ether (DIPE)	ND	250	ug/kg						
Ethyl tert-butyl Ether (ETBE)	ND	250	ug/kg						
Methyl tert-butyl Ether (MTBE)	ND	250	ug/kg						
Methyl-tert-butyl Ether (MTBE)	ND	250	ug/kg						
tert-Amyl Methyl Ether (TAME)	ND	250	ug/kg						
tert-Butanol (TBA)	ND	5000	ug/kg						
Surrogate: 4-Bromofluorobenzene	2170		ug/kg	2500		87	65-140		
Surrogate: Dibromofluoromethane	2060		ug/kg	2500		83	55-140		
Surrogate: Toluene-d8	2290		ug/kg	2500		91	60-140		
LCS Analyzed: 12/08/2008 (8108024-BS1)									
Benzene	2650	100	ug/kg	2500		106	65-120		
Ethylbenzene	2650	100	ug/kg	2500		106	80-120		
Toluene	2690	100	ug/kg	2500		108	80-120		
m,p-Xylenes	5450	100	ug/kg	5000		109	70-125		
o-Xylene	2750	100	ug/kg	2500		110	70-125		
Xylenes, Total	8200	200	ug/kg	7500		109	70-125		
Di-isopropyl Ether (DIPE)	2630	250	ug/kg	2500		105	60-140		
Ethyl tert-butyl Ether (ETBE)	2610	250	ug/kg	2500		104	60-140		
Methyl-tert-butyl Ether (MTBE)	2510	250	ug/kg	2500		100	55-145		
Methyl-tert-butyl Ether (MTBE)	2730	250	ug/kg	2500		109	60-145		
tert-Butanol (TBA)	11700	5000	ug/kg	12500		93	65-140		
Surrogate: 4-Bromofluorobenzene	2130		ug/kg	2500		85	65-140		
Surrogate: Dibromofluoromethane	2100		ug/kg	2500		84	55-140		
Surrogate: Toluene-d8	2180		ug/kg	2500		87	60-140		

MNR1

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System

Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Data Qualifiers
Batch: 8108024_Extracted: 12/08/08									
LCS Dup Analyzed: 12/08/2008 (8108024-BSD1)									
Benzene	2770	100	ug/kg	2500		111	65-120	4	20
Ethylbenzene	2700	100	ug/kg	2500		108	80-120	2	20
Toluene	2810	100	ug/kg	2500		112	80-120	4	20
m,p-Xylenes	5620	100	ug/kg	5000		112	70-125	3	20
o-Xylene	2850	100	ug/kg	2500		114	70-125	3	20
Xylenes, Total	8470	200	ug/kg	7500		113	70-125	3	20
Di-isopropyl Ether (DIPE)	2720	250	ug/kg	2500		109	60-140	4	20
Ethyl tert-butyl Ether (ETBE)	2780	250	ug/kg	2500		111	60-140	6	20
Methyl-tert-butyl Ether (MTBE)	2730	250	ug/kg	2500		109	55-145	9	25
Methyl-tert-butyl Ether (MTBE)	2960	250	ug/kg	2500		118	60-145	8	25
tert-Amyl Methyl Ether (TAME)	12100	5000	ug/kg	12500		97	65-140	4	20
tert-Butanol (TBA)	2230		ug/kg	2500		89	65-140		
Surrogate: 4-Bromofluorobenzene	2180		ug/kg	2500		87	55-140		
Surrogate: Dibromofluoromethane	2320		ug/kg	2500		93	60-140		

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 DeSain Avenue Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634
Sampled: 12/04/08
Received: 12/04/08

Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 DeSain Avenue Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634
Sampled: 12/04/08
Received: 12/04/08

METHOD BLANK/QC DATA

INORGANICS

Analyte	Batch	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	%REC	RPD Limit	RPD	Data Qualifiers
pH	81.05071-EXTRACTED: 12/05/08	12.4	0.100	pH Units		Source: IRL0600-04 12.4			1	5	
pH	Duplicate Analyzed: 12/05/2008 (81.05071-DUP1)	12.4									
pH	Duplicate Analyzed: 12/05/2008 (81.05071-DUP2)	8.12	0.100	pH Units		Source: IRL0634-44 8.17			1	5	

DATA QUALIFIERS AND DEFINITIONS

- I Internal Standard recovery was outside of method limits. Matrix interference was confirmed. There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
- Z Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
- Z3 The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
- ZX Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD Relative Percent Difference

ADDITIONAL COMMENTS

For Hydrocarbon Distribution Analysis:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO):

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

17461 Deegan Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax (949) 260-3297

Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

Certification Summary

TestAmerica Irvine	Method	Matrix	Nelac	California
EPA 8015 MOD.	Soil		X	X
EPA 8260B	Soil		X	X
EPA 9045C	Soil		X	X
None	Soil			
None	Water			

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

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Project Manager

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1014 E. Colony Dr., Suite A, Corona, CA 92724 (949) 370-0467 FAX (949) 370-1046
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2520 E. Sunset Rd., #3, Las Vegas, NV 89120 (702) 798-9820 FAX (702) 798-9821

Page 1 of 4
IRL0634

Client Name/Address: Northgate Environmental 1100 Quail #102, Newport Beach, CA		Project/PO Number: 2024.01	
Project Manager: Derrick Willis Phone Number: (949) 375-7004 Fax Number: (949) 315-3365		Sampler: Don E. Brown	
Sample Description	Sample Matrix	Container Type	# of Sampling
II-390 (0-1)	Soil	1-T-34	4
II-390 (5-6)			
II-390 (10-11)			
II-31A (0-1)			
II-31A (5-6)			
II-31A (10-11)			
II-31A (15-16)			
II-27A (0-1)			
II-27A (10-11)			
II-37H (0-1)			
II-37H (5-6)			
II-37H (9-10)			
II-27H (0-1)			
II-27H (5-6)			

Analysis Required	Special Instructions
A=Analyze H=Hold FAX LOC TO Derrick Willis ASAP	

Refined By: [Signature] Date/Time: 12/4/08 12:30	Refined By: [Signature] Date/Time: 12/4/08 12:30	Refined By: [Signature] Date/Time: 12/4/08 12:30
Received By: [Signature] Date/Time: 12/4/08 12:30	Received By: [Signature] Date/Time: 12/4/08 12:30	Received By: [Signature] Date/Time: 12/4/08 12:30
Sample Integrity: (Check) 48 hours [X] 24 hours [X] 5 days [X] 72 hours [X]	Sample Integrity: (Check) 48 hours [X] 24 hours [X] 5 days [X] 72 hours [X]	Sample Integrity: (Check) 48 hours [X] 24 hours [X] 5 days [X] 72 hours [X]
Turnaround Time: (Check) same day [X] 1-4-08 1650	Turnaround Time: (Check) same day [X] 1-4-08 1650	Turnaround Time: (Check) same day [X] 1-4-08 1650

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

CHAIN OF CUSTODY FORM

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 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
 2520 E. Sunset Rd., #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Client Name/Address: Northgate Environmental
 1100 Ave. #102, Newport Beach, CA
 Project Manager: Derrick Willis
 Phone Number: (949) 375-7004
 Fax Number: (949) 315-3365
 Project/PO Number: 2024.01

Sample Description: TB-120408
 Matrix: Water
 Container Type: 404V
 # of Containers: 2
 Date: 12-4-08
 Sampling Time: 11:00
 Preservatives: 4°C

Sample: Don P. Brown
 Project Manager: Derrick Willis
 Phone Number: (949) 375-7004
 Fax Number: (949) 315-3365

Relinquished By:	Date/Time:	Relinquished By:	Date/Time:	Relinquished By:	Date/Time:	Relinquished By:	Date/Time:	Relinquished By:	Date/Time:	Relinquished By:	Date/Time:	Relinquished By:	Date/Time:
De 12/4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08
II-27H (10-11)	10:51	II-21I-1 (5-6)	11:05	II-21I-1 (5-6)	11:08	II-21I-2 (0-1)	11:22	II-21I-2 (5-6)	11:29	II-10I (0-1)	11:50	II-10I (5-6)	11:54
II-10I (10-11)	11:58	II-56 (0-1)	12:14	II-56 (5-6)	12:16	II-56 (10-11)	12:18	II-145 (0-1)	13:45	II-145 (5-6)	13:47		

Analysis Required: 48 hours
 Sample Integrity: (Check) ☒ Intact ☐ 48 hours ☐ 24 hours ☐ 12 hours ☐ 6 hours ☐ 3 hours ☐ 1 hour ☐ 30 minutes ☐ 15 minutes ☐ 5 minutes ☐ 1 minute ☐ 30 seconds ☐ 15 seconds ☐ 5 seconds ☐ 1 second ☐ 30 milliseconds ☐ 15 milliseconds ☐ 5 milliseconds ☐ 1 millisecond ☐ 300 microseconds ☐ 150 microseconds ☐ 50 microseconds ☐ 10 microseconds ☐ 5 microseconds ☐ 1 microsecond ☐ 300 nanoseconds ☐ 150 nanoseconds ☐ 50 nanoseconds ☐ 10 nanoseconds ☐ 5 nanoseconds ☐ 1 nanosecond ☐ 300 picoseconds ☐ 150 picoseconds ☐ 50 picoseconds ☐ 10 picoseconds ☐ 5 picoseconds ☐ 1 picosecond ☐ 300 femtoseconds ☐ 150 femtoseconds ☐ 50 femtoseconds ☐ 10 femtoseconds ☐ 5 femtoseconds ☐ 1 femtosecond ☐ 300 attoseconds ☐ 150 attoseconds ☐ 50 attoseconds ☐ 10 attoseconds ☐ 5 attoseconds ☐ 1 attosecond ☐ 300 zeptoseconds ☐ 150 zeptoseconds ☐ 50 zeptoseconds ☐ 10 zeptoseconds ☐ 5 zeptoseconds ☐ 1 zeptosecond ☐ 300 yoctoseconds ☐ 150 yoctoseconds ☐ 50 yoctoseconds ☐ 10 yoctoseconds ☐ 5 yoctoseconds ☐ 1 yoctosecond ☐ 300 rontoseconds ☐ 150 rontoseconds ☐ 50 rontoseconds ☐ 10 rontoseconds ☐ 5 rontoseconds ☐ 1 rontosecond ☐ 300 quectoseconds ☐ 150 quectoseconds ☐ 50 quectoseconds ☐ 10 quectoseconds ☐ 5 quectoseconds ☐ 1 quectosecond ☐ 300 hertoseconds ☐ 150 hertoseconds ☐ 50 hertoseconds ☐ 10 hertoseconds ☐ 5 hertoseconds ☐ 1 hertosecond ☐ 300 yottoseconds ☐ 150 yottoseconds ☐ 50 yottoseconds ☐ 10 yottoseconds ☐ 5 yottoseconds ☐ 1 yottosecond ☐ 300 zettoseconds ☐ 150 zettoseconds ☐ 50 zettoseconds ☐ 10 zettoseconds ☐ 5 zettoseconds ☐ 1 zettosecond ☐ 300 exaseconds ☐ 150 exaseconds ☐ 50 exaseconds ☐ 10 exaseconds ☐ 5 exaseconds ☐ 1 exasecond ☐ 300 petaseconds ☐ 150 petaseconds ☐ 50 petaseconds ☐ 10 petaseconds ☐ 5 petaseconds ☐ 1 petasecond ☐ 300 teraseconds ☐ 150 teraseconds ☐ 50 teraseconds ☐ 10 teraseconds ☐ 5 teraseconds ☐ 1 terasecond ☐ 300 gigaseconds ☐ 150 gigaseconds ☐ 50 gigaseconds ☐ 10 gigaseconds ☐ 5 gigaseconds ☐ 1 gigasecond ☐ 300 megaseconds ☐ 150 megaseconds ☐ 50 megaseconds ☐ 10 megaseconds ☐ 5 megaseconds ☐ 1 megasecond ☐ 300 kiloseconds ☐ 150 kiloseconds ☐ 50 kiloseconds ☐ 10 kiloseconds ☐ 5 kiloseconds ☐ 1 kilosecond ☐ 300 hectoseconds ☐ 150 hectoseconds ☐ 50 hectoseconds ☐ 10 hectoseconds ☐ 5 hectoseconds ☐ 1 hectosecond ☐ 300 decaseconds ☐ 150 decaseconds ☐ 50 decaseconds ☐ 10 decaseconds ☐ 5 decaseconds ☐ 1 decasecond ☐ 300 seconds ☐ 150 seconds ☐ 50 seconds ☐ 10 seconds ☐ 5 seconds ☐ 1 second ☐ 300 minutes ☐ 150 minutes ☐ 50 minutes ☐ 10 minutes ☐ 5 minutes ☐ 1 minute ☐ 300 hours ☐ 150 hours ☐ 50 hours ☐ 10 hours ☐ 5 hours ☐ 1 hour ☐ 300 days ☐ 150 days ☐ 50 days ☐ 10 days ☐ 5 days ☐ 1 day ☐ 300 weeks ☐ 150 weeks ☐ 50 weeks ☐ 10 weeks ☐ 5 weeks ☐ 1 week ☐ 300 months ☐ 150 months ☐ 50 months ☐ 10 months ☐ 5 months ☐ 1 month ☐ 300 years ☐ 150 years ☐ 50 years ☐ 10 years ☐ 5 years ☐ 1 year ☐ 300 centuries ☐ 150 centuries ☐ 50 centuries ☐ 10 centuries ☐ 5 centuries ☐ 1 century ☐ 300 millennia ☐ 150 millennia ☐ 50 millennia ☐ 10 millennia ☐ 5 millennia ☐ 1 millennium ☐ 300 eons ☐ 150 eons ☐ 50 eons ☐ 10 eons ☐ 5 eons ☐ 1 eon ☐ 300 eras ☐ 150 eras ☐ 50 eras ☐ 10 eras ☐ 5 eras ☐ 1 era ☐ 300 epochs ☐ 150 epochs ☐ 50 epochs ☐ 10 epochs ☐ 5 epochs ☐ 1 epoch ☐ 300 ages ☐ 150 ages ☐ 50 ages ☐ 10 ages ☐ 5 ages ☐ 1 age ☐ 300 aeons ☐ 150 aeons ☐ 50 aeons ☐ 10 aeons ☐ 5 aeons ☐ 1 aeon ☐ 300 eras ☐ 150 eras ☐ 50 eras ☐ 10 eras ☐ 5 eras ☐ 1 era ☐ 300 epochs ☐ 150 epochs ☐ 50 epochs ☐ 10 epochs ☐ 5 epochs ☐ 1 epoch ☐ 300 ages ☐ 150 ages ☐ 50 ages ☐ 10 ages ☐ 5 ages ☐ 1 age ☐ 300 aeons ☐ 150 aeons ☐ 50 aeons ☐ 10 aeons ☐ 5 aeons ☐ 1 aeon

Client Name/Address: Northgate Environmental
 1100 Ave. #102, Newport Beach, CA
 Project Manager: Derrick Willis
 Phone Number: (949) 375-7004
 Fax Number: (949) 315-3365
 Project/PO Number: 2024.01

Sample Description: TB-120408
 Matrix: Water
 Container Type: 404V
 # of Containers: 2
 Date: 12-4-08
 Sampling Time: 11:00
 Preservatives: 4°C

Sample: Don P. Brown
 Project Manager: Derrick Willis
 Phone Number: (949) 375-7004
 Fax Number: (949) 315-3365

Relinquished By:	Date/Time:	Relinquished By:	Date/Time:	Relinquished By:	Date/Time:	Relinquished By:	Date/Time:	Relinquished By:	Date/Time:	Relinquished By:	Date/Time:	Relinquished By:	Date/Time:
De 12/4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08	12-4-08
II-27H (10-11)	10:51	II-21I-1 (5-6)	11:05	II-21I-1 (5-6)	11:08	II-21I-2 (0-1)	11:22	II-21I-2 (5-6)	11:29	II-10I (0-1)	11:50	II-10I (5-6)	11:54
II-10I (10-11)	11:58	II-56 (0-1)	12:14	II-56 (5-6)	12:16	II-56 (10-11)	12:18	II-145 (0-1)	13:45	II-145 (5-6)	13:47		

Analysis Required: 48 hours
 Sample Integrity: (Check) ☒ Intact ☐ 48 hours ☐ 24 hours ☐ 12 hours ☐ 6 hours ☐ 3 hours ☐ 1 hour ☐ 30 minutes ☐ 15 minutes ☐ 5 minutes ☐ 1 minute ☐ 30 seconds ☐ 15 seconds ☐ 5 seconds ☐ 1 second ☐ 30 milliseconds ☐ 15 milliseconds ☐ 5 milliseconds ☐ 1 millisecond ☐ 300 microseconds ☐ 150 microseconds ☐ 50 microseconds ☐ 10 microseconds ☐ 5 microseconds ☐ 1 microsecond ☐ 300 nanoseconds ☐ 150 nanoseconds ☐ 50 nanoseconds ☐ 10 nanoseconds ☐ 5 nanoseconds ☐ 1 nanosecond ☐ 300 picoseconds ☐ 150 picoseconds ☐ 50 picoseconds ☐ 10 picoseconds ☐ 5 picoseconds ☐ 1 picosecond ☐ 300 femtoseconds ☐ 150 femtoseconds ☐ 50 femtoseconds ☐ 10 femtoseconds ☐ 5 femtoseconds ☐ 1 femtosecond ☐ 300 attoseconds ☐ 150 attoseconds ☐ 50 attoseconds ☐ 10 attoseconds ☐ 5 attoseconds ☐ 1 attosecond ☐ 300 zeptoseconds ☐ 150 zeptoseconds ☐ 50 zeptoseconds ☐ 10 zeptoseconds ☐ 5 zeptoseconds ☐ 1 zeptosecond ☐ 300 yoctoseconds ☐ 150 yoctoseconds ☐ 50 yoctoseconds ☐ 10 yoctoseconds ☐ 5 yoctoseconds ☐ 1 yoctosecond ☐ 300 rontoseconds ☐ 150 rontoseconds ☐ 50 rontoseconds ☐ 10 rontoseconds ☐ 5 rontoseconds ☐ 1 rontosecond ☐ 300 quectoseconds ☐ 150 quectoseconds ☐ 50 quectoseconds ☐ 10 quectoseconds ☐ 5 quectoseconds ☐ 1 quectosecond ☐ 300 hertoseconds ☐ 150 hertoseconds ☐ 50 hertoseconds ☐ 10 hertoseconds ☐ 5 hertoseconds ☐ 1 hertosecond ☐ 300 yottoseconds ☐ 150 yottoseconds ☐ 50 yottoseconds ☐ 10 yottoseconds ☐ 5 yottoseconds ☐ 1 yottosecond ☐ 300 zettoseconds ☐ 150 zettoseconds ☐ 50 zettoseconds ☐ 10 zettoseconds ☐ 5 zettoseconds ☐ 1 zettosecond ☐ 300 exaseconds ☐ 150 exaseconds ☐ 50 exaseconds ☐ 10 exaseconds ☐ 5 exaseconds ☐ 1 exasecond ☐ 300 petaseconds ☐ 150 petaseconds ☐ 50 petaseconds ☐ 10 petaseconds ☐ 5 petaseconds ☐ 1 petasecond ☐ 300 teraseconds ☐ 150 teraseconds ☐ 50 teraseconds ☐ 10 teraseconds ☐ 5 teraseconds ☐ 1 terasecond ☐ 300 gigaseconds ☐ 150 gigaseconds ☐ 50 gigaseconds ☐ 10 gigaseconds ☐ 5 gigaseconds ☐ 1 gigasecond ☐ 300 megaseconds ☐ 150 megaseconds ☐ 50 megaseconds ☐ 10 megaseconds ☐ 5 megaseconds ☐ 1 megasecond ☐ 300 kiloseconds ☐ 150 kiloseconds ☐ 50 kiloseconds ☐ 10 kiloseconds ☐ 5 kiloseconds ☐ 1 kilosecond ☐ 300 hectoseconds ☐ 150 hectoseconds ☐ 50 hectoseconds ☐ 10 hectoseconds ☐ 5 hectoseconds ☐ 1 hectosecond ☐ 300 decaseconds ☐ 150 decaseconds ☐ 50 decaseconds ☐ 10 decaseconds ☐ 5 decaseconds ☐ 1 decasecond ☐ 300 seconds ☐ 150 seconds ☐ 50 seconds ☐ 10 seconds ☐ 5 seconds ☐ 1 second ☐ 300 minutes ☐ 150 minutes ☐ 50 minutes ☐ 10 minutes ☐ 5 minutes ☐ 1 minute ☐ 300 hours ☐ 150 hours ☐ 50 hours ☐ 10 hours ☐ 5 hours ☐ 1 hour ☐ 300 days ☐ 150 days ☐ 50 days ☐ 10 days ☐ 5 days ☐ 1 day ☐ 300 weeks ☐ 150 weeks ☐ 50 weeks ☐ 10 weeks ☐ 5 weeks ☐ 1 week ☐ 300 months ☐ 150 months ☐ 50 months ☐ 10 months ☐ 5 months ☐ 1 month ☐ 300 years ☐ 150 years ☐ 50 years ☐ 10 years ☐ 5 years ☐ 1 year ☐ 300 centuries ☐ 150 centuries ☐ 50 centuries ☐ 10 centuries ☐ 5 centuries ☐ 1 century ☐ 300 millennia ☐ 150 millennia ☐ 50 millennia ☐ 10 millennia ☐ 5 millennia ☐ 1 millennium ☐ 300 eons ☐ 150 eons ☐ 50 eons ☐ 10 eons ☐ 5 eons ☐ 1 eon ☐ 300 eras ☐ 150 eras ☐ 50 eras ☐ 10 eras ☐ 5 eras ☐ 1 era ☐ 300 epochs ☐ 150 epochs ☐ 50 epochs ☐ 10 epochs ☐ 5 epochs ☐ 1 epoch ☐ 300 ages ☐ 150 ages ☐ 50 ages ☐ 10 ages ☐ 5 ages ☐ 1 age ☐ 300 aeons ☐ 150 aeons ☐ 50 aeons ☐ 10 aeons ☐ 5 aeons ☐ 1 aeon

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CHAIN OF CUSTODY FORM

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Page 3 of 4

LABORATORY REPORT

Prepared For: Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project: Solar Energy Generating System
2024.01.01S-01

Sampled: 12/04/08
Received: 12/04/08
Issued: 12/10/08 12:58

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

This entire report was reviewed and approved for release.

CASE NARRATIVE

Samples were received intact, at 2°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the Test/America Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

DATA/OC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: No significant observations were made.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

ADDITIONAL

Only the additional 8015B-Therminol test result for sample GW-1, requested 12/8/08, is included in this report.

LABORATORY ID
IRL0634-45

CLIENT ID	MATRIX
GW-1	Water

Reviewed By:

TestAmerica Irvine
Patty Mata
Project Manager

IRL0634 <Page 1 of 5>

Client Name/Address: Northgate Environmental 1100 Quail, #102, Newport Beach, CA									
Project Manager: Derrick W. Ellis Phone Number: (949) 375-7004									
Sampler: Dana R. Brown Fax Number: (949) 315-3365									
Sample Matrix	Sample Container	# of Cont.	Sampling Date	Sampling Time	Preservatives				
II-CT-3(5-6)	501-1-T	1	12-4-08	16:29	4°C	A	A	H	
II-CT-3(10-11)	↑	↑	↑	16:42	↑	A	A	H	
GW-1	Water	2-A-34	↑	08:00	↑				

Analysis Required									
Special Instructions A=Analyze H=Hold FAX COC TO Derrick W. Ellis ASAP									
Reinforced By:	12/4/08	Date/Time:	Received By:	12/4/08 16:50	Date/Time:	Turnaround Time:	(Check)	same day	72 hours
Reinforced By:	12/4/08	Date/Time:	Received By:	12/4/08 19:37	Date/Time:	Turnaround Time:	(Check)	24 hours	5 days
Reinforced By:	12/4/08	Date/Time:	Received in Lab By:	12/4/08 20:35	Date/Time:	Sample Integrity:	(Check)	48 hours	normal
Reinforced By:	12/4/08	Date/Time:	Received in Lab By:	12/4/08 20:35	Date/Time:	Sample Integrity:	(Check)	Intact	on ice

2-5?

Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01

Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

DATA QUALIFIERS AND DEFINITIONS

MNRI There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

TestAmerica Irvine
Patty Mata
Project Manager

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01

Report Number: IRL0634

Sampled: 12/04/08
Received: 12/04/08

Certification Summary

TestAmerica Irvine	Method	Matrix	Nelac	California
EPA 8013B	Water	X	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine
Patty Mata
Project Manager

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 8830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 755-0043 FAX (480) 755-0851
 2520 E. Sunset Rd., #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Client Name/Address: **Northgate Environmental**
 1100 Ave. #102, Newport Beach, CA
 Project Manager: **Derrick Willis**
 Sample: **Don E. Brown**

Phone Number: (949) 375-7004
 Fax Number: (949) 315-3365

Project/PO Number: **2024.01**

Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date	Sampling Time	Preservatives
II-390 (0-1)	Soil	1-T-3-V	4	12/4/08	8:04	4°C
II-390 (5-6)						
II-390 (10-11)						
II-31A (0-1)						
II-31A (5-6)						
II-31A (10-11)						
II-31A (15-16)						
II-27A (0-1)						
II-27A (10-11)						
II-37H (0-1)						
II-37H (5-6)						
II-37H (9-10)						
II-27H (0-1)						
II-27H (5-6)						

Received By: **Michael Brown** Date/Time: **12-4-08 16:50**
 Received By: **Michael Brown** Date/Time: **12-4-08 19:37**
 Received By: **Michael Brown** Date/Time: **12-4-08 20:35**

Turnaround Time: (Check) ☒ 24 hours ☐ 48 hours ☐ 72 hours ☐ same day

Sample Integrity: (Check) ☒ normal ☐ 5 days ☐ 72 hours ☐ on ice

Analysis Required: ☒ BTX ☒ TPH (C15-C25) ☒ diphenyl oxide/biphenyl

Special Instructions: **A=Analyze H=Hold FAX LOC TO Derrick Willis ASAP**

Page 1 of 4

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

CHAIN OF CUSTODY FORM

17451 Dorian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
 1014 E. Colony Dr., Suite B-120, Phoenix, AZ 85044 (480) 755-0043 FAX (480) 755-0851
 8830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 755-0043 FAX (480) 755-0851
 2520 E. Sunset Rd., #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Client Name/Address: **Northgate Environmental**
 1100 Ave. #102, Newport Beach, CA
 Project Manager: **Derrick Willis**
 Sample: **Don E. Brown**

Phone Number: (949) 375-7004
 Fax Number: (949) 315-3365

Project/PO Number: **2024.01**

Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date	Sampling Time	Preservatives
II-27H (10-11)	Soil	1-T-3-V	4	12-4-08	11:00	4°C
II-21I-1 (5-6)						
II-21I-1 (0-1)						
II-21I-2 (0-1)						
II-21I-2 (5-6)						
II-10I (0-1)						
II-10I (5-6)						
II-10I (10-11)						
II-56 (0-1)						
II-56 (5-6)						
II-56 (10-11)						
II-145 (0-1)						
II-145 (5-6)						

Received By: **Michael Brown** Date/Time: **12-4-08 16:50**
 Received By: **Michael Brown** Date/Time: **12-4-08 19:37**
 Received By: **Michael Brown** Date/Time: **12-4-08 20:35**

Turnaround Time: (Check) ☒ 24 hours ☐ 48 hours ☐ 72 hours ☐ same day

Sample Integrity: (Check) ☒ normal ☐ 5 days ☐ 72 hours ☐ on ice

Analysis Required: ☒ BTX ☒ TPH (C15-C25) ☒ diphenyl oxide/biphenyl

Special Instructions: **A=Analyze H=Hold FAX LOC TO Derrick Willis ASAP**

Page 2 of 4

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

[illegible]

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project.

2.5.2

[illegible]

Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

2.5c

LABORATORY REPORT

Prepared For: Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project: Solar Energy Generating System
2024.01.01 S-01

Sampled: 12/05/08
Received: 12/05/08
Issued: 12/09/08 17:28

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 3°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: No significant observations were made.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

ADDITIONAL INFORMATION: Thermol target compounds were reported as 1,1'-Biphenyl (CAS # 92-52-4) and 1,1'-Oxybisbenzene (CAS # 101-84-8, aka Diphenyl oxide).
Selected surrogate concentrations were diluted below detection limits due to sample dilution for target analyte or matrix interference. The affected surrogate concentrations were flagged with Z3 qualifiers.

LABORATORY ID	CLIENT ID	MATRIX
IRL0780-01	L_61 F-1 (0-1)	Soil
IRL0780-02	L_61 F-1 (5-6)	Soil
IRL0780-03	L_61 F-1 (10-11)	Soil
IRL0780-04	L_61 F-2 (0-1)	Soil
IRL0780-05	L_61 F-2 (5-6)	Soil
IRL0780-06	L_61 F-2 (10-11)	Soil
IRL0780-07	L_4B (0-1)	Soil

TestAmerica Irvine
Patty Mata
Project Manager

Northgate Environmental Management

1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System

2024.01.01 S-01

Report Number: IRL0780

Sampled: 12/05/08

Received: 12/05/08

LABORATORY ID	CLIENT ID	MATRIX
IRL0780-08	L_4B (5-6)	Soil
IRL0780-09	L_4B (10-11)	Soil
IRL0780-10	L_4B (15-16)	Soil
IRL0780-11	L_17B (0-1)	Soil
IRL0780-12	L_17B (5-6)	Soil
IRL0780-13	L_17B (10-11)	Soil
IRL0780-14	L_12B (0-1)	Soil
IRL0780-15	L_12B (5-6)	Soil
IRL0780-16	L_17E (0-1)	Soil
IRL0780-17	L_17E (5-6)	Soil
IRL0780-18	L_17E (10-11)	Soil
IRL0780-19	TB-120508	Water
IRL0780-20	L_28G-1 (0-1)	Soil
IRL0780-21	L_28G-1 (5-6)	Soil
IRL0780-22	L_28G-1 (10-11)	Soil
IRL0780-23	L_28G-2 (0-1)	Soil
IRL0780-24	L_28G-2 (5-6)	Soil
IRL0780-25	L_28G-2 (10-11)	Soil
IRL0780-26	L_29H (0-1)	Soil
IRL0780-27	L_29H (5-6)	Soil
IRL0780-28	L_29H (10-11)	Soil
IRL0780-29	L_SP-1 (0-1)	Soil
IRL0780-30	L_SP-1 (5-6)	Soil
IRL0780-31	L_SP-2 (0-1)	Soil
IRL0780-32	L_SP-2 (5-6)	Soil
IRL0780-33	L_SP-2 (10-11)	Soil
IRL0780-34	II_PB-1 (0-1)	Soil
IRL0780-35	II_PB-1 (10-11)	Soil
IRL0780-36	II_PB-1 (5-6)	Soil
IRL0780-37	II_PB-2 (0-0.5)	Soil

Reviewed By:



TestAmerica Irvine
Patty Mata
Project Manager

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-01 (L 61 F-1 (0-1) - Soil)								
Reporting Units: mg/kg								RL2
1,1'-Biphenyl	EPA 8015 MOD	8L06027	16	ND	8	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L06027	16	ND	8	12/6/2008	12/7/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				*				23
Sample ID: IRL0780-02 (L 61 F-1 (5-6) - Soil)								
Reporting Units: mg/kg								RL2
1,1'-Biphenyl	EPA 8015 MOD	8L06027	16	ND	8	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L06027	16	ND	8	12/6/2008	12/7/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				*				23
Sample ID: IRL0780-03 (L 61 F-1 (10-11) - Soil)								
Reporting Units: mg/kg								RL2
1,1'-Biphenyl	EPA 8015 MOD	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				73 %				
Sample ID: IRL0780-04 (L 61 F-2 (0-1) - Soil)								
Reporting Units: mg/kg								RL2
1,1'-Biphenyl	EPA 8015 MOD	8L06027	80	ND	40	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L06027	80	ND	40	12/6/2008	12/6/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				*				23
Sample ID: IRL0780-05 (L 61 F-2 (5-6) - Soil)								
Reporting Units: mg/kg								RL2
1,1'-Biphenyl	EPA 8015 MOD	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				71 %				
Sample ID: IRL0780-06 (L 61 F-2 (10-11) - Soil)								
Reporting Units: mg/kg								RL2
1,1'-Biphenyl	EPA 8015 MOD	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				72 %				
Sample ID: IRL0780-07 (L 4B (0-1) - Soil)								
Reporting Units: mg/kg								RL2
1,1'-Biphenyl	EPA 8015 MOD	8L06027	20	ND	10	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L06027	20	ND	10	12/6/2008	12/7/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				*				23

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Project Manager

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THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-08 (L 4B (5-6) - Soil)								
Reporting Units: mg/kg								RL2
1,1'-Biphenyl	EPA 8015 MOD	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				77 %				
Sample ID: IRL0780-09 (L 4B (10-11) - Soil)								
Reporting Units: mg/kg								RL2
1,1'-Biphenyl	EPA 8015 MOD	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				71 %				
Sample ID: IRL0780-10 (L 4B (15-16) - Soil)								
Reporting Units: mg/kg								RL2
1,1'-Biphenyl	EPA 8015 MOD	8L06027	2.0	ND	0.999	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L06027	2.0	ND	0.999	12/6/2008	12/6/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				70 %				
Sample ID: IRL0780-11 (L 17B (0-1) - Soil)								
Reporting Units: mg/kg								RL2
1,1'-Biphenyl	EPA 8015 MOD	8L06027	8.0	ND	4	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L06027	8.0	ND	4	12/6/2008	12/7/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				15 %				23
Sample ID: IRL0780-12 (L 17B (5-6) - Soil)								
Reporting Units: mg/kg								RL2
1,1'-Biphenyl	EPA 8015 MOD	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				78 %				
Sample ID: IRL0780-13 (L 17B (10-11) - Soil)								
Reporting Units: mg/kg								RL2
1,1'-Biphenyl	EPA 8015 MOD	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				73 %				
Sample ID: IRL0780-14 (L 12B (0-1) - Soil)								
Reporting Units: mg/kg								RL2
1,1'-Biphenyl	EPA 8015 MOD	8L06027	20	ND	10	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L06027	20	ND	10	12/6/2008	12/7/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				*				23

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THE LEADER IN ENVIRONMENTAL TESTING

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

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Sampled: 12/05/08
Received: 12/05/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-15 (L12B (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
Surrogate: n-Octadecane (40-125%)				75 %				
Sample ID: IRL0780-16 (L17E (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
Surrogate: n-Octadecane (40-125%)				75 %				
Sample ID: IRL0780-17 (L17E (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
Surrogate: n-Octadecane (40-125%)				75 %				
Sample ID: IRL0780-18 (L17E (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
Surrogate: n-Octadecane (40-125%)				75 %				
Sample ID: IRL0780-20 (L12B (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
Surrogate: n-Octadecane (40-125%)				86 %				
Sample ID: IRL0780-21 (L28G-1 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
Surrogate: n-Octadecane (40-125%)				75 %				
Sample ID: IRL0780-22 (L28G-1 (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06027	2.0	ND	1	12/6/2008	12/6/2008	
Surrogate: n-Octadecane (40-125%)				72 %				

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Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

Norgate Environmental Management
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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

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Sampled: 12/05/08
Received: 12/05/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-23 (L28G-2 (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L06032	8.0	ND	4	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06032	8.0	ND	4	12/6/2008	12/7/2008	
Surrogate: n-Octadecane (40-125%)								
Sample ID: IRL0780-24 (L28G-2 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L06032	2.0	ND	1	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06032	2.0	ND	1	12/6/2008	12/7/2008	
Surrogate: n-Octadecane (40-125%)				79 %				
Sample ID: IRL0780-25 (L28G-2 (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L06032	2.0	ND	1	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06032	2.0	ND	1	12/6/2008	12/7/2008	
Surrogate: n-Octadecane (40-125%)				89 %				
Sample ID: IRL0780-26 (L29H (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L06032	40	ND	20	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06032	40	ND	20	12/6/2008	12/7/2008	
Surrogate: n-Octadecane (40-125%)								
Sample ID: IRL0780-27 (L29H (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L06032	2.0	ND	1	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06032	2.0	ND	1	12/6/2008	12/7/2008	
Surrogate: n-Octadecane (40-125%)				83 %				
Sample ID: IRL0780-28 (L29H (10-11) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L06032	2.0	ND	1	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06032	2.0	ND	1	12/6/2008	12/7/2008	
Surrogate: n-Octadecane (40-125%)				85 %				
Sample ID: IRL0780-29 (L29H (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L06032	2.0	ND	1	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06032	2.0	ND	1	12/6/2008	12/7/2008	
Surrogate: n-Octadecane (40-125%)				71 %				

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780
Sampled: 12/05/08
Received: 12/05/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Dilution Result Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-30 (I_SP-1 (5-6) - Soil)							
Reporting Units: mg/kg							
1,1'-Biphenyl	EPA 8015 MOD.	8L06032	2.0	ND	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06032	2.0	ND	12/6/2008	12/7/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				67 %			
Sample ID: IRL0780-31 (I_SP-2 (0-1) - Soil)							
Reporting Units: mg/kg							
1,1'-Biphenyl	EPA 8015 MOD.	8L06032	2.0	ND	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06032	2.0	ND	12/6/2008	12/7/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				81 %			
Sample ID: IRL0780-32 (I_SP-2 (5-6) - Soil)							
Reporting Units: mg/kg							
1,1'-Biphenyl	EPA 8015 MOD.	8L06032	2.0	ND	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06032	2.0	ND	12/6/2008	12/7/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				89 %			
Sample ID: IRL0780-33 (I_SP-2 (10-11) - Soil)							
Reporting Units: mg/kg							
1,1'-Biphenyl	EPA 8015 MOD.	8L06032	2.0	ND	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06032	2.0	ND	12/6/2008	12/7/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				74 %			
Sample ID: IRL0780-34 (I_SP-1 (0-1) - Soil)							
Reporting Units: mg/kg							
1,1'-Biphenyl	EPA 8015 MOD.	8L06032	2000	ND	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06032	2000	2500	12/6/2008	12/7/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				569 %			
Sample ID: IRL0780-35 (I_SP-1 (10-11) - Soil)							
Reporting Units: mg/kg							
1,1'-Biphenyl	EPA 8015 MOD.	8L06032	2.0	ND	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06032	2.0	ND	12/6/2008	12/7/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				87 %			
Sample ID: IRL0780-36 (I_SP-1 (5-6) - Soil)							
Reporting Units: mg/kg							
1,1'-Biphenyl	EPA 8015 MOD.	8L06032	2.0	ND	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06032	2.0	ND	12/6/2008	12/7/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				121 %			

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780
Sampled: 12/05/08
Received: 12/05/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Dilution Result Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-37 (I_PB-2 (0-0.5) - Soil)							
Reporting Units: mg/kg							
1,1'-Biphenyl	EPA 8015 MOD.	8L06032	8.0	ND	12/6/2008	12/7/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L06032	8.0	ND	12/6/2008	12/7/2008	
Surrogate: <i>n</i> -Octacosane (40-125%)				*			

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Northgate Environmental Management
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-01 (L 61 F-1 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L07005	1.6	ND	0.812	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	1.6	ND	0.812	12/7/2008	12/7/2008	1
Toluene	EPA 8260B	8L07005	1.6	ND	0.812	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	1.6	ND	0.812	12/7/2008	12/7/2008	1
o-Xylene	EPA 8260B	8L07005	1.6	ND	0.812	12/7/2008	12/7/2008	1
Xylenes, Total	EPA 8260B	8L07005	3.2	ND	0.812	12/7/2008	12/7/2008	1
Surrogate: 4-Bromofluorobenzene (75-120%)				68 %				Z
Surrogate: Dibromofluoromethane (80-135%)				114 %				
Surrogate: Toluene-d8 (80-120%)				65 %				Z

Sample ID: IRL0780-02 (L 61 F-1 (5-6) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06016	1.9	ND	0.973	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06016	1.9	ND	0.973	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06016	1.9	ND	0.973	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06016	1.9	ND	0.973	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06016	1.9	ND	0.973	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06016	3.9	ND	0.973	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				67 %				Z
Surrogate: Dibromofluoromethane (80-135%)				105 %				
Surrogate: Toluene-d8 (80-120%)				74 %				Z

Sample ID: IRL0780-03 (L 61 F-1 (10-11) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06016	1.9	ND	0.958	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06016	1.9	ND	0.958	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06016	1.9	ND	0.958	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06016	1.9	ND	0.958	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06016	1.9	ND	0.958	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06016	3.8	ND	0.958	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %				
Surrogate: Dibromofluoromethane (80-135%)				95 %				
Surrogate: Toluene-d8 (80-120%)				95 %				

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-04 (L 61 F-2 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L07005	1.7	ND	0.836	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	1.7	ND	0.836	12/7/2008	12/7/2008	1
Toluene	EPA 8260B	8L07005	1.7	ND	0.836	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	1.7	ND	0.836	12/7/2008	12/7/2008	1
o-Xylene	EPA 8260B	8L07005	1.7	ND	0.836	12/7/2008	12/7/2008	1
Xylenes, Total	EPA 8260B	8L07005	3.3	ND	0.836	12/7/2008	12/7/2008	1
Surrogate: 4-Bromofluorobenzene (75-120%)				65 %				Z
Surrogate: Dibromofluoromethane (80-135%)				114 %				
Surrogate: Toluene-d8 (80-120%)				70 %				Z

Sample ID: IRL0780-05 (L 61 F-2 (5-6) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06016	2.8	ND	1.39	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06016	2.8	ND	1.39	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06016	2.8	ND	1.39	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06016	2.8	ND	1.39	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06016	2.8	ND	1.39	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06016	5.5	ND	1.39	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				96 %				
Surrogate: Dibromofluoromethane (80-135%)				101 %				
Surrogate: Toluene-d8 (80-120%)				96 %				

Sample ID: IRL0780-06 (L 61 F-2 (10-11) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06016	3.2	ND	1.62	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06016	3.2	ND	1.62	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06016	3.2	ND	1.62	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06016	3.2	ND	1.62	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06016	3.2	ND	1.62	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06016	6.5	ND	1.62	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				95 %				
Surrogate: Dibromofluoromethane (80-135%)				97 %				
Surrogate: Toluene-d8 (80-120%)				100 %				

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-07 (L_4B (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06016	2.0	ND	1.01	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06016	2.0	ND	1.01	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06016	2.0	ND	1.01	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06016	2.0	ND	1.01	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06016	2.0	ND	1.01	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06016	4.0	ND	1.01	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
93 %								
99 %								
92 %								
Sample ID: IRL0780-08 (L_4B (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06016	2.0	ND	0.988	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06016	2.0	ND	0.988	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06016	2.0	ND	0.988	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06016	2.0	ND	0.988	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06016	2.0	ND	0.988	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06016	4.0	ND	0.988	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
96 %								
99 %								
96 %								
Sample ID: IRL0780-09 (L_4B (10-11) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06016	2.0	ND	1.02	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06016	2.0	ND	1.02	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06016	2.0	ND	1.02	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06016	2.0	ND	1.02	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06016	2.0	ND	1.02	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06016	4.1	ND	1.02	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
93 %								
100 %								
95 %								

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-10 (L_4B (15-16) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06016	1.9	ND	0.929	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06016	1.9	ND	0.929	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06016	1.9	ND	0.929	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06016	1.9	ND	0.929	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06016	1.9	ND	0.929	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06016	3.7	ND	0.929	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
94 %								
102 %								
100 %								
Sample ID: IRL0780-11 (L_17B (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06016	1.9	ND	0.963	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06016	1.9	ND	0.963	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06016	1.9	ND	0.963	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06016	1.9	ND	0.963	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06016	1.9	ND	0.963	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06016	3.9	ND	0.963	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
90 %								
102 %								
97 %								
Sample ID: IRL0780-12 (L_17B (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06016	2.1	ND	1.04	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06016	2.1	ND	1.04	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06016	2.1	ND	1.04	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06016	2.1	ND	1.04	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06016	2.1	ND	1.04	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06016	4.2	ND	1.04	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
97 %								
100 %								
97 %								

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Project ID: Solar Energy Generating System
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Report Number: IRL0780

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Received: 12/05/08

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-13 (L_17B (10-11) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06016	2.3	ND	1.17	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06016	2.3	ND	1.17	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06016	2.3	ND	1.17	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06016	2.3	ND	1.17	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06016	2.3	ND	1.17	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06016	4.7	ND	1.17	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				95 %				
Surrogate: Dibromofluoromethane (80-135%)				102 %				
Surrogate: Toluene-d8 (80-120%)				97 %				
Sample ID: IRL0780-14 (L_12B (6-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06016	1.9	ND	0.967	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06016	1.9	ND	0.967	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06016	1.9	ND	0.967	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06016	1.9	ND	0.967	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06016	1.9	ND	0.967	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06016	3.9	ND	0.967	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				79 %				
Surrogate: Dibromofluoromethane (80-135%)				104 %				
Surrogate: Toluene-d8 (80-120%)				87 %				
Sample ID: IRL0780-15 (L_12B (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L07005	2.0	ND	1	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	2.0	ND	1	12/7/2008	12/7/2008	
Toluene	EPA 8260B	8L07005	2.0	ND	1	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	2.0	ND	1	12/7/2008	12/7/2008	
o-Xylene	EPA 8260B	8L07005	2.0	ND	1	12/7/2008	12/7/2008	
Xylenes, Total	EPA 8260B	8L07005	4.0	ND	1	12/7/2008	12/7/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				91 %				
Surrogate: Dibromofluoromethane (80-135%)				106 %				
Surrogate: Toluene-d8 (80-120%)				95 %				

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

17461 Delian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-16 (L_17E (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L07005	1.7	ND	0.853	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	1.7	ND	0.853	12/7/2008	12/7/2008	
Toluene	EPA 8260B	8L07005	1.7	ND	0.853	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	1.7	ND	0.853	12/7/2008	12/7/2008	
o-Xylene	EPA 8260B	8L07005	1.7	ND	0.853	12/7/2008	12/7/2008	
Xylenes, Total	EPA 8260B	8L07005	3.4	ND	0.853	12/7/2008	12/7/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				89 %				
Surrogate: Dibromofluoromethane (80-135%)				104 %				
Surrogate: Toluene-d8 (80-120%)				95 %				
Sample ID: IRL0780-17 (L_17E (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L07005	2.1	ND	1.03	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	2.1	ND	1.03	12/7/2008	12/7/2008	
Toluene	EPA 8260B	8L07005	2.1	ND	1.03	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	2.1	ND	1.03	12/7/2008	12/7/2008	
o-Xylene	EPA 8260B	8L07005	2.1	ND	1.03	12/7/2008	12/7/2008	
Xylenes, Total	EPA 8260B	8L07005	4.1	ND	1.03	12/7/2008	12/7/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				90 %				
Surrogate: Dibromofluoromethane (80-135%)				109 %				
Surrogate: Toluene-d8 (80-120%)				95 %				
Sample ID: IRL0780-18 (L_17E (10-11) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L07005	2.2	ND	1.11	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	2.2	ND	1.11	12/7/2008	12/7/2008	
Toluene	EPA 8260B	8L07005	2.2	ND	1.11	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	2.2	ND	1.11	12/7/2008	12/7/2008	
o-Xylene	EPA 8260B	8L07005	2.2	ND	1.11	12/7/2008	12/7/2008	
Xylenes, Total	EPA 8260B	8L07005	4.4	ND	1.11	12/7/2008	12/7/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				89 %				
Surrogate: Dibromofluoromethane (80-135%)				109 %				
Surrogate: Toluene-d8 (80-120%)				95 %				

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Project ID: Solar Energy Generating System
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Sampled: 12/05/08
Received: 12/05/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-20 (I_28G-1 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L07005	1.9	ND	0.949	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	1.9	ND	0.949	12/7/2008	12/7/2008	
Toluene	EPA 8260B	8L07005	1.9	ND	0.949	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	1.9	ND	0.949	12/7/2008	12/7/2008	
o-Xylene	EPA 8260B	8L07005	1.9	ND	0.949	12/7/2008	12/7/2008	
Xylenes, Total	EPA 8260B	8L07005	3.8	ND	0.949	12/7/2008	12/7/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				90 %				
Surrogate: Dibromofluoromethane (80-135%)				105 %				
Surrogate: Toluene-d8 (80-120%)				94 %				

Sample ID: IRL0780-21 (I_28G-1 (5-6) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06014	2.0	ND	1.01	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06014	2.0	ND	1.01	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06014	2.0	ND	1.01	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06014	2.0	ND	1.01	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06014	2.0	ND	1.01	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06014	4.0	ND	1.01	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %				
Surrogate: Dibromofluoromethane (80-135%)				97 %				
Surrogate: Toluene-d8 (80-120%)				94 %				

Sample ID: IRL0780-22 (I_28G-1 (10-11) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06014	2.1	ND	1.03	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06014	2.1	ND	1.03	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06014	2.1	ND	1.03	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06014	2.1	ND	1.03	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06014	2.1	ND	1.03	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06014	4.1	ND	1.03	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				94 %				

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-23 (I_28G-2 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L06014	2.3	ND	1.14	12/6/2008	12/6/2008	
Ethylbenzene	EPA 8260B	8L06014	2.3	ND	1.14	12/6/2008	12/6/2008	
Toluene	EPA 8260B	8L06014	2.3	ND	1.14	12/6/2008	12/6/2008	
m,p-Xylenes	EPA 8260B	8L06014	2.3	ND	1.14	12/6/2008	12/6/2008	
o-Xylene	EPA 8260B	8L06014	2.3	ND	1.14	12/6/2008	12/6/2008	
Xylenes, Total	EPA 8260B	8L06014	4.6	ND	1.14	12/6/2008	12/6/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				91 %				
Surrogate: Dibromofluoromethane (80-135%)				99 %				
Surrogate: Toluene-d8 (80-120%)				94 %				

Sample ID: IRL0780-24 (I_28G-2 (5-6) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L07005	2.0	ND	0.99	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	2.0	ND	0.99	12/7/2008	12/7/2008	
Toluene	EPA 8260B	8L07005	2.0	ND	0.99	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	2.0	ND	0.99	12/7/2008	12/7/2008	
o-Xylene	EPA 8260B	8L07005	2.0	ND	0.99	12/7/2008	12/7/2008	
Xylenes, Total	EPA 8260B	8L07005	4.0	ND	0.99	12/7/2008	12/7/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				95 %				

Sample ID: IRL0780-25 (I_28G-2 (10-11) - Soil)

Reporting Units: ug/kg								
Benzene	EPA 8260B	8L07005	1.9	ND	0.971	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	1.9	ND	0.971	12/7/2008	12/7/2008	
Toluene	EPA 8260B	8L07005	1.9	ND	0.971	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	1.9	ND	0.971	12/7/2008	12/7/2008	
o-Xylene	EPA 8260B	8L07005	1.9	ND	0.971	12/7/2008	12/7/2008	
Xylenes, Total	EPA 8260B	8L07005	3.9	ND	0.971	12/7/2008	12/7/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				99 %				
Surrogate: Toluene-d8 (80-120%)				95 %				

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Northgate Environmental Management
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Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-26 (I_29H (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L07005	1.7	ND	0.852	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	1.7	ND	0.852	12/7/2008	12/7/2008	1
Toluene	EPA 8260B	8L07005	1.7	ND	0.852	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	1.7	ND	0.852	12/7/2008	12/7/2008	1
o-Xylene	EPA 8260B	8L07005	1.7	ND	0.852	12/7/2008	12/7/2008	1
Xylenes, Total	EPA 8260B	8L07005	3.4	ND	0.852	12/7/2008	12/7/2008	1
Surrogate: 4-Bromofluorobenzene (75-120%)				55 %				Z
Surrogate: Dibromofluoromethane (80-135%)				116 %				
Surrogate: Toluene-d8 (80-120%)				60 %				Z
Sample ID: IRL0780-27 (I_29H (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L07005	1.9	ND	0.949	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	1.9	ND	0.949	12/7/2008	12/7/2008	
Toluene	EPA 8260B	8L07005	1.9	ND	0.949	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	1.9	ND	0.949	12/7/2008	12/7/2008	
o-Xylene	EPA 8260B	8L07005	1.9	ND	0.949	12/7/2008	12/7/2008	
Xylenes, Total	EPA 8260B	8L07005	3.8	ND	0.949	12/7/2008	12/7/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				94 %				
Sample ID: IRL0780-28 (I_29H (10-11) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L07005	2.4	ND	1.2	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	2.4	ND	1.2	12/7/2008	12/7/2008	
Toluene	EPA 8260B	8L07005	2.4	ND	1.2	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	2.4	ND	1.2	12/7/2008	12/7/2008	
o-Xylene	EPA 8260B	8L07005	2.4	ND	1.2	12/7/2008	12/7/2008	
Xylenes, Total	EPA 8260B	8L07005	4.8	ND	1.2	12/7/2008	12/7/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				99 %				
Surrogate: Toluene-d8 (80-120%)				96 %				

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Northgate Environmental Management
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-29 (I_SP-1 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L07005	1.8	ND	0.896	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	1.8	ND	0.896	12/7/2008	12/7/2008	
Toluene	EPA 8260B	8L07005	1.8	ND	0.896	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	1.8	ND	0.896	12/7/2008	12/7/2008	
o-Xylene	EPA 8260B	8L07005	1.8	ND	0.896	12/7/2008	12/7/2008	
Xylenes, Total	EPA 8260B	8L07005	3.6	ND	0.896	12/7/2008	12/7/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				97 %				
Surrogate: Toluene-d8 (80-120%)				95 %				
Sample ID: IRL0780-30 (I_SP-1 (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L07005	1.9	ND	0.933	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	1.9	ND	0.933	12/7/2008	12/7/2008	
Toluene	EPA 8260B	8L07005	1.9	ND	0.933	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	1.9	ND	0.933	12/7/2008	12/7/2008	
o-Xylene	EPA 8260B	8L07005	1.9	ND	0.933	12/7/2008	12/7/2008	
Xylenes, Total	EPA 8260B	8L07005	3.7	ND	0.933	12/7/2008	12/7/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				95 %				
Sample ID: IRL0780-31 (I_SP-2 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L07005	1.9	ND	0.975	12/7/2008	12/7/2008	
Ethylbenzene	EPA 8260B	8L07005	1.9	ND	0.975	12/7/2008	12/7/2008	
Toluene	EPA 8260B	8L07005	1.9	ND	0.975	12/7/2008	12/7/2008	
m,p-Xylenes	EPA 8260B	8L07005	1.9	ND	0.975	12/7/2008	12/7/2008	
o-Xylene	EPA 8260B	8L07005	1.9	ND	0.975	12/7/2008	12/7/2008	
Xylenes, Total	EPA 8260B	8L07005	3.9	ND	0.975	12/7/2008	12/7/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %				
Surrogate: Dibromofluoromethane (80-135%)				99 %				
Surrogate: Toluene-d8 (80-120%)				95 %				

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THE LEADER IN ENVIRONMENTAL TESTING

17461 Delmar Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Norgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01.S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-32 (I_SP-2 (5-6) - Soil)							
Reporting Units: ug/kg							
Benzene	EPA 8260B	8L07005	1.7	ND	0.829	12/7/2008	12/7/2008
Ethylbenzene	EPA 8260B	8L07005	1.7	ND	0.829	12/7/2008	12/7/2008
Toluene	EPA 8260B	8L07005	1.7	ND	0.829	12/7/2008	12/7/2008
m,p-Xylenes	EPA 8260B	8L07005	1.7	ND	0.829	12/7/2008	12/7/2008
o-Xylene	EPA 8260B	8L07005	1.7	ND	0.829	12/7/2008	12/7/2008
Xylenes, Total	EPA 8260B	8L07005	3.3	ND	0.829	12/7/2008	12/7/2008
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %			
Surrogate: Dibromofluoromethane (80-135%)				102 %			
Surrogate: Toluene-d8 (80-120%)				96 %			
Sample ID: IRL0780-33 (I_SP-2 (10-11) - Soil)							
Reporting Units: ug/kg							
Benzene	EPA 8260B	8L07005	2.2	ND	1.11	12/7/2008	12/7/2008
Ethylbenzene	EPA 8260B	8L07005	2.2	ND	1.11	12/7/2008	12/7/2008
Toluene	EPA 8260B	8L07005	2.2	ND	1.11	12/7/2008	12/7/2008
m,p-Xylenes	EPA 8260B	8L07005	2.2	ND	1.11	12/7/2008	12/7/2008
o-Xylene	EPA 8260B	8L07005	2.2	ND	1.11	12/7/2008	12/7/2008
Xylenes, Total	EPA 8260B	8L07005	4.5	ND	1.11	12/7/2008	12/7/2008
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %			
Surrogate: Dibromofluoromethane (80-135%)				99 %			
Surrogate: Toluene-d8 (80-120%)				95 %			
Sample ID: IRL0780-34 (I_PB-1 (0-1) - Soil)							
Reporting Units: ug/kg							
Benzene	EPA 8260B	8L08020	1.9	ND	0.94	12/8/2008	12/8/2008
Ethylbenzene	EPA 8260B	8L08020	1.9	ND	0.94	12/8/2008	12/8/2008
Toluene	EPA 8260B	8L08020	1.9	ND	0.94	12/8/2008	12/8/2008
m,p-Xylenes	EPA 8260B	8L08020	1.9	ND	0.94	12/8/2008	12/8/2008
o-Xylene	EPA 8260B	8L08020	1.9	ND	0.94	12/8/2008	12/8/2008
Xylenes, Total	EPA 8260B	8L08020	3.8	ND	0.94	12/8/2008	12/8/2008
Surrogate: 4-Bromofluorobenzene (75-120%)				87 %			
Surrogate: Dibromofluoromethane (80-135%)				101 %			
Surrogate: Toluene-d8 (80-120%)				92 %			

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THE LEADER IN ENVIRONMENTAL TESTING

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Norgate Environmental Management
1100 Quail Street, Suite 102
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01.S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-35 (I_PB-1 (10-11) - Soil)							
Reporting Units: ug/kg							
Benzene	EPA 8260B	8L08020	2.3	ND	1.13	12/8/2008	12/8/2008
Ethylbenzene	EPA 8260B	8L08020	2.3	ND	1.13	12/8/2008	12/8/2008
Toluene	EPA 8260B	8L08020	2.3	ND	1.13	12/8/2008	12/8/2008
m,p-Xylenes	EPA 8260B	8L08020	2.3	ND	1.13	12/8/2008	12/8/2008
o-Xylene	EPA 8260B	8L08020	2.3	ND	1.13	12/8/2008	12/8/2008
Xylenes, Total	EPA 8260B	8L08020	4.5	ND	1.13	12/8/2008	12/8/2008
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %			
Surrogate: Dibromofluoromethane (80-135%)				101 %			
Surrogate: Toluene-d8 (80-120%)				93 %			
Sample ID: IRL0780-36 (I_PB-1 (5-6) - Soil)							
Reporting Units: ug/kg							
Benzene	EPA 8260B	8L08020	2.2	ND	1.12	12/8/2008	12/8/2008
Ethylbenzene	EPA 8260B	8L08020	2.2	ND	1.12	12/8/2008	12/8/2008
Toluene	EPA 8260B	8L08020	2.2	ND	1.12	12/8/2008	12/8/2008
m,p-Xylenes	EPA 8260B	8L08020	2.2	ND	1.12	12/8/2008	12/8/2008
o-Xylene	EPA 8260B	8L08020	2.2	ND	1.12	12/8/2008	12/8/2008
Xylenes, Total	EPA 8260B	8L08020	4.5	ND	1.12	12/8/2008	12/8/2008
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %			
Surrogate: Dibromofluoromethane (80-135%)				96 %			
Surrogate: Toluene-d8 (80-120%)				94 %			
Sample ID: IRL0780-37 (I_PB-2 (0-0.5) - Soil)							
Reporting Units: ug/kg							
Benzene	EPA 8260B	8L08020	1.8	ND	0.887	12/8/2008	12/8/2008
Ethylbenzene	EPA 8260B	8L08020	1.8	ND	0.887	12/8/2008	12/8/2008
Toluene	EPA 8260B	8L08020	1.8	ND	0.887	12/8/2008	12/8/2008
m,p-Xylenes	EPA 8260B	8L08020	1.8	ND	0.887	12/8/2008	12/8/2008
o-Xylene	EPA 8260B	8L08020	1.8	ND	0.887	12/8/2008	12/8/2008
Xylenes, Total	EPA 8260B	8L08020	3.5	ND	0.887	12/8/2008	12/8/2008
Surrogate: 4-Bromofluorobenzene (75-120%)				76 %			
Surrogate: Dibromofluoromethane (80-135%)				135 %			
Surrogate: Toluene-d8 (80-120%)				73 %			

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Northgate Environmental Management
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date	Data Qualifiers
Sample ID: IRL0780-37 (IL PB-2 (0-0.5) - Soil)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8L08043	50	ND	0.998	12/8/2008	12/8/2008	
Aroclor 1221	EPA 8082	8L08043	50	ND	0.998	12/8/2008	12/8/2008	
Aroclor 1232	EPA 8082	8L08043	50	ND	0.998	12/8/2008	12/8/2008	
Aroclor 1242	EPA 8082	8L08043	50	ND	0.998	12/8/2008	12/8/2008	
Aroclor 1248	EPA 8082	8L08043	50	ND	0.998	12/8/2008	12/8/2008	
Aroclor 1254	EPA 8082	8L08043	50	ND	0.998	12/8/2008	12/8/2008	
Aroclor 1260	EPA 8082	8L08043	50	ND	0.998	12/8/2008	12/8/2008	
Surrogate: Decachlorobiphenyl (45.1/20%)								
80 %								

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Northgate Environmental Management
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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

HYDROCARBON DISTRIBUTION (CAHES/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date	Data Qualifiers
Sample ID: IRL0780-01 (L 61 F-1 (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	200	16000	40	100	12/6/2008	12/8/2008	
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	140	ND	40	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	140	ND	40	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	140	ND	40	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	140	290	40	2	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	140	750	40	5	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	140	1400	40	9	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	140	2300	40	14	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	140	1700	40	11	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	140	4000	40	25	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	140	2500	40	16	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	140	1300	40	8	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	140	620	40	4	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	140	740	40	5	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	140	ND	40	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	140	ND	40	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)									
3460 %									

Sample ID: IRL0780-02 (L 61 F-1 (5-6) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	200	16000	40	100	12/6/2008	12/8/2008	
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	140	ND	40	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	140	ND	40	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	140	140	40	1	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	140	330	40	2	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	140	750	40	5	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	140	1400	40	9	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	140	2100	40	13	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	140	1500	40	9	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	140	3600	40	23	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	140	2500	40	16	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	140	1900	40	12	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	140	1200	40	8	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	140	270	40	2	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	140	220	40	1	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	140	ND	40	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)									
2860 %									

TestAmerica Irvine
Patty Mata
Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

17461 Doran Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date	Data Qualifiers
Sample ID: IRL0780-03 (L 61 F-1 (10-11) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	5.0	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
Surrogate: n-Octacosane (40-125%)									
64 %									

Sample ID: IRL0780-04 (L 61 F-2 (0-1) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	200	28000	40	100	12/6/2008	12/6/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	140	170	40	1	12/6/2008	12/6/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	140	260	40	1	12/6/2008	12/6/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	140	490	40	2	12/6/2008	12/6/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	140	860	40	3	12/6/2008	12/6/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	140	1600	40	6	12/6/2008	12/6/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	140	2700	40	10	12/6/2008	12/6/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	140	3800	40	14	12/6/2008	12/6/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	140	2500	40	9	12/6/2008	12/6/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	140	5800	40	21	12/6/2008	12/6/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	140	4000	40	14	12/6/2008	12/6/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	140	2400	40	9	12/6/2008	12/6/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	140	1700	40	6	12/6/2008	12/6/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	140	810	40	3	12/6/2008	12/6/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	140	370	40	1	12/6/2008	12/6/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	140	140	40	1	12/6/2008	12/6/2008	
Surrogate: n-Octacosane (40-125%)									
5920 %									

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

17461 Doran Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date	Data Qualifiers
Sample ID: IRL0780-05 (L 61 F-2 (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	5.0	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
Surrogate: n-Octacosane (40-125%)									
69 %									

Sample ID: IRL0780-06 (L 61 F-2 (10-11) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	5.0	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/7/2008	12/7/2008	
Surrogate: n-Octacosane (40-125%)									
69 %									

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Patty Mata

Project Manager

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-06 (L1 F1-2 (10-11) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0780-07 (L1 4B (0-1) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	200	17000	40	12/6/2008	12/8/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	140	ND	40	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	140	ND	40	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	140	200	40	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	140	380	40	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	140	840	40	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	140	1400	40	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	140	2200	40	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	140	1600	40	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	140	2000	40	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	140	3900	40	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	140	1900	40	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	140	1300	40	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	140	870	40	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	140	ND	40	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	140	ND	40	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0780-08 (L1 4B (5-6) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	5.0	5.9	1	12/6/2008	12/8/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0780-09 (L1 4B (10-11) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	5.0	32	1	12/6/2008	12/8/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	3.5	1	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	5.4	1	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	8.7	1	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	5.3	1	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0780-10 (L1 4B (15-16) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	5.0	ND	1	12/6/2008	12/8/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)								

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3280 %

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Patty Mata

Project Manager

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-08 (L 4B (5-6) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)									
Sample ID: IRL0780-09 (L 4B (10-11) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	5.0	32	1	100	12/6/2008	12/8/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	3.5	1	11	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	5.4	1	17	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	8.7	1	27	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	5.3	1	17	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)									
				95 %					

Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax (949) 260-3297

Sampled: 12/05/08
Received: 12/05/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date	Qualifiers
Sample ID: IRL0780-10 (L 4B (15-16) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-123%)									
				66 %					

Sample ID: IRL0780-11 (L 17B (0-1) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	25	4800	5	100	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	18	ND	5	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	18	39	5	1	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	18	77	5	2	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	18	180	5	3	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	18	240	5	6	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	18	510	5	11	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	18	770	5	16	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	18	560	5	12	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	18	990	5	21	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	18	470	5	10	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	18	270	5	6	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	18	130	5	3	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	18	61	5	1	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	18	ND	5	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-123%)									
				1950 %					

Sample ID: IRL0780-12 (L 17B (5-6) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	5.0	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	0.999	N/A	12/6/2008	12/8/2008	

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax (949) 260-3297

Sampled: 12/05/08
Received: 12/05/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date	Qualifiers
Sample ID: IRL0780-12 (L 17B (5-6) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-123%)									
				65 %					

Sample ID: IRL0780-13 (L 17B (10-11) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	5.0	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-123%)									
				71 %					

Sample ID: IRL0780-14 (L 12B (0-1) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	200	13000	40	100	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	140	ND	40	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	140	ND	40	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	140	ND	40	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	140	250	40	2	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	140	610	40	5	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	140	1100	40	8	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	140	1600	40	12	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	140	1100	40	8	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	140	2900	40	22	12/6/2008	12/8/2008	

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Project Manager

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date Received	Qualifiers
Sample ID: IRL0780-14 (L12B (0-1) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	140	1500	40	12	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	140	1600	40	12	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	140	880	40	7	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	140	520	40	4	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	140	240	40	2	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	140	ND	40	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-123%)									
Sample ID: IRL0780-15 (L12B (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	5.0	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-123%)									
Sample ID: IRL0780-16 (L17E (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	5.0	17	1	100	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	3.7	1	22	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-123%)									
Sample ID: IRL0780-17 (L17E (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	5.0	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-123%)									

23

1890 %

72 %

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Patty Mata

Project Manager

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date Received	Qualifiers
Sample ID: IRL0780-16 (L17E (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	5.0	17	1	100	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	3.7	1	22	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-123%)									
Sample ID: IRL0780-17 (L17E (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	5.0	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-123%)									

81 %

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-17 (L 17E (5-6) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0780-18 (L 17E (10-11) - Soil)								
Reporting Units: mg/kg								
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	5.0	ND	1	12/6/2008	12/8/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0780-20 (L 28C-1 (0-1) - Soil)								
Reporting Units: mg/kg								
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	5.0	520	1	12/6/2008	12/8/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	1	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	4.5	1	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	11	1	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	27	1	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	50	1	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	78	1	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	50	1	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	120	1	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	94	1	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	45	1	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	20	1	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	19	1	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	8.2	1	12/6/2008	12/8/2008	

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-20 (L 28C-1 (0-1) - Soil) - cont.									
Reporting Units: mg/kg									
Surrogate: n-Octacosane (40-125%)									
Sample ID: IRL0780-21 (L 28C-1 (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L06029	5.0	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06029	3.5	ND	1	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)									
Sample ID: IRL0780-22 (L 28C-1 (10-11) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L06028	5.0	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

17461 Deirain Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

HYDROCARBON DISTRIBUTION (CAHES/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date	Data Qualifiers
Sample ID: IRL0780-22 (L_28C-1 (10-11) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C35 - C36)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)									
Sample ID: IRL0780-23 (L_28C-2 (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L06028	25	3400	5	100	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06028	18	ND	5	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06028	18	ND	5	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06028	18	41	5	1	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06028	18	87	5	3	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06028	18	210	5	6	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06028	18	390	5	11	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06028	18	580	5	17	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06028	18	400	5	12	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06028	18	670	5	20	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06028	18	470	5	14	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06028	18	170	5	5	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06028	18	230	5	7	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06028	18	110	5	3	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06028	18	45	5	1	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)									
				1130 %					

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Northgate Environmental Management
1100 Quail Street Suite 102
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

17461 Deirain Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

HYDROCARBON DISTRIBUTION (CAHES/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date	Data Qualifiers
Sample ID: IRL0780-24 (L_28C-2 (5-6) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C35 - C36)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)									
Sample ID: IRL0780-25 (L_28C-2 (10-11) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD.	8L06028	5.0	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)									
				98 %					

/03 %

Sample ID: IRL0780-26 (L_29H (0-1) - Soil)

Reporting Units: mg/kg

EFH (C13 - C14)	EPA 8015 MOD.	8L06028	500	27000	100	100	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06028	350	ND	100	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06028	350	ND	100	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06028	350	620	100	2	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06028	350	1400	100	5	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06028	350	2400	100	9	12/6/2008	12/8/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L06028	350	3600	100	13	12/6/2008	12/8/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L06028	350	2500	100	9	12/6/2008	12/8/2008	

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

17461 Doran Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-1397

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date	Data Qualifiers
Sample ID: IRL0780-26 (L 29H (0-1) - Soil) - cont.									
Reporting Units: mg/kg									
EPA 8015 MOD.	8L06028		350	5500	100	20	12/6/2008	12/8/2008	
EFH (C29 - C30)				3900	100	14	12/6/2008	12/8/2008	
EFH (C31 - C32)			350	2700	100	10	12/6/2008	12/8/2008	
EFH (C33 - C34)			350	1800	100	7	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		350	1100	100	4	12/6/2008	12/8/2008	
EFH (C37 - C38)			350	530	100	2	12/6/2008	12/8/2008	
EFH (C39 - C40)			350	ND	100	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)			350						
Surrogate: n-Octacosane (40-125%)									
6820 %									
23									

Sample ID: IRL0780-27 (L 29H (5-6) - Soil)

Reporting Units: mg/kg									
EPA 8015 MOD.	8L06028		5.0	7.3	1	100	12/6/2008	12/8/2008	
EFH (C13 - C14)				ND	1	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C23 - C24)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C25 - C26)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C27 - C28)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C29 - C30)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C31 - C32)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C33 - C34)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C35 - C36)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)									
93 %									

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

17461 Doran Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-1397

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date	Data Qualifiers
Sample ID: IRL0780-28 (L 29H (10-11) - Soil)									
Reporting Units: mg/kg									
EPA 8015 MOD.	8L06028		5.0	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C13 - C14)				ND	1	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C23 - C24)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C25 - C26)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C27 - C28)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C29 - C30)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C31 - C32)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C33 - C34)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C35 - C36)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)			3.5	ND	1	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)									
94 %									

Sample ID: IRL0780-29 (L SP-1 (0-1) - Soil)

Reporting Units: mg/kg									
EPA 8015 MOD.	8L06028		5.0	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C13 - C14)				ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)			3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)			3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)			3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)			3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C23 - C24)			3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C25 - C26)			3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C27 - C28)			3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C29 - C30)			3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C31 - C32)			3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C33 - C34)			3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C35 - C36)			3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EPA 8015 MOD.	8L06028		3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)			3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)			3.5	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)			3.5	ND	0.999	N/A	12/6/2008	12/8/2008	

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date	Data Qualifiers
Sample ID: IRL0780-29 (I_SP-1 (0-1) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
Sample ID: IRL0780-30 (I_SP-1 (5-6) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
EPA 8015 MOD.	8L06028	5.0	ND	ND	1	12/6/2008	12/8/2008	
EFH (C13 - C44)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C13 - C14)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C15 - C16)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C17 - C18)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C19 - C20)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C21 - C22)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C23 - C24)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C25 - C26)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C27 - C28)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C29 - C30)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C31 - C32)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C33 - C34)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C35 - C36)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C37 - C38)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C39 - C40)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C41 - C44)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)								
92 %								

Sample ID: IRL0780-31 (I_SP-2 (0-1) - Soil)

Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
EPA 8015 MOD.	8L06028	5.0	85	ND	1	12/6/2008	12/8/2008	
EFH (C13 - C44)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C13 - C14)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C15 - C16)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C17 - C18)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C19 - C20)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	
EFH (C21 - C22)	8L06028	3.5	4.5	4.5	1	12/6/2008	12/8/2008	
EFH (C23 - C24)	8L06028	3.5	6.3	6.3	1	12/6/2008	12/8/2008	
EFH (C25 - C26)	8L06028	3.5	8.2	8.2	1	12/6/2008	12/8/2008	
EFH (C27 - C28)	8L06028	3.5	4.8	4.8	1	12/6/2008	12/8/2008	
EFH (C29 - C30)	8L06028	3.5	13	13	1	12/6/2008	12/8/2008	
EFH (C31 - C32)	8L06028	3.5	11	11	1	12/6/2008	12/8/2008	
EFH (C33 - C34)	8L06028	3.5	17	17	1	12/6/2008	12/8/2008	
EFH (C35 - C36)	8L06028	3.5	8.9	8.9	1	12/6/2008	12/8/2008	
EFH (C37 - C38)	8L06028	3.5	ND	ND	1	12/6/2008	12/8/2008	

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date	Data Qualifiers
Sample ID: IRL0780-31 (I_SP-2 (0-1) - Soil) - cont.									
Reporting Units: mg/kg									
Surrogate: n-Octacosane (40-125%)									
Sample ID: IRL0780-32 (I_SP-2 (5-6) - Soil)									
Reporting Units: mg/kg									
Surrogate: n-Octacosane (40-125%)									
EPA 8015 MOD.	8L06028	5.0	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C13 - C44)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C13 - C14)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C23 - C24)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C25 - C26)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C27 - C28)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C29 - C30)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C31 - C32)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C33 - C34)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C35 - C36)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C37 - C38)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C39 - C40)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
EFH (C41 - C44)	8L06028	3.5	ND	ND	0.999	N/A	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (40-125%)									
99 %									

Sample ID: IRL0780-33 (I_SP-2 (10-11) - Soil)

Reporting Units: mg/kg									
Surrogate: n-Octacosane (40-125%)									
EPA 8015 MOD.	8L06028	5.0	ND	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C13 - C44)	8L06028	3.5	ND	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C13 - C14)	8L06028	3.5	ND	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)	8L06028	3.5	ND	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	8L06028	3.5	ND	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C19 - C20)	8L06028	3.5	ND	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C21 - C22)	8L06028	3.5	ND	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C23 - C24)	8L06028	3.5	ND	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C25 - C26)	8L06028	3.5	ND	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C27 - C28)	8L06028	3.5	ND	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C29 - C30)	8L06028	3.5	ND	ND	1	N/A	12/6/2008	12/8/2008	
EFH (C31 - C32)	8L06028	3.5	ND	ND	1	N/A	12/6/2008	12/8/2008	

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Nordgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-33 (IL SP-2 (10-11) - Soil) - cont.								
Reporting Units: mg/kg								
EFH (C33 - C34)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
Surrogate: n-Octacosane (40-125%)								
101 %								
Sample ID: IRL0780-34 (IL PB-1 (0-1) - Soil)								
Reporting Units: mg/kg								
EFH (C13 - C14)	EPA 8015 MOD.	8L06028	2500	12000	499	100	12/6/2008	12/8/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L06028	1700	7700	499	64	12/6/2008	12/8/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L06028	1700	ND	499	N/A	12/6/2008	12/8/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L06028	1700	ND	499	N/A	12/6/2008	12/8/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L06028	1700	2200	499	18	12/6/2008	12/8/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L06028	1700	ND	499	N/A	12/6/2008	12/8/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L06028	1700	ND	499	N/A	12/6/2008	12/8/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L06028	1700	ND	499	N/A	12/6/2008	12/8/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L06028	1700	ND	499	N/A	12/6/2008	12/8/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L06028	1700	ND	499	N/A	12/6/2008	12/8/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L06028	1700	ND	499	N/A	12/6/2008	12/8/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L06028	1700	ND	499	N/A	12/6/2008	12/8/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L06028	1700	ND	499	N/A	12/6/2008	12/8/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L06028	1700	ND	499	N/A	12/6/2008	12/8/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L06028	1700	ND	499	N/A	12/6/2008	12/8/2008
Surrogate: n-Octacosane (40-125%)								
1250 %								

Sample ID: IRL0780-35 (IL PB-1 (10-11) - Soil)

Reporting Units: mg/kg								
EFH (C13 - C14)	EPA 8015 MOD.	8L06028	5.0	ND	1	N/A	12/6/2008	12/8/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008

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Nordgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-35 (IL PB-1 (10-11) - Soil) - cont.								
Reporting Units: mg/kg								
EFH (C27 - C28)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L06028	3.5	ND	1	N/A	12/6/2008	12/8/2008
Surrogate: n-Octacosane (40-125%)								
94 %								
Sample ID: IRL0780-36 (IL PB-1 (5-6) - Soil)								
Reporting Units: mg/kg								
EFH (C13 - C14)	EPA 8015 MOD.	8L06028	5.0	ND	0.999	N/A	12/6/2008	12/8/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L06028	3.5	ND	0.999	N/A	12/6/2008	12/8/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L06028	3.5	ND	0.999	N/A	12/6/2008	12/8/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L06028	3.5	ND	0.999	N/A	12/6/2008	12/8/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L06028	3.5	ND	0.999	N/A	12/6/2008	12/8/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L06028	3.5	ND	0.999	N/A	12/6/2008	12/8/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L06028	3.5	ND	0.999	N/A	12/6/2008	12/8/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L06028	3.5	ND	0.999	N/A	12/6/2008	12/8/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L06028	3.5	ND	0.999	N/A	12/6/2008	12/8/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L06028	3.5	ND	0.999	N/A	12/6/2008	12/8/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L06028	3.5	ND	0.999	N/A	12/6/2008	12/8/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L06028	3.5	ND	0.999	N/A	12/6/2008	12/8/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L06028	3.5	ND	0.999	N/A	12/6/2008	12/8/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L06028	3.5	ND	0.999	N/A	12/6/2008	12/8/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L06028	3.5	ND	0.999	N/A	12/6/2008	12/8/2008
Surrogate: n-Octacosane (40-125%)								
100 %								

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0780-37 (11 PB-2 (0-0.5) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L06028	25	2800	5	100	12/6/2008	12/8/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L06028	18	ND	5	N/A	12/6/2008	12/8/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L06028	18	ND	5	N/A	12/6/2008	12/8/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L06028	18	29	5	1	12/6/2008	12/8/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L06028	18	120	5	4	12/6/2008	12/8/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L06028	18	280	5	10	12/6/2008	12/8/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L06028	18	440	5	16	12/6/2008	12/8/2008	
EFH (C25 - C28)	EPA 8015 MOD.	8L06028	18	510	5	18	12/6/2008	12/8/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L06028	18	250	5	9	12/6/2008	12/8/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L06028	18	550	5	20	12/6/2008	12/8/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L06028	18	180	5	6	12/6/2008	12/8/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L06028	18	140	5	5	12/6/2008	12/8/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L06028	18	120	5	4	12/6/2008	12/8/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L06028	18	94	5	3	12/6/2008	12/8/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L06028	18	66	5	2	12/6/2008	12/8/2008	
Surrogate: n-Octacosane (10-125%)				44	5	2	12/6/2008	12/8/2008	Z3
						860 %			

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

METHOD BLANK/QC DATA

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Data Qualifiers
Batch: 8L06027 Extracted: 12/06/08								
Blank Analyzed: 12/06/2008 (8L06027-BLK1)								
L1'-Biphenyl	ND	2.0	mg/kg					
L1'-Oxybiphenyl	ND	2.0	mg/kg					
Surrogate: n-Octacosane	5.04		mg/kg	6.67		76 40-125		
LCS Analyzed: 12/06/2008 (8L06027-BS1)								
L1'-Biphenyl	2.33	2.0	mg/kg	3.33		70 50-115		MNR
L1'-Oxybiphenyl	2.33	2.0	mg/kg	3.33		70 50-115		
Surrogate: n-Octacosane	4.79		mg/kg	6.67		72 40-125		
Batch: 8L06032 Extracted: 12/06/08								
Blank Analyzed: 12/06/2008 (8L06032-BLK1)								
L1'-Biphenyl	ND	2.0	mg/kg					
L1'-Oxybiphenyl	ND	2.0	mg/kg					
Surrogate: n-Octacosane	4.64		mg/kg	6.67		70 40-125		
LCS Analyzed: 12/07/2008 (8L06032-BS1)								
L1'-Biphenyl	2.04	2.0	mg/kg	3.33		61 50-115		
L1'-Oxybiphenyl	2.05	2.0	mg/kg	3.33		62 50-115		
Surrogate: n-Octacosane	5.07		mg/kg	6.67		76 40-125		
Matrix Spike Analyzed: 12/07/2008 (8L06032-MS1)								
L1'-Biphenyl	2.32	2.0	mg/kg	3.33	ND	70 35-120		
L1'-Oxybiphenyl	2.35	2.0	mg/kg	3.33	ND	70 35-120		
Surrogate: n-Octacosane	5.45		mg/kg	6.67		82 40-125		
Matrix Spike Dup Analyzed: 12/07/2008 (8L06032-MSD1)								
L1'-Biphenyl	1.94	2.0	mg/kg	3.33	ND	58 35-120	18	30
L1'-Oxybiphenyl	1.99	2.0	mg/kg	3.33	ND	60 35-120	16	30
Surrogate: n-Octacosane	4.68		mg/kg	6.67		70 40-125		

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	Limit	Data Qualifiers
Batch: 8L06028 Extracted: 12/06/08										
Blank Analyzed: 12/08/2008 (8L06028-BLK1)										
EFH (C13 - C44)	ND	5.0	mg/kg							
EFH (C13 - C38)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	6.04		mg/kg	6.67		91	40-125			
LCS Analyzed: 12/08/2008 (8L06028-BS1)										
EFH (C13 - C38)	17.4	5.0	mg/kg	25.0		70	45-115			
Surrogate: n-Octacosane	5.72		mg/kg	6.67		86	40-125			
Matrix Spike Analyzed: 12/08/2008 (8L06028-MS1)										
EFH (C13 - C44)	18.9	5.0	mg/kg	33.3	ND	57	40-120			
Surrogate: n-Octacosane	6.41		mg/kg	6.67		96	40-125			
Matrix Spike Dup Analyzed: 12/08/2008 (8L06028-MSD1)										
EFH (C13 - C44)	21.2	5.0	mg/kg	33.3	ND	64	40-120	12	30	
Surrogate: n-Octacosane	6.97		mg/kg	6.67		105	40-125			
Batch: 8L06029 Extracted: 12/06/08										
Blank Analyzed: 12/07/2008 (8L06029-BLK1)										
EFH (C13 - C44)	ND	5.0	mg/kg							
EFH (C13 - C38)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	3.60		mg/kg	6.67		57	40-125			
LCS Analyzed: 12/07/2008 (8L06029-BS1)										
EFH (C13 - C38)	19.1	5.0	mg/kg	25.0		76	45-115			
Surrogate: n-Octacosane	4.11		mg/kg	6.67		62	40-125			

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2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	Limit	Data Qualifiers
Batch: 8L06029 Extracted: 12/06/08										
Matrix Spike Analyzed: 12/07/2008 (8L06029-MS1)										
EFH (C13 - C44)	18.1	5.0	mg/kg	33.3	ND	54	40-120			
Surrogate: n-Octacosane	4.29		mg/kg	6.67		64	40-125			
Matrix Spike Dup Analyzed: 12/07/2008 (8L06029-MSD1)										
EFH (C13 - C44)	19.8	5.0	mg/kg	33.3	ND	59	40-120	9	30	
Surrogate: n-Octacosane	4.53		mg/kg	6.67		68	40-125			

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Northgate Environmental Management
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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS BY GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Data Qualifiers
Batch: 8L06014 Extracted: 12/06/08								
Blank Analyzed: 12/06/2008 (8L06014-BLK1)								
Benzene	ND	2.0	ug/kg					
Ethylbenzene	ND	2.0	ug/kg					
Toluene	ND	2.0	ug/kg					
m,p-Xylenes	ND	2.0	ug/kg					
o-Xylene	ND	2.0	ug/kg					
Xylenes, Total	ND	4.0	ug/kg					
Surrogate: 4-Bromofluorobenzene	46.7		ug/kg	50.0		93 75-120		
Surrogate: Dibromofluoromethane	49.0		ug/kg	50.0		98 80-135		
Surrogate: Toluene-d8	47.4		ug/kg	50.0		95 80-120		
LCS Analyzed: 12/06/2008 (8L06014-BS1)								
Benzene	46.0	2.0	ug/kg	50.0		92 65-120		MNR1
Ethylbenzene	51.6	2.0	ug/kg	50.0		103 70-120		
Toluene	47.5	2.0	ug/kg	50.0		95 70-120		
m,p-Xylenes	105	2.0	ug/kg	100		105 65-120		
o-Xylene	51.7	2.0	ug/kg	50.0		103 70-125		
Xylenes, Total	157	4.0	ug/kg	150		104 65-125		
Surrogate: 4-Bromofluorobenzene	48.2		ug/kg	50.0		96 75-120		
Surrogate: Dibromofluoromethane	49.5		ug/kg	50.0		99 80-135		
Surrogate: Toluene-d8	47.5		ug/kg	50.0		95 80-120		
LCS Dup Analyzed: 12/06/2008 (8L06014-BSD1)								
Benzene	45.8	2.0	ug/kg	50.0		92 65-120	0 30	
Ethylbenzene	51.3	2.0	ug/kg	50.0		103 70-120	0 30	
Toluene	47.3	2.0	ug/kg	50.0		95 70-120	1 30	
m,p-Xylenes	103	2.0	ug/kg	100		103 65-120	2 30	
o-Xylene	51.1	2.0	ug/kg	50.0		102 70-125	1 30	
Xylenes, Total	154	4.0	ug/kg	150		103 65-125	2 20	
Surrogate: 4-Bromofluorobenzene	48.0		ug/kg	50.0		96 75-120		
Surrogate: Dibromofluoromethane	48.7		ug/kg	50.0		97 80-135		
Surrogate: Toluene-d8	47.6		ug/kg	50.0		95 80-120		

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Northgate Environmental Management
1100 Quail Street Suite 102
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS BY GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Data Qualifiers
Batch: 8L06016 Extracted: 12/06/08								
Blank Analyzed: 12/06/2008 (8L06016-BLK1)								
Benzene	ND	2.0	ug/kg					
Ethylbenzene	ND	2.0	ug/kg					
Toluene	ND	2.0	ug/kg					
m,p-Xylenes	ND	2.0	ug/kg					
o-Xylene	ND	2.0	ug/kg					
Xylenes, Total	ND	4.0	ug/kg					
Surrogate: 4-Bromofluorobenzene	46.1		ug/kg	50.0		92 75-120		
Surrogate: Dibromofluoromethane	49.1		ug/kg	50.0		98 80-135		
Surrogate: Toluene-d8	47.2		ug/kg	50.0		94 80-120		
LCS Analyzed: 12/06/2008 (8L06016-BS1)								
Benzene	49.5	2.0	ug/kg	50.0		99 65-120		MNR1
Ethylbenzene	48.9	2.0	ug/kg	50.0		98 70-120		
Toluene	51.5	2.0	ug/kg	50.0		103 70-120		
m,p-Xylenes	101	2.0	ug/kg	100		101 65-120		
o-Xylene	52.6	2.0	ug/kg	50.0		105 70-125		
Xylenes, Total	153	4.0	ug/kg	150		102 65-125		
Surrogate: 4-Bromofluorobenzene	47.8		ug/kg	50.0		96 75-120		
Surrogate: Dibromofluoromethane	46.7		ug/kg	50.0		93 80-135		
Surrogate: Toluene-d8	49.1		ug/kg	50.0		98 80-120		
LCS Dup Analyzed: 12/06/2008 (8L06016-BSD1)								
Benzene	50.5	2.0	ug/kg	50.0		101 65-120	2 30	
Ethylbenzene	48.7	2.0	ug/kg	50.0		97 70-120	0 30	
Toluene	50.3	2.0	ug/kg	50.0		101 70-120	2 30	
m,p-Xylenes	99.6	2.0	ug/kg	100		100 65-120	1 30	
o-Xylene	51.5	2.0	ug/kg	50.0		103 70-125	2 30	
Xylenes, Total	151	4.0	ug/kg	150		101 65-125	1 20	
Surrogate: 4-Bromofluorobenzene	46.7		ug/kg	50.0		93 75-120		
Surrogate: Dibromofluoromethane	47.6		ug/kg	50.0		95 80-135		
Surrogate: Toluene-d8	50.3		ug/kg	50.0		101 80-120		

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Northgate Environmental Management
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Northgate Environmental Management
1100 Quail Street, Suite 102
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Attention: Derrick Willis

Sampled: 12/05/08
Received: 12/05/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	Limit	Data Qualifiers
Batch: 8L07005 Extracted: 12/07/08									
Blank Analyzed: 12/07/2008 (8L07005-BLK1)									
Benzene	ND	2.0	ug/kg						
Ethylbenzene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
Xylenes, Total	ND	4.0	ug/kg						
Surrogate: 4-Bromofluorobenzene	46.5		ug/kg	50.0	93	75-120			
Surrogate: Dibromofluoromethane	48.1		ug/kg	50.0	96	80-135			
Surrogate: Toluene-d8	47.4		ug/kg	50.0	95	80-120			
LCS Analyzed: 12/07/2008 (8L07005-BST)									
Benzene	46.8	2.0	ug/kg	50.0	94	65-120			MNR1
Ethylbenzene	52.5	2.0	ug/kg	50.0	105	70-120			
Toluene	48.1	2.0	ug/kg	50.0	96	70-120			
m,p-Xylenes	106	2.0	ug/kg	100	106	65-120			
o-Xylene	52.0	2.0	ug/kg	50.0	104	70-125			
Xylenes, Total	158	4.0	ug/kg	150	105	65-125			
Surrogate: 4-Bromofluorobenzene	47.0		ug/kg	50.0	94	75-120			
Surrogate: Dibromofluoromethane	49.5		ug/kg	50.0	99	80-135			
Surrogate: Toluene-d8	47.8		ug/kg	50.0	96	80-120			
LCS Dup Analyzed: 12/07/2008 (8L07005-BSD1)									
Benzene	48.0	2.0	ug/kg	50.0	96	65-120	3	30	
Ethylbenzene	53.7	2.0	ug/kg	50.0	107	70-120	2	30	
Toluene	49.5	2.0	ug/kg	50.0	99	70-120	3	30	
m,p-Xylenes	108	2.0	ug/kg	100	108	65-120	2	30	
o-Xylene	53.3	2.0	ug/kg	50.0	107	70-125	3	30	
Xylenes, Total	161	4.0	ug/kg	150	107	65-125	2	20	
Surrogate: 4-Bromofluorobenzene	47.2		ug/kg	50.0	94	75-120			
Surrogate: Dibromofluoromethane	51.9		ug/kg	50.0	104	80-135			
Surrogate: Toluene-d8	48.0		ug/kg	50.0	96	80-120			

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Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	Limit	Data Qualifiers
Batch: 8L08020 Extracted: 12/08/08									
Blank Analyzed: 12/08/2008 (8L08020-BLK1)									
Benzene	ND	2.0	ug/kg						
Ethylbenzene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
Xylenes, Total	ND	4.0	ug/kg						
Surrogate: 4-Bromofluorobenzene	46.0		ug/kg	50.0	92	75-120			
Surrogate: Dibromofluoromethane	47.8		ug/kg	50.0	96	80-135			
Surrogate: Toluene-d8	47.0		ug/kg	50.0	94	80-120			
LCS Analyzed: 12/08/2008 (8L08020-BST)									
Benzene	43.8	2.0	ug/kg	50.0	88	65-120			MNR1
Ethylbenzene	53.2	2.0	ug/kg	50.0	106	70-120			
Toluene	47.0	2.0	ug/kg	50.0	94	70-120			
m,p-Xylenes	108	2.0	ug/kg	100	108	65-120			
o-Xylene	53.3	2.0	ug/kg	50.0	107	70-125			
Xylenes, Total	161	4.0	ug/kg	150	108	65-125			
Surrogate: 4-Bromofluorobenzene	47.2		ug/kg	50.0	94	75-120			
Surrogate: Dibromofluoromethane	48.5		ug/kg	50.0	97	80-135			
Surrogate: Toluene-d8	47.1		ug/kg	50.0	94	80-120			
LCS Dup Analyzed: 12/08/2008 (8L08020-BSD1)									
Benzene	42.4	2.0	ug/kg	50.0	85	65-120	3	30	
Ethylbenzene	51.5	2.0	ug/kg	50.0	103	70-120	3	30	
Toluene	45.4	2.0	ug/kg	50.0	91	70-120	3	30	
m,p-Xylenes	103	2.0	ug/kg	100	103	65-120	5	30	
o-Xylene	51.4	2.0	ug/kg	50.0	103	70-125	3	30	
Xylenes, Total	155	4.0	ug/kg	150	103	65-125	4	20	
Surrogate: 4-Bromofluorobenzene	46.6		ug/kg	50.0	93	75-120			
Surrogate: Dibromofluoromethane	48.5		ug/kg	50.0	97	80-135			
Surrogate: Toluene-d8	46.8		ug/kg	50.0	94	80-120			

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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	%REC	RPD	Limit	Data Qualifiers
Batch: 8L08043 Extracted: 12/08/08											
Blank Analyzed: 12/08/2008 (8L08043-BLK1)											
Anchor 1016	ND	50	ug/kg								
Anchor 1221	ND	50	ug/kg								
Anchor 1232	ND	50	ug/kg								
Anchor 1242	ND	50	ug/kg								
Anchor 1248	ND	50	ug/kg								
Anchor 1254	ND	50	ug/kg								
Anchor 1260	ND	50	ug/kg								
Surrogate: Decachlorobiphenyl	32.3		ug/kg	33.3		97	45-120				
LCS Analyzed: 12/08/2008 (8L08043-BST1)											
Anchor 1016	235	50	ug/kg	267		88	65-115				
Anchor 1260	244	50	ug/kg	267		91	65-115				
Surrogate: Decachlorobiphenyl	30.9		ug/kg	33.3		93	45-120				
Matrix Spike Analyzed: 12/08/2008 (8L08043-MS1)											
Anchor 1016	284	50	ug/kg	267	ND	107	50-120				
Anchor 1260	266	50	ug/kg	267	ND	100	50-125				
Surrogate: Decachlorobiphenyl	28.5		ug/kg	33.3		86	45-120				
Matrix Spike Dup Analyzed: 12/08/2008 (8L08043-MSD1)											
Anchor 1016	280	50	ug/kg	267	ND	105	50-120	2	30		
Anchor 1260	263	50	ug/kg	267	ND	99	50-125	1	30		
Surrogate: Decachlorobiphenyl	28.7		ug/kg	33.3		86	45-120				

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DATA QUALIFIERS AND DEFINITIONS

- I Internal Standard recovery was outside of method limits. Matrix interference was confirmed.
- MNR No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
- MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
- RL2 Reporting limit raised due to high concentrations of hydrocarbons.
- Z Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
- Z3 The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
- ZX Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD Relative Percent Difference

ADDITIONAL COMMENTS

For Hydrocarbon Distribution Analyses:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO):

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

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Northgate Environmental Management
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0780

Sampled: 12/05/08
Received: 12/05/08

17461 Dehan Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 FAX: (949) 260-3297

Certification Summary

TestAmerica Irvine	Method	Matrix	Nelac	California
EPA 8015 MOD.	Soil	X	X	X
EPA 8082	Soil	X	X	X
EPA 8260B	Soil	X	X	X
None	Water			

Nelac and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

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Client Name/Address: Northgate Environmental
1100 Quail #102 Newport Beach, CA
Project Manager: Derrick Willis
Sample: Dona R. Brown

Phone Number: (949) 375-7004
Fax Number: (949) 815-3365

Project/PO Number: 2024.01

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives
I-61F-1 (0-1)	Soil	1-T-3-V	4	12-5-08	08:00	4°C
I-61F-1 (5-6)	Soil	1-T-3-V	4	08:03		
I-61F-1 (10-11)	Soil	1-T-3-V	4	08:12		
I-61F-2 (0-1)	Soil	1-T-3-V	4	08:28		
I-61F-2 (5-6)	Soil	1-T-3-V	4	08:30		
I-61F-2 (10-11)	Soil	1-T-3-V	4	08:35		
I-4B (0-1)	Soil	1-T-3-V	4	04:47		
I-4B (5-6)	Soil	1-T-3-V	4	04:49		
I-4B (10-11)	Soil	1-T-3-V	4	04:49		
I-4B (15-16)	Soil	1-T-3-V	4	10:46		
I-17B (0-1)	Soil	1-T-3-V	4	11:19		
I-17B (5-6)	Soil	1-T-3-V	4	11:22		
I-17B (10-11)	Soil	1-T-3-V	4	11:25		

Received in Lab By: [Signature]
Date/Time: 12/5/08 17:14

Received By: [Signature]
Date/Time: 12/5/08 17:14

Sample Integrity: (Check)
48 hours _____
24 hours _____
same day _____
Turnaround Time: (Check)
normal _____
5 days _____
72 hours _____
on ice _____
3°C _____

Sample Integrity: (Check)
12/5/08 19:35

Special Instructions: ASAP
Derrick Willis
FAX LOC TO
H-Hold
A-Analyze

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

CHAIN OF CUSTODY FORM

17461 Decker Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-2297
 1014 E. Coady Dr., Suite A, Colton, CA 92324 (909) 370-4687 FAX (909) 370-1046
 8830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0651
 2520 E. Sunset Rd., #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Client Name/Address: 1100 Quail St, #102, Newport Beach, CA
 Project Manager: Derrick Willis
 Sample: Don R. Brown

Phone Number: (949) 375-7005
 Fax Number: (949) 315-3365

Project/PO Number: 2024.01

Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date	Preservatives	Received By	Date/Time	Relinquished By	Date/Time
I-12B (0-1)	Soil	1-T+3V	4	12-5-08	4°C	↑	12:05	↑	12:05
I-12B (5-6)	Soil	1-T+3V	4	12-5-08	4°C	↑	12:07	↑	12:07
I-17E (0-1)	Soil	1-T+3V	4	12-5-08	4°C	↑	13:21	↑	13:21
I-17E (5-6)	Soil	1-T+3V	4	12-5-08	4°C	↑	13:22	↑	13:22
I-17E (10-11)	Water	2-V	2	12-5-08	4°C	↑	13:35	↑	13:35
IB-120508	Water	2-V	2	12-5-08	4°C	↑	13:37	↑	13:37
I-28G-1 (0-1)	Soil	1-T+3V	4	12-5-08	4°C	↑	14:14	↑	14:14
I-28G-1 (5-6)	Soil	1-T+3V	4	12-5-08	4°C	↑	14:16	↑	14:16
I-28G-1 (10-11)	Soil	1-T+3V	4	12-5-08	4°C	↑	14:22	↑	14:22
I-28G-2 (0-1)	Soil	1-T+3V	4	12-5-08	4°C	↑	14:34	↑	14:34
I-28G-2 (5-6)	Soil	1-T+3V	4	12-5-08	4°C	↑	14:36	↑	14:36
I-28G-2 (10-11)	Soil	1-T+3V	4	12-5-08	4°C	↑	14:44	↑	14:44
I-29H (0-1)	Soil	1-T+3V	4	12-5-08	4°C	↑	15:08	↑	15:08

Analysis Required: A=Analyze, H=Hold, FAX C/C to, ASAP, Derrick Willis

Special Instructions: BTEX, TPH (CIS - C10), diphonyl oxide/biphonyl

Turnaround Time: (Check) 48 hours, 24 hours, 5 days, 72 hours, same day

Sample Integrity: (Check) Intact, on ice

Date/Time: 12/5/08 19:35

Received in Lab By: [Signature]

Received By: [Signature]

Date/Time: 12/5/08 17:14

Relinquished By: [Signature]

Date/Time: 12/5/08 19:35

Relinquished By: [Signature]

Date/Time: 12/5/08 19:35

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CHAIN OF CUSTODY FORM

17461 Decker Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-2297
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 8830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0651
 2520 E. Sunset Rd., #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Client Name/Address: 1100 Quail St, #102, Newport Beach, CA
 Project Manager: Derrick Willis
 Sample: Don R. Brown

Phone Number: (949) 375-7005
 Fax Number: (949) 315-3365

Project/PO Number: 2024.01

Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date	Preservatives	Received By	Date/Time	Relinquished By	Date/Time
I-29H (5-6)	Soil	1-T+3V	4	12-5-08	4°C	↑	15:11	↑	15:11
I-29H (10-11)	Soil	1-T+3V	4	12-5-08	4°C	↑	15:15	↑	15:15
I-SP-1 (0-1)	Soil	1-T+3V	4	12-5-08	4°C	↑	15:47	↑	15:47
I-SP-1 (5-6)	Soil	1-T+3V	4	12-5-08	4°C	↑	15:49	↑	15:49
I-SP-2 (0-1)	Soil	1-T+3V	4	12-5-08	4°C	↑	16:00	↑	16:00
I-SP-2 (5-6)	Soil	1-T+3V	4	12-5-08	4°C	↑	16:05	↑	16:05
I-SP-2 (10-11)	Soil	1-T+3V	4	12-5-08	4°C	↑	16:09	↑	16:09
II-SP-1 (0-1)	Soil	1-T+3V	4	12-5-08	4°C	↑	16:25	↑	16:25
II-SP-1 (10-11)	Soil	1-T+3V	4	12-5-08	4°C	↑	16:30	↑	16:30
II-SP-1 (5-6)	Soil	1-T+3V	4	12-5-08	4°C	↑	16:45	↑	16:45
II-SP-2 (0-0.5)	Soil	1-T+3V	4	12-5-08	4°C	↑	17:05	↑	17:05

Analysis Required: A=Analyze, H=Hold, FAX C/C to, ASAP, Derrick Willis

Special Instructions: BTEX, TPH (CIS - C10), diphonyl oxide/biphonyl

Turnaround Time: (Check) 48 hours, 24 hours, 5 days, 72 hours, same day

Sample Integrity: (Check) Intact, on ice

Date/Time: 12/5/08 19:35

Received in Lab By: [Signature]

Received By: [Signature]

Date/Time: 12/5/08 17:14

Relinquished By: [Signature]

Date/Time: 12/5/08 19:35

Relinquished By: [Signature]

Date/Time: 12/5/08 19:35

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

LABORATORY REPORT

Prepared For: Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project: Solar Energy Generating System
2024.01.01S-01

Sampled: 12/06/08
Received: 12/08/08
Issued: 12/10/08 12:52

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chair(s) of Custody, 2 pages, are included and are an integral part of this report.

This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 5°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: No significant observations were made.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
IRL0845-01	IL_IP (0-1)	Soil
IRL0845-02	IL_IP (5-6)	Soil
IRL0845-03	IL_IR (0-1)	Soil
IRL0845-04	IL_IR (5-6)	Soil
IRL0845-05	IL_SP-1 (0-1)	Soil
IRL0845-06	IL_SP-1 (5-6)	Soil
IRL0845-07	IL_SP-2 (0-1)	Soil
IRL0845-08	IL_SP-2 (5-6)	Soil
IRL0845-09	IL_210 (0-1)	Soil
IRL0845-10	IL_210 (5-6)	Soil
IRL0845-11	IL_23Q (0-1)	Soil

TestAmerica Irvine
Patty Mata
Project Manager

Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01

Report Number: IRL0845

LABORATORY ID	CLIENT ID	MATRIX
IRL0845-12	IL_23Q (5-6)	Soil
IRL0845-13	TDA-1 (0-1)	Soil
IRL0845-14	TDA-1 (5-6)	Soil
IRL0845-15	TB-120608	Soil
IRL0845-16	TDA-2 (0-1)	Soil
IRL0845-17	TDA-2 (5-6)	Soil

Reviewed By:



TestAmerica Irvine
Patty Mata
Project Manager

Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0845-01 (IL_1P (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				90 %				
Sample ID: IRL0845-02 (IL_1P (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				68 %				
Sample ID: IRL0845-03 (IL_1R (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				63 %				
Sample ID: IRL0845-04 (IL_1R (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				63 %				
Sample ID: IRL0845-05 (IL_1P (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				63 %				
Sample ID: IRL0845-06 (IL_1P (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				69 %				
Sample ID: IRL0845-07 (IL_1P (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				72 %				

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Patty Mata
Project Manager

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IRL0845 <Page 3 of 27>

Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0845-08 (IL_SP-2 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				70 %				
Sample ID: IRL0845-09 (IL_210 (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				95 %				
Sample ID: IRL0845-10 (IL_210 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				94 %				
Sample ID: IRL0845-11 (IL_23Q (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				97 %				
Sample ID: IRL0845-12 (IL_23Q (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				97 %				
Sample ID: IRL0845-13 (TDA-1 (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				91 %				
Sample ID: IRL0845-14 (TDA-1 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				96 %				
Sample ID: IRL0845-15 (TDA-1 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD.	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				91 %				

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Patty Mata
Project Manager

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IRL0845 <Page 4 of 27>

Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.015-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0845-16 (TDA-2 (0-1) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				87 %				
Sample ID: IRL0845-17 (TDA-2 (5-6) - Soil)								
Reporting Units: mg/kg								
1,1'-Biphenyl	EPA 8015 MOD	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
1,1'-Oxybisbenzene	EPA 8015 MOD	8L08122	2.0	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)				90 %				

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Patty Mata
Project Manager

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.015-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0845-01 (IL_IP (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08028	1.8	ND	0.906	12/8/2008	12/8/2008	
Ethylbenzene	EPA 8260B	8L08028	1.8	ND	0.906	12/8/2008	12/8/2008	
Toluene	EPA 8260B	8L08028	1.8	ND	0.906	12/8/2008	12/8/2008	
m,p-Xylenes	EPA 8260B	8L08028	1.8	ND	0.906	12/8/2008	12/8/2008	
o-Xylene	EPA 8260B	8L08028	1.8	ND	0.906	12/8/2008	12/8/2008	
Xylenes, Total	EPA 8260B	8L08028	3.6	ND	0.906	12/8/2008	12/8/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				91 %				
Surrogate: Dibromofluoromethane (80-135%)				95 %				
Surrogate: Toluene-d8 (80-120%)				94 %				
Sample ID: IRL0845-02 (IL_IP (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08028	2.3	ND	1.13	12/8/2008	12/9/2008	
Ethylbenzene	EPA 8260B	8L08028	2.3	ND	1.13	12/8/2008	12/9/2008	
Toluene	EPA 8260B	8L08028	2.3	ND	1.13	12/8/2008	12/9/2008	
m,p-Xylenes	EPA 8260B	8L08028	2.3	ND	1.13	12/8/2008	12/9/2008	
o-Xylene	EPA 8260B	8L08028	2.3	ND	1.13	12/8/2008	12/9/2008	
Xylenes, Total	EPA 8260B	8L08028	4.5	ND	1.13	12/8/2008	12/9/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				94 %				
Sample ID: IRL0845-03 (IL_IR (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08028	4.5	ND	2.24	12/8/2008	12/8/2008	
Ethylbenzene	EPA 8260B	8L08028	4.5	ND	2.24	12/8/2008	12/8/2008	
Toluene	EPA 8260B	8L08028	4.5	ND	2.24	12/8/2008	12/8/2008	
m,p-Xylenes	EPA 8260B	8L08028	4.5	ND	2.24	12/8/2008	12/8/2008	
o-Xylene	EPA 8260B	8L08028	4.5	ND	2.24	12/8/2008	12/8/2008	
Xylenes, Total	EPA 8260B	8L08028	9.0	ND	2.24	12/8/2008	12/8/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %				
Surrogate: Dibromofluoromethane (80-135%)				94 %				
Surrogate: Toluene-d8 (80-120%)				94 %				

TestAmerica Irvine
Patty Mata
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8250B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0845-04 (IL 1R (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08028	2.1	ND	1.05	12/8/2008	12/8/2008	
Ethylbenzene	EPA 8260B	8L08028	2.1	ND	1.05	12/8/2008	12/8/2008	
Toluene	EPA 8260B	8L08028	2.1	ND	1.05	12/8/2008	12/8/2008	
m,p-Xylenes	EPA 8260B	8L08028	2.1	ND	1.05	12/8/2008	12/8/2008	
o-Xylene	EPA 8260B	8L08028	2.1	ND	1.05	12/8/2008	12/8/2008	
Xylenes, Total	EPA 8260B	8L08028	4.2	ND	1.05	12/8/2008	12/8/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %				
Surrogate: Dibromofluoromethane (80-135%)				94 %				
Surrogate: Toluene-d8 (80-120%)				93 %				
Sample ID: IRL0845-05 (IL SP-1 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08028	2.0	ND	0.986	12/8/2008	12/8/2008	
Ethylbenzene	EPA 8260B	8L08028	2.0	ND	0.986	12/8/2008	12/8/2008	
Toluene	EPA 8260B	8L08028	2.0	ND	0.986	12/8/2008	12/8/2008	
m,p-Xylenes	EPA 8260B	8L08028	2.0	ND	0.986	12/8/2008	12/8/2008	
o-Xylene	EPA 8260B	8L08028	2.0	ND	0.986	12/8/2008	12/8/2008	
Xylenes, Total	EPA 8260B	8L08028	3.9	ND	0.986	12/8/2008	12/8/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %				
Surrogate: Dibromofluoromethane (80-135%)				93 %				
Surrogate: Toluene-d8 (80-120%)				93 %				
Sample ID: IRL0845-06 (IL SP-1 (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08028	2.0	ND	0.982	12/8/2008	12/8/2008	
Ethylbenzene	EPA 8260B	8L08028	2.0	ND	0.982	12/8/2008	12/8/2008	
Toluene	EPA 8260B	8L08028	2.0	ND	0.982	12/8/2008	12/8/2008	
m,p-Xylenes	EPA 8260B	8L08028	2.0	ND	0.982	12/8/2008	12/8/2008	
o-Xylene	EPA 8260B	8L08028	2.0	ND	0.982	12/8/2008	12/8/2008	
Xylenes, Total	EPA 8260B	8L08028	3.9	ND	0.982	12/8/2008	12/8/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				97 %				
Surrogate: Toluene-d8 (80-120%)				93 %				

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8250B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0845-07 (IL SP-2 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08028	3.2	ND	1.61	12/8/2008	12/9/2008	
Ethylbenzene	EPA 8260B	8L08028	3.2	ND	1.61	12/8/2008	12/9/2008	
Toluene	EPA 8260B	8L08028	3.2	ND	1.61	12/8/2008	12/9/2008	
m,p-Xylenes	EPA 8260B	8L08028	3.2	ND	1.61	12/8/2008	12/9/2008	
o-Xylene	EPA 8260B	8L08028	3.2	ND	1.61	12/8/2008	12/9/2008	
Xylenes, Total	EPA 8260B	8L08028	6.4	ND	1.61	12/8/2008	12/9/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				91 %				
Surrogate: Dibromofluoromethane (80-135%)				101 %				
Surrogate: Toluene-d8 (80-120%)				93 %				
Sample ID: IRL0845-08 (IL SP-2 (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08028	2.0	ND	0.998	12/8/2008	12/8/2008	
Ethylbenzene	EPA 8260B	8L08028	2.0	ND	0.998	12/8/2008	12/8/2008	
Toluene	EPA 8260B	8L08028	2.0	ND	0.998	12/8/2008	12/8/2008	
m,p-Xylenes	EPA 8260B	8L08028	2.0	ND	0.998	12/8/2008	12/8/2008	
o-Xylene	EPA 8260B	8L08028	2.0	ND	0.998	12/8/2008	12/8/2008	
Xylenes, Total	EPA 8260B	8L08028	4.0	ND	0.998	12/8/2008	12/8/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %				
Surrogate: Dibromofluoromethane (80-135%)				94 %				
Surrogate: Toluene-d8 (80-120%)				94 %				
Sample ID: IRL0845-09 (IL 210 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08028	1.6	ND	0.821	12/8/2008	12/8/2008	
Ethylbenzene	EPA 8260B	8L08028	1.6	ND	0.821	12/8/2008	12/8/2008	
Toluene	EPA 8260B	8L08028	1.6	ND	0.821	12/8/2008	12/8/2008	
m,p-Xylenes	EPA 8260B	8L08028	1.6	ND	0.821	12/8/2008	12/8/2008	
o-Xylene	EPA 8260B	8L08028	1.6	ND	0.821	12/8/2008	12/8/2008	
Xylenes, Total	EPA 8260B	8L08028	3.3	ND	0.821	12/8/2008	12/8/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				91 %				
Surrogate: Dibromofluoromethane (80-135%)				100 %				
Surrogate: Toluene-d8 (80-120%)				93 %				

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Northgate Environmental Management
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

17461 DeSain Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-1397

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0845-10 (IL 210 (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08028	1.6	ND	0.808	12/8/2008	12/9/2008	
Ethylbenzene	EPA 8260B	8L08028	1.6	ND	0.808	12/8/2008	12/9/2008	
Toluene	EPA 8260B	8L08028	1.6	ND	0.808	12/8/2008	12/9/2008	
m,p-Xylenes	EPA 8260B	8L08028	1.6	ND	0.808	12/8/2008	12/9/2008	
o-Xylene	EPA 8260B	8L08028	1.6	ND	0.808	12/8/2008	12/9/2008	
Xylenes, Total	EPA 8260B	8L08028	3.2	ND	0.808	12/8/2008	12/9/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %				
Surrogate: Dibromofluoromethane (80-135%)				98 %				
Surrogate: Toluene-d8 (80-120%)				93 %				
Sample ID: IRL0845-11 (IL 230 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08028	3.5	ND	1.73	12/8/2008	12/8/2008	A-01
Ethylbenzene	EPA 8260B	8L08028	3.5	ND	1.73	12/8/2008	12/8/2008	
Toluene	EPA 8260B	8L08028	3.5	ND	1.73	12/8/2008	12/8/2008	
m,p-Xylenes	EPA 8260B	8L08028	3.5	ND	1.73	12/8/2008	12/8/2008	
o-Xylene	EPA 8260B	8L08028	3.5	ND	1.73	12/8/2008	12/8/2008	
Xylenes, Total	EPA 8260B	8L08028	6.9	ND	1.73	12/8/2008	12/8/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				87 %				
Surrogate: Dibromofluoromethane (80-135%)				105 %				
Surrogate: Toluene-d8 (80-120%)				93 %				
Sample ID: IRL0845-12 (IL 230 (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L09025	2.1	ND	1.03	12/9/2008	12/9/2008	
Ethylbenzene	EPA 8260B	8L09025	2.1	ND	1.03	12/9/2008	12/9/2008	
Toluene	EPA 8260B	8L09025	2.1	ND	1.03	12/9/2008	12/9/2008	
m,p-Xylenes	EPA 8260B	8L09025	2.1	ND	1.03	12/9/2008	12/9/2008	
o-Xylene	EPA 8260B	8L09025	2.1	ND	1.03	12/9/2008	12/9/2008	
Xylenes, Total	EPA 8260B	8L09025	4.1	ND	1.03	12/9/2008	12/9/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %				
Surrogate: Dibromofluoromethane (80-135%)				95 %				
Surrogate: Toluene-d8 (80-120%)				93 %				

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

17461 DeSain Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-1397

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0845-13 (TDA-1 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08028	2.0	ND	1.01	12/8/2008	12/9/2008	
Ethylbenzene	EPA 8260B	8L08028	2.0	ND	1.01	12/8/2008	12/9/2008	
Toluene	EPA 8260B	8L08028	2.0	ND	1.01	12/8/2008	12/9/2008	
m,p-Xylenes	EPA 8260B	8L08028	2.0	ND	1.01	12/8/2008	12/9/2008	
o-Xylene	EPA 8260B	8L08028	2.0	ND	1.01	12/8/2008	12/9/2008	
Xylenes, Total	EPA 8260B	8L08028	4.1	ND	1.01	12/8/2008	12/9/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %				
Surrogate: Dibromofluoromethane (80-135%)				93 %				
Surrogate: Toluene-d8 (80-120%)				93 %				
Sample ID: IRL0845-14 (TDA-1 (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08028	2.5	ND	1.24	12/8/2008	12/9/2008	
Ethylbenzene	EPA 8260B	8L08028	2.5	ND	1.24	12/8/2008	12/9/2008	
Toluene	EPA 8260B	8L08028	2.5	ND	1.24	12/8/2008	12/9/2008	
m,p-Xylenes	EPA 8260B	8L08028	2.5	ND	1.24	12/8/2008	12/9/2008	
o-Xylene	EPA 8260B	8L08028	2.5	ND	1.24	12/8/2008	12/9/2008	
Xylenes, Total	EPA 8260B	8L08028	5.0	ND	1.24	12/8/2008	12/9/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				91 %				
Surrogate: Dibromofluoromethane (80-135%)				97 %				
Surrogate: Toluene-d8 (80-120%)				94 %				
Sample ID: IRL0845-16 (TDA-2 (0-1) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L09025	2.2	ND	1.09	12/9/2008	12/9/2008	
Ethylbenzene	EPA 8260B	8L09025	2.2	ND	1.09	12/9/2008	12/9/2008	
Toluene	EPA 8260B	8L09025	2.2	ND	1.09	12/9/2008	12/9/2008	
m,p-Xylenes	EPA 8260B	8L09025	2.2	ND	1.09	12/9/2008	12/9/2008	
o-Xylene	EPA 8260B	8L09025	2.2	ND	1.09	12/9/2008	12/9/2008	
Xylenes, Total	EPA 8260B	8L09025	4.4	ND	1.09	12/9/2008	12/9/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)				92 %				
Surrogate: Dibromofluoromethane (80-135%)				96 %				
Surrogate: Toluene-d8 (80-120%)				94 %				

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Northgate Environmental Management
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Attention: Derrick Willis

17461 Denair Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date	Qualifiers
Sample ID: IRL0845-17 (TDA-2 (5-6) - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8L08028	1.9	ND	0.942	12/8/2008	12/9/2008	
Ethylbenzene	EPA 8260B	8L08028	1.9	ND	0.942	12/8/2008	12/9/2008	
Toluene	EPA 8260B	8L08028	1.9	4.2	0.942	12/8/2008	12/9/2008	
m,p-Xylenes	EPA 8260B	8L08028	1.9	2.8	0.942	12/8/2008	12/9/2008	
o-Xylene	EPA 8260B	8L08028	1.9	ND	0.942	12/8/2008	12/9/2008	
Xylenes, Total	EPA 8260B	8L08028	3.8	ND	0.942	12/8/2008	12/9/2008	
Surrogate: 4-Bromofluorobenzene (75-120%)								
Surrogate: Dibromofluoromethane (80-135%)								
Surrogate: Toluene-d8 (80-120%)								
				92 %				
				93 %				
				94 %				

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17461 Denair Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Date	Qualifiers
Sample ID: IRL0845-01 (IL_1P (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L08123	5.0	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
Surrogate: m-Octadecane (40-125%)				88 %					

Sample ID: IRL0845-02 (IL_1P (5-6) - Soil)

Reporting Units: mg/kg									
EFH (C13 - C44)	EPA 8015 MOD.	8L08123	5.0	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	

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Northgate Environmental Management
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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0845-02 (IL_1P (5-6) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octadecane (40-125%)								
Sample ID: IRL0845-03 (IL_1R (0-1) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octadecane (40-125%)								
EFH (C13 - C44)	EPA 8015 MOD.	8L08123	5.0	ND	1	12/9/2008	12/9/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octadecane (40-125%)								
Sample ID: IRL0845-04 (IL_1R (5-6) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octadecane (40-125%)								
EFH (C13 - C44)	EPA 8015 MOD.	8L08123	5.0	ND	1	12/9/2008	12/9/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octadecane (40-125%)								

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0845-04 (IL_1R (5-6) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octadecane (40-125%)								
EFH (C37 - C38)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octadecane (40-125%)								
Sample ID: IRL0845-05 (IL_SF-1 (0-1) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octadecane (40-125%)								
EFH (C13 - C44)	EPA 8015 MOD.	8L08123	5.0	ND	1	12/9/2008	12/9/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octadecane (40-125%)								
Sample ID: IRL0845-06 (IL_SF-1 (5-6) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octadecane (40-125%)								
EFH (C13 - C44)	EPA 8015 MOD.	8L08123	5.0	ND	1	12/9/2008	12/9/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

17461 Delmar Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/06/08
Received: 12/08/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Sample ID: IRL0845-06 (IL SP-1 (5-6) - Soil) - cont.

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Analyzed	Data Qualifiers
Reporting Units: mg/kg								
EFH (C31 - C32)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
Surrogate: n-Octacosane (40-125%)								
80 %								

Sample ID: IRL0845-07 (IL SP-2 (0-1) - Soil)

Reporting Units: mg/kg								
EFH (C13 - C14)	EPA 8015 MOD.	8L08123	5.0	ND	1	N/A	12/9/2008	12/9/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
Surrogate: n-Octacosane (40-125%)								
85 %								

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

17461 Delmar Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Sampled: 12/06/08
Received: 12/08/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Sample ID: IRL0845-08 (IL SP-2 (5-6) - Soil)

Reporting Units: mg/kg								
EFH (C13 - C14)	EPA 8015 MOD.	8L08123	5.0	ND	1	N/A	12/9/2008	12/9/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
Surrogate: n-Octacosane (40-125%)								
89 %								

Sample ID: IRL0845-09 (IL 310 (0-1) - Soil)

Reporting Units: mg/kg								
EFH (C13 - C14)	EPA 8015 MOD.	8L08123	5.0	ND	1	N/A	12/9/2008	12/9/2008
EFH (C15 - C16)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C17 - C18)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C19 - C20)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C21 - C22)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C23 - C24)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C25 - C26)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C27 - C28)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C29 - C30)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C31 - C32)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C33 - C34)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C35 - C36)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C37 - C38)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C39 - C40)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
EFH (C41 - C44)	EPA 8015 MOD.	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008
Surrogate: n-Octacosane (40-125%)								
89 %								

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0845-09 (IL 210 (0-1) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
97 %								
Sample ID: IRL0845-10 (IL 210 (5-6) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
97 %								
EFH (C13 - C44)	EPA 8015 MOD.	8L08123	5.0	ND	1	12/9/2008	12/9/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)								
90 %								

Sample ID: IRL0845-11 (IL 230 (0-1) - Soil)

Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
90 %								
EFH (C13 - C44)	EPA 8015 MOD.	8L08123	5.0	ND	1	12/9/2008	12/9/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)								
90 %								

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

17461 Dorian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0845-11 (IL 230 (0-1) - Soil) - cont.								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
70 %								
Sample ID: IRL0845-12 (IL 230 (5-6) - Soil)								
Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
93 %								
EFH (C13 - C44)	EPA 8015 MOD.	8L08123	5.0	ND	1	12/9/2008	12/9/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)								
93 %								

Sample ID: IRL0845-13 (TDA-1 (0-1) - Soil)

Reporting Units: mg/kg								
Surrogate: n-Octacosane (40-125%)								
93 %								
EFH (C13 - C44)	EPA 8015 MOD.	8L08123	5.0	ND	1	12/9/2008	12/9/2008	
EFH (C13 - C14)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C15 - C16)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C17 - C18)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C19 - C20)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C21 - C22)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C23 - C24)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C25 - C26)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C27 - C28)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C29 - C30)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C31 - C32)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C33 - C34)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C35 - C36)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C37 - C38)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C39 - C40)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
EFH (C41 - C44)	EPA 8015 MOD.	8L08123	3.5	ND	1	12/9/2008	12/9/2008	
Surrogate: n-Octacosane (40-125%)								
93 %								

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0845-17 (TDA-2 (5-6) - cont.								
Reporting Units: mg/kg				68 %				
Surrogate: n-Octadecane (40-125%)								

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

METHOD BLANK/QC DATA

THERMINOL (CADHS LUFT/8015B MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC	RPD	RPD	Data Qualifiers
Blank Analyzed: 12/09/2008 (8L08122-BLK1)										
1,1'-Biphenyl	ND	2.0	mg/kg							
1,1'-Oxybisbenzene	ND	2.0	mg/kg							
Surrogate: n-Octadecane	3.92		mg/kg	6.67		59	40-125			

LCS Analyzed: 12/09/2008 (8L08122-BS1)

1,1'-Biphenyl	2.08	2.0	mg/kg	3.33		63	50-115
1,1'-Oxybisbenzene	2.13	2.0	mg/kg	3.33		64	50-115
Surrogate: n-Octadecane	3.57		mg/kg	6.67		54	40-125

Matrix Spike Analyzed: 12/09/2008 (8L08122-MS1)

1,1'-Biphenyl	2.53	2.0	mg/kg	3.33	ND	76	35-120
1,1'-Oxybisbenzene	2.59	2.0	mg/kg	3.33	ND	78	35-120
Surrogate: n-Octadecane	4.58		mg/kg	6.67		69	40-125

Matrix Spike Dup Analyzed: 12/09/2008 (8L08122-MSD1)

1,1'-Biphenyl	2.46	2.0	mg/kg	3.33	ND	74	35-120
1,1'-Oxybisbenzene	2.52	2.0	mg/kg	3.33	ND	76	35-120
Surrogate: n-Octadecane	4.46		mg/kg	6.67		67	40-125

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Nortridge Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0845-13 (TDA-1 (0-1) - Soil) - cont.									
Reporting Units: mg/kg									
EFH (C31 - C32)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C33 - C34)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C35 - C36)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C37 - C38)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C39 - C40)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C41 - C44)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
Surrogate: n-Octadecane (40-125%)									
92 %									
Sample ID: IRL0845-14 (TDA-1 (5-6) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD	8L08123	5.0	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C15 - C16)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C17 - C18)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C19 - C20)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C21 - C22)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C23 - C24)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C25 - C26)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C27 - C28)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C29 - C30)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C31 - C32)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C33 - C34)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C35 - C36)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C37 - C38)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C39 - C40)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C41 - C44)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
Surrogate: n-Octadecane (40-125%)									
90 %									

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Nortridge Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL0845-16 (TDA-2 (0-1) - Soil)									
Reporting Units: mg/kg									
EFH (C13 - C14)	EPA 8015 MOD	8L08123	5.0	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C15 - C16)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C17 - C18)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C19 - C20)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C21 - C22)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C23 - C24)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C25 - C26)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C27 - C28)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C29 - C30)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C31 - C32)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C33 - C34)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C35 - C36)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C37 - C38)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C39 - C40)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
EFH (C41 - C44)	EPA 8015 MOD	8L08123	3.5	ND	1	N/A	12/9/2008	12/9/2008	
Surrogate: n-Octadecane (40-125%)									
65 %									

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Project Manager

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Northgate Environmental Management
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Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	Data Qualifiers
Batch: 8L08123 Extracted: 12/09/08									
Blank Analyzed: 12/09/2008 (8L08123-BLK1)									
EFH (C13 - C44)	ND	5.0	mg/kg						
Surrogate: n-Octacosane	6.00	5.0	mg/kg	6.67		90	40-125		
LCS Analyzed: 12/09/2008 (8L08123-BS1)									
EFH (C13 - C28)	23.1	5.0	mg/kg	25.0		92	45-115		
Surrogate: n-Octacosane	6.48		mg/kg	6.67		97	40-125		
Matrix Spike Analyzed: 12/09/2008 (8L08123-MS1)									
EFH (C13 - C44)	24.2	5.0	mg/kg	33.3	ND	72	40-120		
Surrogate: n-Octacosane	6.51		mg/kg	6.67		98	40-125		
Matrix Spike Dup Analyzed: 12/09/2008 (8L08123-MSD1)									
EFH (C13 - C44)	21.2	5.0	mg/kg	33.3	ND	64	40-120	13	30
Surrogate: n-Octacosane	5.80		mg/kg	6.67		87	40-125		

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Northgate Environmental Management
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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	Data Qualifiers
Batch: 8L08028 Extracted: 12/08/08									
Blank Analyzed: 12/08/2008 (8L08028-BLK1)									
Benzene	ND	2.0	ug/kg						
Ethylbenzene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
Xylenes, Total	ND	4.0	ug/kg						
Surrogate: 4-Bromofluorobenzene	45.8		ug/kg	50.0		92	75-120		
Surrogate: Dibromofluoromethane	47.0		ug/kg	50.0		94	80-135		
Surrogate: Toluene-d8	46.9		ug/kg	50.0		94	80-120		
LCS Analyzed: 12/08/2008 (8L08028-BS1)									
Benzene	44.0	2.0	ug/kg	50.0		88	65-120		MNR1
Ethylbenzene	49.3	2.0	ug/kg	50.0		99	70-120		
Toluene	45.2	2.0	ug/kg	50.0		90	70-120		
m,p-Xylenes	100	2.0	ug/kg	100		100	65-120		
o-Xylene	49.5	2.0	ug/kg	50.0		99	70-125		
Xylenes, Total	150	4.0	ug/kg	150		100	65-125		
Surrogate: 4-Bromofluorobenzene	47.3		ug/kg	50.0		95	75-120		
Surrogate: Dibromofluoromethane	47.9		ug/kg	50.0		96	80-135		
Surrogate: Toluene-d8	47.1		ug/kg	50.0		94	80-120		
LCS Dup Analyzed: 12/08/2008 (8L08028-BSD1)									
Benzene	46.0	2.0	ug/kg	50.0		92	65-120	4	30
Ethylbenzene	51.1	2.0	ug/kg	50.0		102	70-120	3	30
Toluene	47.4	2.0	ug/kg	50.0		95	70-120	5	30
m,p-Xylenes	103	2.0	ug/kg	100		103	65-120	2	30
o-Xylene	51.5	2.0	ug/kg	50.0		103	70-125	4	30
Xylenes, Total	154	4.0	ug/kg	150		103	65-125	3	20
Surrogate: 4-Bromofluorobenzene	47.0		ug/kg	50.0		94	75-120		
Surrogate: Dibromofluoromethane	49.0		ug/kg	50.0		98	80-135		
Surrogate: Toluene-d8	47.2		ug/kg	50.0		94	80-120		

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

Northgate Environmental Management
1100 Quail Street, Suite 102
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Attention: Derrick Willis

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Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL0845

Sampled: 12/06/08
Received: 12/08/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	%REC	RPD Limit	Data Qualifiers
Batch: 8L09025 Extracted: 12/09/08									
Blank Analyzed: 12/09/2008 (8L09025-BLK1)									
Benzene	ND	2.0	ug/kg						
Ethylbenzene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
Xylenes, Total	ND	4.0	ug/kg						
Surrogate: 4-Bromofluorobenzene	45.7		ug/kg	50.0		91	75-120		
Surrogate: Dibromofluoromethane	50.1		ug/kg	50.0		100	80-135		
Surrogate: Toluene-d8	46.9		ug/kg	50.0		94	80-120		
LCS Analyzed: 12/09/2008 (8L09025-BST1)									
Benzene	43.4	2.0	ug/kg	50.0		87	65-120		
Ethylbenzene	49.7	2.0	ug/kg	50.0		99	70-120		
Toluene	45.9	2.0	ug/kg	50.0		92	70-120		
m,p-Xylenes	99.9	2.0	ug/kg	100		100	65-120		
o-Xylene	49.9	2.0	ug/kg	50.0		100	70-125		
Xylenes, Total	150	4.0	ug/kg	150		100	65-125		
Surrogate: 4-Bromofluorobenzene	47.2		ug/kg	50.0		94	75-120		
Surrogate: Dibromofluoromethane	49.5		ug/kg	50.0		99	80-135		
Surrogate: Toluene-d8	46.8		ug/kg	50.0		94	80-120		
LCS Dup Analyzed: 12/09/2008 (8L09025-BSD1)									
Benzene	45.0	2.0	ug/kg	50.0		90	65-120	4	30
Ethylbenzene	51.5	2.0	ug/kg	50.0		103	70-120	4	30
Toluene	47.6	2.0	ug/kg	50.0		95	70-120	4	30
m,p-Xylenes	103	2.0	ug/kg	100		103	65-120	4	30
o-Xylene	51.6	2.0	ug/kg	50.0		103	70-125	3	30
Xylenes, Total	155	4.0	ug/kg	150		103	65-125	3	20
Surrogate: 4-Bromofluorobenzene	48.0		ug/kg	50.0		96	75-120		
Surrogate: Dibromofluoromethane	49.0		ug/kg	50.0		98	80-135		
Surrogate: Toluene-d8	46.9		ug/kg	50.0		94	80-120		

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DATA QUALIFIERS AND DEFINITIONS

A-01 Only one Sodium Bisulfate VOA available, the duplicate vial leaked prior to receipt. No re-analysis could be done to confirm results.

I Internal Standard recovery was outside of method limits. Matrix interference was confirmed.

MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

ADDITIONAL COMMENTS

For Hydrocarbon Distribution Analyses:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO):

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

LABORATORY REPORT

Prepared For: Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project: Solar Energy Generating System
2024.01.01S-01

Sampled: 12/11/08
Received: 12/11/08
Issued: 12/12/08 16:14

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

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This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 4°C, on ice and with chain of custody documentation.
HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica Sample Acceptance Policy unless otherwise noted in the report.
PRESERVATION: Samples requiring preservation were verified prior to sample analysis.
QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.
COMMENTS: No significant observations were made.
SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID

IRL1275-01
GW-1-121108
TB-121108

MATRIX

Water
Water

Reviewed By:

[Signature]

TestAmerica Irvine
Patty Mata
Project Manager

Client Name/Address: 1100 Quail #102, Newport Beach, CA
Project Manager: Derrick Willis
Sample: Don R Brown
Phone Number: (949) 375-7004
Fax Number: (949) 315-3365
Sample Description: TGA-120608
Matrix: White
Container: 2-V
of Samples: 4
Sampling Date: 12-6-08 10:06
Preservation: 4°C
Analysis Required: 2
Project/PO Number: 2024.01
Relinquished By: *[Signature]* Date/Time: 12/15/08 10:15
Relinquished By: *[Signature]* Date/Time: 12/18/08 10:15
Received In Lab By: *[Signature]* Date/Time: 12/18/08 10:15
Sample Integrity: (Check) Intact ☒ Sample Integrity: (Check) on ice ☐
Turnaround Time: (Check) 48 hours ☒ 24 hours ☐ 5 days ☐ 72 hours ☐
Special Instructions: TGA-120608
TGA-2 (0-1)
TGA-2 (5-6)

Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Denair Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL1275

Sampled: 12/11/08
Received: 12/11/08

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL1275-01 (GW-1-121108 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	8L11013	0.50	ND	1	12/11/2008	12/11/2008	
Bromobenzene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Bromochloromethane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Bromodichloromethane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Bromoforn	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Bromomethane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	L
n-Butylbenzene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
sec-Butylbenzene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
tert-Butylbenzene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Carbon tetrachloride	EPA 8260B	8L11013	0.50	ND	1	12/11/2008	12/11/2008	
Chlorobenzene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Chloroethane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Chloroform	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Chloromethane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
2-Chlorotoluene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
4-Chlorotoluene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8L11013	5.0	ND	1	12/11/2008	12/11/2008	
Dibromochloromethane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,2-Dibromomethane (EDB)	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Dibromomethane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,2-Dichlorobenzene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,3-Dichlorobenzene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,4-Dichlorobenzene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Dichlorodifluoromethane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,1-Dichloroethane	EPA 8260B	8L11013	2.0	ND	1	12/11/2008	12/11/2008	L
1,2-Dichloroethane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,1-Dichloroethene	EPA 8260B	8L11013	0.50	ND	1	12/11/2008	12/11/2008	
cis-1,2-Dichloroethene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
trans-1,2-Dichloroethene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,2-Dichloropropane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,3-Dichloropropane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
2,2-Dichloropropane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
cis-1,3-Dichloropropene	EPA 8260B	8L11013	0.50	ND	1	12/11/2008	12/11/2008	
trans-1,3-Dichloropropene	EPA 8260B	8L11013	0.50	ND	1	12/11/2008	12/11/2008	
1,1-Dichloropropene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Ethylbenzene	EPA 8260B	8L11013	0.50	ND	1	12/11/2008	12/11/2008	
Hexachlorobutadiene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Isopropylbenzene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	C, L
p-Isopropyltoluene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Methylene chloride	EPA 8260B	8L11013	5.0	ND	1	12/11/2008	12/11/2008	
Naphthalene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	

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Patty Mata
Project Manager

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IRL1275 <Page 2 of 13>

Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL1275

Sampled: 12/11/08
Received: 12/11/08

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRL1275-01 (GW-1-121108 - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	L
Styrene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Tetrachloroethene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Toluene	EPA 8260B	8L11013	0.50	0.65	1	12/11/2008	12/11/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,1,1-Trichloroethane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,1,2-Trichloroethane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Trichloroethene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Trichlorofluoromethane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,2,3-Trichloropropane	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Vinyl chloride	EPA 8260B	8L11013	0.50	ND	1	12/11/2008	12/11/2008	
m,p-Xylenes	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
o-Xylene	EPA 8260B	8L11013	0.50	ND	1	12/11/2008	12/11/2008	
Di-isopropyl Ether (DIPE)	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
tert-Butanol (TBA)	EPA 8260B	8L11013	1.0	ND	1	12/11/2008	12/11/2008	
Ethanol	EPA 8260B	8L11013	150	ND	1	12/11/2008	12/11/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				96 %				
Surrogate: Dibromofluoromethane (80-120%)				100 %				
Surrogate: Toluene-d8 (80-120%)				93 %				

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Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Duran Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01 S-01
Report Number: IRL1275

Sampled: 12/11/08
Received: 12/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	%REC	RPD Limit	Data Qualifiers
Batch: 8L11013 Extracted: 12/11/08									
Blank Analyzed: 12/11/2008 (8L11013-BLK1)									
Benzene	ND	0.50	ug/l						
Bromobenzene	ND		ug/l						
Bromochloromethane	ND	1.0	ug/l						
Bromodichloromethane	ND	1.0	ug/l						
Bromofom	ND	1.0	ug/l						
Bromomethane	ND	1.0	ug/l						
n-Butylbenzene	ND	1.0	ug/l						
sec-Butylbenzene	ND	1.0	ug/l						
tert-Butylbenzene	ND	1.0	ug/l						
Carbon tetrachloride	ND	0.50	ug/l						
Chlorobenzene	ND	1.0	ug/l						
Chloroethane	ND	1.0	ug/l						
Chloroform	ND	1.0	ug/l						
Chloromethane	ND	1.0	ug/l						
2-Chlorotoluene	ND	1.0	ug/l						
4-Chlorotoluene	ND	1.0	ug/l						
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l						
Dibromochloromethane	ND	1.0	ug/l						
1,2-Dibromomethane (EDB)	ND	1.0	ug/l						
Dibromomethane	ND	1.0	ug/l						
1,2-Dichlorobenzene	ND	1.0	ug/l						
1,3-Dichlorobenzene	ND	1.0	ug/l						
1,4-Dichlorobenzene	ND	1.0	ug/l						
Dichlorodifluoromethane	ND	2.0	ug/l						
1,1-Dichloroethane	ND	1.0	ug/l						
1,2-Dichloroethane	ND	0.50	ug/l						
1,1-Dichloroethene	ND	1.0	ug/l						
cis-1,2-Dichloroethene	ND	1.0	ug/l						
trans-1,2-Dichloroethene	ND	1.0	ug/l						
1,2-Dichloropropane	ND	1.0	ug/l						
1,3-Dichloropropane	ND	1.0	ug/l						
2,2-Dichloropropane	ND	1.0	ug/l						
cis-1,3-Dichloropropene	ND	0.50	ug/l						
trans-1,3-Dichloropropene	ND	0.50	ug/l						
1,1-Dichloropropene	ND	1.0	ug/l						
Ethylbenzene	ND	0.50	ug/l						

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Patty Mata
Project Manager

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IRL1275 <Page 4 of 13>

Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

17461 Duran Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax: (949) 260-3297

Project ID: Solar Energy Generating System
2024.01.01 S-01
Report Number: IRL1275

Sampled: 12/11/08
Received: 12/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	%REC	RPD Limit	Data Qualifiers
Batch: 8L11013 Extracted: 12/11/08									
Blank Analyzed: 12/11/2008 (8L11013-BLK1)									
Hexachlorobutadiene	ND	1.0	ug/l						
Isopropylbenzene	ND	1.0	ug/l						
p-Isopropyltoluene	ND	1.0	ug/l						
Methylene chloride	ND	5.0	ug/l						
Naphthalene	ND	1.0	ug/l						
n-Propylbenzene	ND	1.0	ug/l						
Styrene	ND	1.0	ug/l						
1,1,1,2-Tetrachloroethane	ND	1.0	ug/l						
1,1,2,2-Tetrachloroethane	ND	1.0	ug/l						
Tetrachloroethene	ND	1.0	ug/l						
Toluene	ND	0.50	ug/l						
1,2,3-Trichlorobenzene	ND	1.0	ug/l						
1,2,4-Trichlorobenzene	ND	1.0	ug/l						
1,1,1-Trichloroethane	ND	1.0	ug/l						
1,1,2-Trichloroethane	ND	1.0	ug/l						
Trichloroethene	ND	1.0	ug/l						
Trichlorofluoromethane	ND	1.0	ug/l						
1,2,3-Trichloropropane	ND	1.0	ug/l						
1,2,4-Trimethylbenzene	ND	1.0	ug/l						
1,3,5-Trimethylbenzene	ND	1.0	ug/l						
Vinyl chloride	ND	0.50	ug/l						
m,p-Xylenes	ND	1.0	ug/l						
o-Xylene	ND	0.50	ug/l						
Di-isopropyl Ether (DIPE)	ND	1.0	ug/l						
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	ug/l						
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l						
tert-Amyl Methyl Ether (TAME)	ND	1.0	ug/l						
tert-Butanol (TBA)	ND	1.0	ug/l						
Ethanol	ND	150	ug/l						
Surrogate: 4-Bromofluorobenzene	24.0		ug/l	25.0			96	80-120	
Surrogate: Dibromofluoromethane	23.0		ug/l	25.0			100	80-120	
Surrogate: Toluene-d8	23.7		ug/l	25.0			95	80-120	

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Patty Mata
Project Manager

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IRL1275 <Page 5 of 13>

Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL1275

Sampled: 12/11/08
Received: 12/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8L11013 Extracted: 12/11/08										
LCS Analyzed: 12/11/2008 (8L11013-BS1)										
Benzene	24.8	0.50	ug/l	25.0	25.0	99	70-120			
Bromobenzene	27.0	1.0	ug/l	25.0	25.0	108	75-120			
Bromochloromethane	25.3	1.0	ug/l	25.0	25.0	101	70-130			
Bromodichloromethane	29.4	1.0	ug/l	25.0	25.0	117	70-135			
Bromoform	24.6	1.0	ug/l	25.0	25.0	98	55-130			
Bromomethane	38.3	1.0	ug/l	25.0	25.0	153	65-140			
n-Butylbenzene	31.3	1.0	ug/l	25.0	25.0	125	70-130			
sec-Butylbenzene	29.8	1.0	ug/l	25.0	25.0	119	70-125			
tert-Butylbenzene	28.5	1.0	ug/l	25.0	25.0	114	70-125			
Carbon tetrachloride	26.8	0.50	ug/l	25.0	25.0	107	65-140			
Chlorobenzene	28.0	1.0	ug/l	25.0	25.0	112	75-120			
Chloroethane	26.6	1.0	ug/l	25.0	25.0	106	60-140			
Chloroform	27.2	1.0	ug/l	25.0	25.0	109	70-130			
Chloromethane	29.5	1.0	ug/l	25.0	25.0	118	50-140			
2-Chlorotoluene	31.0	1.0	ug/l	25.0	25.0	124	70-125			
4-Chlorotoluene	31.0	1.0	ug/l	25.0	25.0	124	75-125			
1,2-Dibromo-3-chloropropane	26.6	5.0	ug/l	25.0	25.0	106	50-135			
Dibromochloromethane	26.0	1.0	ug/l	25.0	25.0	104	70-140			
1,2-Dibromomethane (EDB)	28.6	1.0	ug/l	25.0	25.0	114	75-125			
Dibromomethane	25.9	1.0	ug/l	25.0	25.0	104	70-125			
1,2-Dichlorobenzene	27.6	1.0	ug/l	25.0	25.0	110	75-120			
1,3-Dichlorobenzene	27.9	1.0	ug/l	25.0	25.0	112	75-120			
1,4-Dichlorobenzene	26.3	1.0	ug/l	25.0	25.0	105	75-120			
Dichlorodifluoromethane	40.3	2.0	ug/l	25.0	25.0	161	35-155			
1,1-Dichloroethane	25.3	1.0	ug/l	25.0	25.0	101	70-125			
1,2-Dichloroethane	25.6	0.50	ug/l	25.0	25.0	103	60-140			
1,1-Dichloroethene	27.4	1.0	ug/l	25.0	25.0	110	70-125			
cis-1,2-Dichloroethene	25.9	1.0	ug/l	25.0	25.0	103	70-125			
trans-1,2-Dichloroethene	28.5	1.0	ug/l	25.0	25.0	114	70-125			
1,2-Dichloropropane	24.5	1.0	ug/l	25.0	25.0	98	70-125			
1,3-Dichloropropane	28.2	1.0	ug/l	25.0	25.0	113	70-120			
2,2-Dichloropropane	31.2	1.0	ug/l	25.0	25.0	125	65-140			
cis-1,3-Dichloropropene	27.9	0.50	ug/l	25.0	25.0	112	75-125			
trans-1,3-Dichloropropene	28.4	0.50	ug/l	25.0	25.0	114	70-125			
1,1-Dichloropropene	27.2	1.0	ug/l	25.0	25.0	109	75-130			
Ethylbenzene	29.9	0.50	ug/l	25.0	25.0	119	75-125			

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Patty Mata

Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL1275

Sampled: 12/11/08
Received: 12/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8L11013 Extracted: 12/11/08										
LCS Analyzed: 12/11/2008 (8L11013-BS1)										
Hexachlorobutadiene	30.6	1.0	ug/l	25.0	25.0	122	65-135			
Isopropylbenzene	34.2	1.0	ug/l	25.0	25.0	137	75-130			
p-Isopropyltoluene	28.2	1.0	ug/l	25.0	25.0	113	75-125			
Methylene chloride	27.5	5.0	ug/l	25.0	25.0	110	55-130			
Naphthalene	24.7	1.0	ug/l	25.0	25.0	99	55-135			
n-Propylbenzene	32.6	1.0	ug/l	25.0	25.0	131	75-130			
Styrene	29.1	1.0	ug/l	25.0	25.0	116	75-130			
1,1,1,2-Tetrachloroethane	28.4	1.0	ug/l	25.0	25.0	113	70-130			
1,1,2,2-Tetrachloroethane	29.6	1.0	ug/l	25.0	25.0	118	55-130			
Tetrachloroethene	27.2	1.0	ug/l	25.0	25.0	109	70-125			
Toluene	26.9	0.50	ug/l	25.0	25.0	108	70-120			
1,2,3-Trichlorobenzene	25.1	1.0	ug/l	25.0	25.0	101	65-125			
1,2,4-Trichlorobenzene	28.1	1.0	ug/l	25.0	25.0	112	70-135			
1,1,1-Trichloroethane	29.7	1.0	ug/l	25.0	25.0	119	65-135			
1,1,2-Trichloroethane	27.5	1.0	ug/l	25.0	25.0	110	70-125			
Trichloroethene	30.0	1.0	ug/l	25.0	25.0	96	70-125			
Trichlorofluoromethane	30.2	1.0	ug/l	25.0	25.0	121	65-145			
1,2,3-Trichloropropane	27.4	1.0	ug/l	25.0	25.0	110	60-130			
1,2,4-Trimethylbenzene	30.7	1.0	ug/l	25.0	25.0	123	75-125			
1,3,5-Trimethylbenzene	31.3	1.0	ug/l	25.0	25.0	125	75-125			
Vinyl chloride	29.4	0.50	ug/l	25.0	25.0	118	55-135			
m,p-Xylenes	56.9	1.0	ug/l	50.0	50.0	114	75-125			
o-Xylene	27.9	0.50	ug/l	25.0	25.0	112	75-125			
Diisopropyl Ether (DIPE)	26.1	1.0	ug/l	25.0	25.0	105	60-135			
Ethyl tert-Butyl Ether (ETBE)	27.0	1.0	ug/l	25.0	25.0	108	65-135			
Methyl-tert-butyl Ether (MTBE)	28.3	1.0	ug/l	25.0	25.0	113	60-135			
tert-Amyl Methyl Ether (TAME)	28.8	1.0	ug/l	25.0	25.0	115	60-135			
tert-Butanol (TBA)	137	10	ug/l	125	125	110	70-135			
Ethanol	221	150	ug/l	250	250	88	40-155			
Surrogate: 4-Bromofluorobenzene	24.7		ug/l	25.0	25.0	99	80-120			
Surrogate: Dibromofluoromethane	25.7		ug/l	25.0	25.0	103	80-120			
Surrogate: Toluene-d8	23.7		ug/l	25.0	25.0	95	80-120			

TestAmerica Irvine

Patty Mata

Project Manager

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL1275

Sampled: 12/11/08
Received: 12/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	Limit	Data Qualifiers
Batch: 8L11013 Extracted: 12/11/08									
Matrix Spike Analyzed: 12/11/2008 (8L11013-MS1)									
Benzene	26.0	0.50	ug/l	25.0	ND	104	65-125		
Bromobenzene	28.0	1.0	ug/l	25.0	ND	112	70-125		
Bromochloromethane	25.6	1.0	ug/l	25.0	ND	102	65-135		
Bromodichloromethane	30.7	1.0	ug/l	25.0	ND	123	70-135		
Bromoform	24.5	1.0	ug/l	25.0	ND	98	55-135		
Bromonethane	38.1	1.0	ug/l	25.0	ND	152	55-145		
n-Butylbenzene	32.5	1.0	ug/l	25.0	ND	130	65-135		
sec-Butylbenzene	30.7	1.0	ug/l	25.0	ND	123	70-125		
tert-Butylbenzene	29.2	1.0	ug/l	25.0	ND	117	65-130		
Carbon tetrachloride	28.2	0.50	ug/l	25.0	ND	113	65-140		
Chlorobenzene	29.0	1.0	ug/l	25.0	ND	116	75-125		
Chloroethane	27.6	1.0	ug/l	25.0	ND	110	55-140		
Chloroform	28.1	1.0	ug/l	25.0	ND	112	65-135		
Chloromethane	29.8	1.0	ug/l	25.0	ND	119	45-145		
2-Chlorotoluene	31.5	1.0	ug/l	25.0	ND	126	65-135		
4-Chlorotoluene	32.0	1.0	ug/l	25.0	ND	128	70-135		
1,2-Dibromo-3-chloropropane	26.7	5.0	ug/l	25.0	ND	107	45-145		
Dibromochloromethane	26.7	1.0	ug/l	25.0	ND	107	65-140		
1,2-Dibromomethane (EDB)	29.0	1.0	ug/l	25.0	ND	116	70-130		
Dibromomethane	27.2	1.0	ug/l	25.0	ND	109	65-135		
1,2-Dichlorobenzene	28.3	1.0	ug/l	25.0	ND	113	75-125		
1,3-Dichlorobenzene	28.8	1.0	ug/l	25.0	ND	115	75-125		
1,4-Dichlorobenzene	27.2	1.0	ug/l	25.0	ND	109	75-125		
Dichlorodifluoromethane	40.6	2.0	ug/l	25.0	ND	162	25-155		
1,1-Dichloroethane	25.6	1.0	ug/l	25.0	ND	102	65-130		
1,2-Dichloroethane	26.2	0.50	ug/l	25.0	ND	105	60-140		
1,1-Dichloroethene	27.8	1.0	ug/l	25.0	ND	111	60-130		
cis-1,2-Dichloroethane	26.2	1.0	ug/l	25.0	ND	105	65-130		
trans-1,2-Dichloroethane	29.7	1.0	ug/l	25.0	ND	119	65-130		
1,2-Dichloropropane	24.8	1.0	ug/l	25.0	ND	99	65-130		
1,3-Dichloropropane	28.6	1.0	ug/l	25.0	ND	114	65-135		
2,2-Dichloropropane	31.4	1.0	ug/l	25.0	ND	126	60-145		
cis-1,3-Dichloropropene	28.5	0.50	ug/l	25.0	ND	114	70-130		
trans-1,3-Dichloropropene	29.1	0.50	ug/l	25.0	ND	116	65-135		
1,1-Dichloropropene	28.3	1.0	ug/l	25.0	ND	113	70-135		
Ethylbenzene	30.9	0.50	ug/l	25.0	ND	124	65-130		

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Patty Mata

Project Manager

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Northgate Environmental Management
1100 Quail Street, Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL1275

Sampled: 12/11/08
Received: 12/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	Limit	Data Qualifiers
Batch: 8L11013 Extracted: 12/11/08									
Matrix Spike Analyzed: 12/11/2008 (8L11013-MS1)									
Hexachlorobutadiene	31.8	1.0	ug/l	25.0	ND	127	60-135		
Isopropylbenzene	35.0	1.0	ug/l	25.0	ND	140	70-135		
p-Isopropyltoluene	29.1	1.0	ug/l	25.0	ND	116	65-130		
Methylene chloride	26.9	5.0	ug/l	25.0	ND	108	50-135		
Naphthalene	22.8	1.0	ug/l	25.0	ND	91	50-140		
n-Propylbenzene	33.4	1.0	ug/l	25.0	ND	134	70-135		
Styrene	18.1	1.0	ug/l	25.0	ND	72	50-145		
1,1,1,2-Tetrachloroethane	28.7	1.0	ug/l	25.0	ND	115	65-140		
1,1,2,2-Tetrachloroethane	30.6	1.0	ug/l	25.0	ND	122	55-135		
Tetrachloroethene	28.1	1.0	ug/l	25.0	ND	113	65-130		
Toluene	26.3	0.50	ug/l	25.0	ND	112	70-125		
1,2,3-Trichlorobenzene	26.3	1.0	ug/l	25.0	ND	105	60-135		
1,2,4-Trichlorobenzene	28.9	1.0	ug/l	25.0	ND	116	65-135		
1,1,1-Trichloroethane	30.6	1.0	ug/l	25.0	ND	122	65-140		
1,1,2-Trichloroethane	27.9	1.0	ug/l	25.0	ND	112	65-130		
Trichloroethene	25.0	1.0	ug/l	25.0	ND	100	65-125		
Trichlorofluoromethane	30.3	1.0	ug/l	25.0	ND	121	60-145		
1,2,3-Trichloropropane	27.9	1.0	ug/l	25.0	ND	112	55-135		
1,2,4-Trimethylbenzene	28.4	1.0	ug/l	25.0	ND	113	55-135		
1,3,5-Trimethylbenzene	31.6	1.0	ug/l	25.0	ND	126	70-130		
Vinyl chloride	29.8	0.50	ug/l	25.0	ND	119	45-140		
m,p-Xylenes	59.0	1.0	ug/l	50.0	ND	118	65-130		
o-Xylene	29.4	0.50	ug/l	25.0	ND	118	65-125		
Diisopropyl Ether (DIPE)	26.2	1.0	ug/l	25.0	ND	105	60-140		
Ethyl tert-Butyl Ether (ETBE)	26.7	1.0	ug/l	25.0	ND	107	60-135		
Methyl tert-butyl Ether (MTBE)	28.4	1.0	ug/l	25.0	ND	114	55-145		
tert-Amyl Methyl Ether (TAME)	28.7	1.0	ug/l	25.0	ND	115	60-140		
tert-Butanol (TBA)	146	10	ug/l	125	ND	117	65-140		
Ethanol	231	150	ug/l	250	ND	92	40-155		
Surrogate: 4-Bromofluorobenzene	24.3		ug/l	25.0	ND	97	80-120		
Surrogate: Dibromofluoromethane	24.8		ug/l	25.0	ND	99	80-120		
Surrogate: Toluene-d8	23.6		ug/l	25.0	ND	95	80-120		

TestAmerica Irvine

Patty Mata

Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL1275

Sampled: 12/11/08
Received: 12/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Data Qualifiers
Batch: 8L11013 Extracted: 12/11/08										
Matrix Spike Dup Analyzed: 12/11/2008 (8L11013-MSD1)										
Benzene	25.0	0.50	ug/l	25.0	ND	100	65-125	4	20	
Bromobenzene	26.4	1.0	ug/l	25.0	ND	106	70-125	6	20	
Bromochloromethane	24.4	1.0	ug/l	25.0	ND	98	65-135	5	25	
Bromodichloromethane	29.1	1.0	ug/l	25.0	ND	116	70-135	5	20	
Bromoforn	23.8	1.0	ug/l	25.0	ND	95	55-135	3	25	
Bromomethane	37.4	1.0	ug/l	25.0	ND	149	55-145	2	25	
n-Butylbenzene	31.5	1.0	ug/l	25.0	ND	126	65-125	3	20	
sec-Butylbenzene	29.8	1.0	ug/l	25.0	ND	119	70-125	3	20	
tert-Butylbenzene	28.6	1.0	ug/l	25.0	ND	115	65-130	2	20	
Carbon tetrachloride	27.5	0.50	ug/l	25.0	ND	110	65-140	3	25	
Chlorobenzene	27.4	1.0	ug/l	25.0	ND	110	75-125	6	20	
Chloroethane	26.7	1.0	ug/l	25.0	ND	107	55-140	3	25	
Chloroform	27.5	1.0	ug/l	25.0	ND	110	65-135	2	20	
Chloromethane	29.0	1.0	ug/l	25.0	ND	116	45-145	3	25	
4-Chlorotoluene	31.0	1.0	ug/l	25.0	ND	123	65-135	2	20	
1,2-Dibromo-3-chloropropane	25.4	5.0	ug/l	25.0	ND	102	45-145	5	30	
Dibromochloromethane	25.7	1.0	ug/l	25.0	ND	103	65-140	4	25	
1,2-Dibromomethane (EDB)	26.6	1.0	ug/l	25.0	ND	106	70-130	9	25	
Dibromomethane	25.0	1.0	ug/l	25.0	ND	100	65-135	8	25	
1,2-Dichlorobenzene	27.8	1.0	ug/l	25.0	ND	111	75-125	2	20	
1,4-Dichlorobenzene	26.4	1.0	ug/l	25.0	ND	106	75-125	3	20	
Dichlorodifluoromethane	40.5	2.0	ug/l	25.0	ND	162	25-155	0	30	
1,1-Dichloroethane	25.2	1.0	ug/l	25.0	ND	101	65-130	2	20	
1,2-Dichloroethane	24.9	0.50	ug/l	25.0	ND	100	60-140	5	20	
1,1-Dichloroethene	27.0	1.0	ug/l	25.0	ND	108	60-130	3	20	
cis-1,2-Dichloroethane	25.9	1.0	ug/l	25.0	ND	104	65-130	1	20	
trans-1,2-Dichloroethane	28.4	1.0	ug/l	25.0	ND	114	65-130	4	20	
1,2-Dichloropropane	26.7	1.0	ug/l	25.0	ND	95	65-130	4	20	
2,2-Dichloropropane	31.0	1.0	ug/l	25.0	ND	107	65-135	7	25	
cis-1,3-Dichloropropene	27.4	0.50	ug/l	25.0	ND	124	60-145	1	25	
trans-1,3-Dichloropropene	27.7	0.50	ug/l	25.0	ND	109	70-130	4	20	
1,1-Dichloropropene	26.9	1.0	ug/l	25.0	ND	111	65-135	5	25	
Ethylbenzene	29.7	0.50	ug/l	25.0	ND	108	70-135	5	20	
TestAmerica Irvine						119	65-130	4	20	

Patty Mata
Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL1275

Sampled: 12/11/08
Received: 12/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Data Qualifiers
Batch: 8L11013 Extracted: 12/11/08										
Matrix Spike Dup Analyzed: 12/11/2008 (8L11013-MSD1)										
Hexachlorobutadiene	32.1	1.0	ug/l	25.0	ND	128	60-135	1	20	
Isopropylbenzene	34.2	1.0	ug/l	25.0	ND	137	70-135	2	20	
p-Isopropyltoluene	28.2	1.0	ug/l	25.0	ND	113	65-130	3	20	
Methylene chloride	26.3	5.0	ug/l	25.0	ND	105	50-135	2	20	
Naphthalene	20.4	1.0	ug/l	25.0	ND	82	50-140	11	30	
n-Propylbenzene	32.7	1.0	ug/l	25.0	ND	131	70-135	2	20	
Styrene	14.1	1.0	ug/l	25.0	ND	56	50-145	25	30	
1,1,1,2-Tetrachloroethane	28.2	1.0	ug/l	25.0	ND	113	65-140	2	20	
1,1,1,2-Tetrachloroethane	27.3	1.0	ug/l	25.0	ND	114	55-135	8	30	
Tetrachloroethene	26.8	0.50	ug/l	25.0	ND	109	65-130	3	20	
Toluene	25.4	1.0	ug/l	25.0	ND	107	70-125	4	20	
1,2,3-Trichlorobenzene	28.3	1.0	ug/l	25.0	ND	102	60-135	3	20	
1,2,4-Trichlorobenzene	30.4	1.0	ug/l	25.0	ND	113	65-135	2	20	
1,1,1-Trichloroethane	26.0	1.0	ug/l	25.0	ND	122	65-140	1	20	
1,1,2-Trichloroethane	23.8	1.0	ug/l	25.0	ND	104	65-130	7	25	
Trichlorofluoromethane	30.0	1.0	ug/l	25.0	ND	95	60-125	5	20	
1,2,3-Trichloropropane	25.1	1.0	ug/l	25.0	ND	120	60-145	1	25	
1,2,4-Trinitrobenzene	25.8	1.0	ug/l	25.0	ND	100	55-135	11	30	
1,3,5-Trinitrobenzene	29.9	1.0	ug/l	25.0	ND	103	55-135	10	25	
Vinyl chloride	30.0	0.50	ug/l	25.0	ND	119	70-130	6	20	
m,p-Xylenes	56.6	1.0	ug/l	25.0	ND	120	45-140	0	30	
o-Xylene	27.8	0.50	ug/l	25.0	ND	111	65-130	4	25	
Diisopropyl Ether (DIPE)	25.5	1.0	ug/l	25.0	ND	102	60-140	2	25	
Ethyl tert-Butyl Ether (ETBE)	25.9	1.0	ug/l	25.0	ND	104	60-135	3	25	
Methyl-tert-butyl Ether (MTBE)	27.3	1.0	ug/l	25.0	ND	109	55-145	4	25	
tert-Amyl Methyl Ether (TAME)	27.6	1.0	ug/l	25.0	ND	110	60-140	4	30	
tert-Butanol (TBA)	142	10	ug/l	125	ND	114	65-140	3	25	
Ethanol	238	150	ug/l	250	ND	95	40-155	3	30	
Surrogate: 4-Bromofluorobenzene	24.5		ug/l	25.0		98	80-120			
Surrogate: Dibromofluoromethane	26.1		ug/l	25.0		104	80-120			
Surrogate: Toluene-d8	23.7		ug/l	25.0		95	80-120			

TestAmerica Irvine
Patty Mata
Project Manager

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Northgate Environmental Management
1100 Quail Street Suite 102
Newport Beach, CA 92660
Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL1275

Sampled: 12/11/08
Received: 12/11/08

DATA QUALIFIERS AND DEFINITIONS

- C Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
- L Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
- M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analytes:
Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD.
The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

TestAmerica Irvine
Patty Mata
Project Manager

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Attention: Derrick Willis

Project ID: Solar Energy Generating System
2024.01.01S-01
Report Number: IRL1275

Sampled: 12/11/08
Received: 12/11/08

Certification Summary

Method	Matrix	Relac	California
EPA 8260B	Water	X	
None	Water		X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine
Patty Mata
Project Manager

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CHAIN OF CUSTODY FORM

17461 Delran Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3287
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
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Page 1 of 1

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Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

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CS