

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Portland  
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Tel: (503) 906-9200

TestAmerica Job ID: PUB0691

TestAmerica Sample Delivery Group: PUB0691  
Client Project/Site: RC-216/PO# TERM010972  
Client Project Description: Newberg Sub

For:

PGE-Environmental Sciences (RC841)  
121 SW Salmon St. 3WTCBR05  
Portland, OR 97204

Attn: Tom Stodd



Authorized for release by:  
2/25/2011 4:16 PM

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Industrial Services Manager  
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## Sample Summary

Client: PGE-Environmental Sciences (RC841)  
Project/Site: RC-216/PO# TERM010972

TestAmerica Job ID: PUB0691

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
PUB0691-01	Park-Roof	Wipe	02/20/11 15:00	02/22/11 18:10
PUB0691-02	Park-Slide	Wipe	02/20/11 15:10	02/22/11 18:10
PUB0691-03	Swab 1	Wipe	02/22/11 16:30	02/22/11 18:10
PUB0691-04	Swab 2	Wipe	02/22/11 16:35	02/22/11 18:10
PUB0691-05	Swab 3	Wipe	02/22/11 16:35	02/22/11 18:10
PUB0691-06	Swab 4	Wipe	02/22/11 16:40	02/22/11 18:10
PUB0691-07	Swab 5	Wipe	02/22/11 16:40	02/22/11 18:10
PUB0691-08	Swab 6	Wipe	02/22/11 16:45	02/22/11 18:10
PUB0691-09	Swab 7	Wipe	02/22/11 16:45	02/22/11 18:10
PUB0691-10	Soil 8	Soil	02/22/11 16:50	02/22/11 18:10
PUB0691-11	Soil 9	Soil	02/22/11 16:52	02/22/11 18:10
PUB0691-12	Soil 10	Soil	02/22/11 16:55	02/22/11 18:10
PUB0691-13	Tree 11	Soil	02/22/11 16:56	02/22/11 18:10
PUB0691-14	Tree 12	Soil	02/22/11 16:57	02/22/11 18:10

## Qualifier Definition/Glossary

Client: PGE-Environmental Sciences (RC841)  
Project/Site: RC-216/PO# TERM010972

TestAmerica Job ID: PUB0691  
SDG: PUB0691

### Glossary

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

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# Analytical Data

Client: PGE-Environmental Sciences (RC841)  
Project/Site: RC-216/PO# TERM010972

TestAmerica Job ID: PUB0691  
SDG: PUB0691

**Client Sample ID: Park-Roof**

**Date Collected: 02/20/11 15:00**

**Date Received: 02/22/11 18:10**

**Lab Sample ID: PUB0691-01**

**Matrix: Wipe**

**Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 10:40	1.00
Aroclor 1221	ND		4.00		ug/Sample		02/23/11 09:22	02/23/11 10:40	1.00
Aroclor 1232	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 10:40	1.00
Aroclor 1242	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 10:40	1.00
Aroclor 1248	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 10:40	1.00
Aroclor 1254	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 10:40	1.00
Aroclor 1260	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 10:40	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	84.2		48 - 150	02/23/11 09:22	02/23/11 10:40	1.00

**Client Sample ID: Park-Slide**

**Date Collected: 02/20/11 15:10**

**Date Received: 02/22/11 18:10**

**Lab Sample ID: PUB0691-02**

**Matrix: Wipe**

**Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:03	1.00
Aroclor 1221	ND		4.00		ug/Sample		02/23/11 09:22	02/23/11 11:03	1.00
Aroclor 1232	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:03	1.00
Aroclor 1242	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:03	1.00
Aroclor 1248	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:03	1.00
Aroclor 1254	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:03	1.00
Aroclor 1260	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:03	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	87.7		48 - 150	02/23/11 09:22	02/23/11 11:03	1.00

**Client Sample ID: Swab 1**

**Date Collected: 02/22/11 16:30**

**Date Received: 02/22/11 18:10**

**Lab Sample ID: PUB0691-03**

**Matrix: Wipe**

**Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:25	1.00
Aroclor 1221	ND		4.00		ug/Sample		02/23/11 09:22	02/23/11 11:25	1.00
Aroclor 1232	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:25	1.00
Aroclor 1242	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:25	1.00
Aroclor 1248	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:25	1.00
Aroclor 1254	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:25	1.00
Aroclor 1260	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:25	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	92.5		48 - 150	02/23/11 09:22	02/23/11 11:25	1.00

# Analytical Data

Client: PGE-Environmental Sciences (RC841)  
Project/Site: RC-216/PO# TERM010972

TestAmerica Job ID: PUB0691  
SDG: PUB0691

**Client Sample ID: Swab 2**

**Date Collected: 02/22/11 16:35**

**Date Received: 02/22/11 18:10**

**Lab Sample ID: PUB0691-04**

**Matrix: Wipe**

**Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:48	1.00
Aroclor 1221	ND		4.00		ug/Sample		02/23/11 09:22	02/23/11 11:48	1.00
Aroclor 1232	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:48	1.00
Aroclor 1242	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:48	1.00
Aroclor 1248	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:48	1.00
Aroclor 1254	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:48	1.00
Aroclor 1260	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 11:48	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	90.8		48 - 150	02/23/11 09:22	02/23/11 11:48	1.00

**Client Sample ID: Swab 3**

**Date Collected: 02/22/11 16:35**

**Date Received: 02/22/11 18:10**

**Lab Sample ID: PUB0691-05**

**Matrix: Wipe**

**Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:11	1.00
Aroclor 1221	ND		4.00		ug/Sample		02/23/11 09:22	02/23/11 12:11	1.00
Aroclor 1232	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:11	1.00
Aroclor 1242	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:11	1.00
Aroclor 1248	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:11	1.00
Aroclor 1254	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:11	1.00
Aroclor 1260	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:11	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	87.4		48 - 150	02/23/11 09:22	02/23/11 12:11	1.00

**Client Sample ID: Swab 4**

**Date Collected: 02/22/11 16:40**

**Date Received: 02/22/11 18:10**

**Lab Sample ID: PUB0691-06**

**Matrix: Wipe**

**Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:34	1.00
Aroclor 1221	ND		4.00		ug/Sample		02/23/11 09:22	02/23/11 12:34	1.00
Aroclor 1232	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:34	1.00
Aroclor 1242	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:34	1.00
Aroclor 1248	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:34	1.00
Aroclor 1254	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:34	1.00
Aroclor 1260	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:34	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	89.5		48 - 150	02/23/11 09:22	02/23/11 12:34	1.00

# Analytical Data

Client: PGE-Environmental Sciences (RC841)  
Project/Site: RC-216/PO# TERM010972

TestAmerica Job ID: PUB0691  
SDG: PUB0691

**Client Sample ID: Swab 5**

**Date Collected: 02/22/11 16:40**

**Date Received: 02/22/11 18:10**

**Lab Sample ID: PUB0691-07**

**Matrix: Wipe**

**Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:57	1.00
Aroclor 1221	ND		4.00		ug/Sample		02/23/11 09:22	02/23/11 12:57	1.00
Aroclor 1232	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:57	1.00
Aroclor 1242	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:57	1.00
Aroclor 1248	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:57	1.00
Aroclor 1254	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:57	1.00
Aroclor 1260	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 12:57	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	87.0		48 - 150	02/23/11 09:22	02/23/11 12:57	1.00

**Client Sample ID: Swab 6**

**Date Collected: 02/22/11 16:45**

**Date Received: 02/22/11 18:10**

**Lab Sample ID: PUB0691-08**

**Matrix: Wipe**

**Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 13:20	1.00
Aroclor 1221	ND		4.00		ug/Sample		02/23/11 09:22	02/23/11 13:20	1.00
Aroclor 1232	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 13:20	1.00
Aroclor 1242	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 13:20	1.00
Aroclor 1248	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 13:20	1.00
Aroclor 1254	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 13:20	1.00
Aroclor 1260	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 13:20	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	90.8		48 - 150	02/23/11 09:22	02/23/11 13:20	1.00

**Client Sample ID: Swab 7**

**Date Collected: 02/22/11 16:45**

**Date Received: 02/22/11 18:10**

**Lab Sample ID: PUB0691-09**

**Matrix: Wipe**

**Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 13:42	1.00
Aroclor 1221	ND		4.00		ug/Sample		02/23/11 09:22	02/23/11 13:42	1.00
Aroclor 1232	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 13:42	1.00
Aroclor 1242	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 13:42	1.00
Aroclor 1248	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 13:42	1.00
Aroclor 1254	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 13:42	1.00
Aroclor 1260	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 13:42	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	90.6		48 - 150	02/23/11 09:22	02/23/11 13:42	1.00

# Analytical Data

Client: PGE-Environmental Sciences (RC841)  
Project/Site: RC-216/PO# TERM010972

TestAmerica Job ID: PUB0691  
SDG: PUB0691

**Client Sample ID: Soil 8**

**Date Collected: 02/22/11 16:50**

**Date Received: 02/22/11 18:10**

**Lab Sample ID: PUB0691-10**

**Matrix: Soil**

**Percent Solids: 60.7**

**Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.0548		mg/kg dry	☼	02/23/11 10:34	02/25/11 03:15	1.00
Aroclor 1221	ND		0.110		mg/kg dry	☼	02/23/11 10:34	02/25/11 03:15	1.00
Aroclor 1232	ND		0.0548		mg/kg dry	☼	02/23/11 10:34	02/25/11 03:15	1.00
Aroclor 1242	ND		0.0548		mg/kg dry	☼	02/23/11 10:34	02/25/11 03:15	1.00
Aroclor 1248	ND		0.0548		mg/kg dry	☼	02/23/11 10:34	02/25/11 03:15	1.00
Aroclor 1254	ND		0.0548		mg/kg dry	☼	02/23/11 10:34	02/25/11 03:15	1.00
Aroclor 1260	ND		0.0548		mg/kg dry	☼	02/23/11 10:34	02/25/11 03:15	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	88.8		16 - 149	02/23/11 10:34	02/25/11 03:15	1.00

**Method: ASTM D2216-80 - Percent Dry Weight (Solids) per ASTM D2216-80**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Solids	60.7		0.0100		% by Weight		02/24/11 11:34	02/25/11 07:30	1.00

**Client Sample ID: Soil 9**

**Date Collected: 02/22/11 16:52**

**Date Received: 02/22/11 18:10**

**Lab Sample ID: PUB0691-11**

**Matrix: Soil**

**Percent Solids: 72.8**

**Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.0453		mg/kg dry	☼	02/23/11 10:34	02/25/11 03:43	1.00
Aroclor 1221	ND		0.0912		mg/kg dry	☼	02/23/11 10:34	02/25/11 03:43	1.00
Aroclor 1232	ND		0.0453		mg/kg dry	☼	02/23/11 10:34	02/25/11 03:43	1.00
Aroclor 1242	ND		0.0453		mg/kg dry	☼	02/23/11 10:34	02/25/11 03:43	1.00
Aroclor 1248	ND		0.0453		mg/kg dry	☼	02/23/11 10:34	02/25/11 03:43	1.00
Aroclor 1254	ND		0.0453		mg/kg dry	☼	02/23/11 10:34	02/25/11 03:43	1.00
Aroclor 1260	ND		0.0453		mg/kg dry	☼	02/23/11 10:34	02/25/11 03:43	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	87.8		16 - 149	02/23/11 10:34	02/25/11 03:43	1.00

**Method: ASTM D2216-80 - Percent Dry Weight (Solids) per ASTM D2216-80**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Solids	72.8		0.0100		% by Weight		02/24/11 11:34	02/25/11 07:30	1.00

**Client Sample ID: Soil 10**

**Date Collected: 02/22/11 16:55**

**Date Received: 02/22/11 18:10**

**Lab Sample ID: PUB0691-12**

**Matrix: Soil**

**Percent Solids: 67.9**

**Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.0489		mg/kg dry	☼	02/23/11 10:34	02/25/11 04:11	1.00
Aroclor 1221	ND		0.0984		mg/kg dry	☼	02/23/11 10:34	02/25/11 04:11	1.00
Aroclor 1232	ND		0.0489		mg/kg dry	☼	02/23/11 10:34	02/25/11 04:11	1.00
Aroclor 1242	ND		0.0489		mg/kg dry	☼	02/23/11 10:34	02/25/11 04:11	1.00
Aroclor 1248	ND		0.0489		mg/kg dry	☼	02/23/11 10:34	02/25/11 04:11	1.00
Aroclor 1254	ND		0.0489		mg/kg dry	☼	02/23/11 10:34	02/25/11 04:11	1.00
Aroclor 1260	ND		0.0489		mg/kg dry	☼	02/23/11 10:34	02/25/11 04:11	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	94.7		16 - 149	02/23/11 10:34	02/25/11 04:11	1.00

TestAmerica Portland



# Analytical Data

Client: PGE-Environmental Sciences (RC841)  
Project/Site: RC-216/PO# TERM010972

TestAmerica Job ID: PUB0691  
SDG: PUB0691

**Client Sample ID: Soil 10**

**Date Collected: 02/22/11 16:55**

**Date Received: 02/22/11 18:10**

**Lab Sample ID: PUB0691-12**

**Matrix: Soil**

**Percent Solids: 67.9**

**Method: ASTM D2216-80 - Percent Dry Weight (Solids) per ASTM D2216-80**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Solids	67.9		0.0100		% by Weight		02/24/11 11:34	02/25/11 07:30	1.00

**Client Sample ID: Tree 11**

**Date Collected: 02/22/11 16:56**

**Date Received: 02/22/11 18:10**

**Lab Sample ID: PUB0691-13**

**Matrix: Soil**

**Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.0412		mg/kg wet		02/23/11 10:34	02/24/11 21:57	1.00
Aroclor 1221	ND		0.0828		mg/kg wet		02/23/11 10:34	02/24/11 21:57	1.00
Aroclor 1232	ND		0.0412		mg/kg wet		02/23/11 10:34	02/24/11 21:57	1.00
Aroclor 1242	ND		0.0412		mg/kg wet		02/23/11 10:34	02/24/11 21:57	1.00
Aroclor 1248	ND		0.0412		mg/kg wet		02/23/11 10:34	02/24/11 21:57	1.00
Aroclor 1254	ND		0.0412		mg/kg wet		02/23/11 10:34	02/24/11 21:57	1.00
<b>Aroclor 1260</b>	<b>0.231</b>		0.0412		mg/kg wet		02/23/11 10:34	02/24/11 21:57	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	68.7		16 - 149				02/23/11 10:34	02/24/11 21:57	1.00

**Client Sample ID: Tree 12**

**Date Collected: 02/22/11 16:57**

**Date Received: 02/22/11 18:10**

**Lab Sample ID: PUB0691-14**

**Matrix: Soil**

**Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.0437		mg/kg wet		02/23/11 10:34	02/24/11 22:25	1.00
Aroclor 1221	ND		0.0880		mg/kg wet		02/23/11 10:34	02/24/11 22:25	1.00
Aroclor 1232	ND		0.0437		mg/kg wet		02/23/11 10:34	02/24/11 22:25	1.00
Aroclor 1242	ND		0.0437		mg/kg wet		02/23/11 10:34	02/24/11 22:25	1.00
Aroclor 1248	ND		0.0437		mg/kg wet		02/23/11 10:34	02/24/11 22:25	1.00
Aroclor 1254	ND		0.0437		mg/kg wet		02/23/11 10:34	02/24/11 22:25	1.00
<b>Aroclor 1260</b>	<b>0.170</b>		0.0437		mg/kg wet		02/23/11 10:34	02/24/11 22:25	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	74.0		16 - 149				02/23/11 10:34	02/24/11 22:25	1.00

# Quality Control Data

Client: PGE-Environmental Sciences (RC841)  
Project/Site: RC-216/PO# TERM010972

TestAmerica Job ID: PUB0691  
SDG: PUB0691

## Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082

Lab Sample ID: 11B0633-BLK1

Matrix: Wipe

Analysis Batch: 11B0633

Client Sample ID: 11B0633-BLK1

Prep Type: total

Prep Batch: 11B0633\_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 14:50	1.00
Aroclor 1221	ND		4.00		ug/Sample		02/23/11 09:22	02/23/11 14:50	1.00
Aroclor 1232	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 14:50	1.00
Aroclor 1242	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 14:50	1.00
Aroclor 1248	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 14:50	1.00
Aroclor 1254	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 14:50	1.00
Aroclor 1260	ND		2.00		ug/Sample		02/23/11 09:22	02/23/11 14:50	1.00

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	98.3		48 - 150	02/23/11 09:22	02/23/11 14:50	1.00

Lab Sample ID: 11B0633-BS1

Matrix: Wipe

Analysis Batch: 11B0633

Client Sample ID: 11B0633-BS1

Prep Type: total

Prep Batch: 11B0633\_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	Limits
Aroclor 1016	20.0	18.8		ug/Sample		93.9	70 - 146
Aroclor 1260	20.0	19.6		ug/Sample		98.0	63 - 155

Surrogate	LCS % Recovery	LCS Qualifier	Limits
Decachlorobiphenyl	100		48 - 150

Lab Sample ID: 11B0633-BSD1

Matrix: Wipe

Analysis Batch: 11B0633

Client Sample ID: 11B0633-BSD1

Prep Type: total

Prep Batch: 11B0633\_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	% Rec	Limits	RPD	Limit
Aroclor 1016	20.0	18.7		ug/Sample		93.7	70 - 146	0.27	27
Aroclor 1260	20.0	19.8		ug/Sample		98.8	63 - 155	0.81	33

Surrogate	LCS Dup % Recovery	LCS Dup Qualifier	Limits
Decachlorobiphenyl	101		48 - 150

Lab Sample ID: 11B0648-BLK1

Matrix: Soil

Analysis Batch: 11B0648

Client Sample ID: 11B0648-BLK1

Prep Type: total

Prep Batch: 11B0648\_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.0331		mg/kg wet		02/23/11 10:34	02/24/11 22:53	1.00
Aroclor 1221	ND		0.0666		mg/kg wet		02/23/11 10:34	02/24/11 22:53	1.00
Aroclor 1232	ND		0.0331		mg/kg wet		02/23/11 10:34	02/24/11 22:53	1.00
Aroclor 1242	ND		0.0331		mg/kg wet		02/23/11 10:34	02/24/11 22:53	1.00
Aroclor 1248	ND		0.0331		mg/kg wet		02/23/11 10:34	02/24/11 22:53	1.00
Aroclor 1254	ND		0.0331		mg/kg wet		02/23/11 10:34	02/24/11 22:53	1.00
Aroclor 1260	ND		0.0331		mg/kg wet		02/23/11 10:34	02/24/11 22:53	1.00

TestAmerica Portland

# Quality Control Data

Client: PGE-Environmental Sciences (RC841)  
Project/Site: RC-216/PO# TERM010972

TestAmerica Job ID: PUB0691  
SDG: PUB0691

## Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082 (Continued)

Lab Sample ID: 11B0648-BLK1

Matrix: Soil

Analysis Batch: 11B0648

Client Sample ID: 11B0648-BLK1

Prep Type: total

Prep Batch: 11B0648\_P

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	103		16 - 149	02/23/11 10:34	02/24/11 22:53	1.00

Lab Sample ID: 11B0648-BLK2

Matrix: Soil

Analysis Batch: 11B0648

Client Sample ID: 11B0648-BLK2

Prep Type: total

Prep Batch: 11B0648\_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.0331		mg/kg wet		02/23/11 10:34	02/24/11 21:11	1.00
Aroclor 1221	ND		0.0666		mg/kg wet		02/23/11 10:34	02/24/11 21:11	1.00
Aroclor 1232	ND		0.0331		mg/kg wet		02/23/11 10:34	02/24/11 21:11	1.00
Aroclor 1242	ND		0.0331		mg/kg wet		02/23/11 10:34	02/24/11 21:11	1.00
Aroclor 1248	ND		0.0331		mg/kg wet		02/23/11 10:34	02/24/11 21:11	1.00
Aroclor 1254	ND		0.0331		mg/kg wet		02/23/11 10:34	02/24/11 21:11	1.00
Aroclor 1260	ND		0.0331		mg/kg wet		02/23/11 10:34	02/24/11 21:11	1.00

  

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	97.9		16 - 149	02/23/11 10:34	02/24/11 21:11	1.00

Lab Sample ID: 11B0648-BS1

Matrix: Soil

Analysis Batch: 11B0648

Client Sample ID: 11B0648-BS1

Prep Type: total

Prep Batch: 11B0648\_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Aroclor 1016	0.331	0.321		mg/kg wet		96.7	57 - 135
Aroclor 1260	0.331	0.328		mg/kg wet		99.0	60 - 135

  

Surrogate	LCS % Recovery	LCS Qualifier	Limits
Decachlorobiphenyl	106		16 - 149

Lab Sample ID: 11B0648-BS2

Matrix: Soil

Analysis Batch: 11B0648

Client Sample ID: 11B0648-BS2

Prep Type: total

Prep Batch: 11B0648\_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Aroclor 1016	0.331	0.301		mg/kg wet		90.7	57 - 135
Aroclor 1260	0.331	0.317		mg/kg wet		95.7	60 - 135

  

Surrogate	LCS % Recovery	LCS Qualifier	Limits
Decachlorobiphenyl	104		16 - 149

Lab Sample ID: 11B0648-MS1

Matrix: Soil

Analysis Batch: 11B0648

Client Sample ID: Soil 8

Prep Type: total

Prep Batch: 11B0648\_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
Aroclor 1016	ND		0.549	0.522		mg/kg dry	☼	95.1	37 - 145
Aroclor 1260	ND		0.549	0.507		mg/kg dry	☼	92.4	25 - 144

TestAmerica Portland

# Quality Control Data

Client: PGE-Environmental Sciences (RC841)  
Project/Site: RC-216/PO# TERM010972

TestAmerica Job ID: PUB0691  
SDG: PUB0691

## Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082 (Continued)

Lab Sample ID: 11B0648-MS1

Matrix: Soil

Analysis Batch: 11B0648

Client Sample ID: Soil 8

Prep Type: total

Prep Batch: 11B0648\_P

Surrogate	Matrix Spike % Recovery	Matrix Spike Qualifier	Limits
Decachlorobiphenyl	110		16 - 149

Lab Sample ID: 11B0648-MSD1

Matrix: Soil

Analysis Batch: 11B0648

Client Sample ID: Soil 8

Prep Type: total

Prep Batch: 11B0648\_P

	Sample	Sample	Spike	Matrix Spike Dup	Matrix Spike Dup				% Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	% Rec	Limits	RPD	Limit
Aroclor 1016	ND		0.548	0.492		mg/kg dry	☼	89.8	37 - 145	5.90	26
Aroclor 1260	ND		0.548	0.483		mg/kg dry	☼	88.2	25 - 144	4.82	30

## Method: ASTM D2216-80 - Percent Dry Weight (Solids) per ASTM D2216-80

Lab Sample ID: 11B0685-DUP1

Matrix: Soil

Analysis Batch: 11B0685

Client Sample ID: PUB0624-06

Prep Type: total

Prep Batch: 11B0685\_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
% Solids	84.6		84.8		% by Weight		0.24 9	20

Lab Sample ID: 11B0685-DUP2

Matrix: Soil

Analysis Batch: 11B0685

Client Sample ID: PUB0624-08

Prep Type: total

Prep Batch: 11B0685\_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
% Solids	84.2		84.1		% by Weight		0.16 7	20

## Certification Summary

Client: PGE-Environmental Sciences (RC841)  
Project/Site: RC-216/PO# TERM010972

TestAmerica Job ID: PUB0691  
SDG: PUB0691

Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica Portland		USDA		P330-07-XXXXXX	02/17/14
TestAmerica Portland	Alaska	Alaska UST	10	UST-012	12/26/10
TestAmerica Portland	Alaska	State Program	10	OR00040	04/21/11
TestAmerica Portland	California	State Program	9	2597	09/30/11
TestAmerica Portland	Oregon	NELAC	10	OR100021	01/09/12
TestAmerica Portland	Washington	State Program	10	C586	06/23/11

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

\* Any expired certifications in this list are currently pending renewal and are considered valid.

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244  
 11922 E. First Ave, Spokane, WA 99206-5302  
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145  
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210  
 509-924-9200 FAX 924-9290  
 503-906-9200 FAX 906-9210  
 907-563-9200 FAX 563-9210

## CHAIN OF CUSTODY REPORT

Work Order #: **980691**

CLIENT: <b>PGE</b>		INVOICE TO: <b>PGE</b>		TURNAROUND REQUEST in Business Days *	
REPORT TO: <b>Tom Stodd Salmon</b>		PRESERVATIVE		Organic & Inorganic Analyses	
ADDRESS: <b>121 SW <del>1st</del> St, Portland OR 97204</b>		P.O. NUMBER:		Petroleum Hydrocarbon Analyses	
PHONE: <b>503 464 8528</b> FAX: <b>503 464 8527</b>				STD. <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1	
PROJECT NAME: <b>Newberg Oil Spill</b>				STD. <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1	
PROJECT NUMBER:				OTHER <input type="checkbox"/> Specify: <b>as possible</b>	
SAMPLED BY: <b>Tom Stodd</b>				* Turnaround Request: less than standard may incur Rush Charges.	
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1. Part - Roof	02-20-11 / 3:00 PM	O	1	Swab	
2. Part - Slide	02-20-11 / 3:10 PM	O	1	Swab	
3. Swab 1	02-22-11 / 4:30 PM	"	1	"	
4. Swab 2	02-22-11 / 4:35 PM	"	1	"	
5. Swab 3	02-22-11 / 4:35 PM	"	1	"	
6. Swab 4	02-22-11 / 4:40 PM	"	1	"	
7. Swab 5	02-22-11 / 4:40 PM	"	1	"	
8. Swab 6	02-22-11 / 4:45 PM	"	1	"	
9. Swab 7	02-22-11 / 4:45 PM	"	1	"	
10					

RECEIVED BY: **Brian Core**

DATE: **02-22-11**  
 TIME: **06:10 PM**

PRINT NAME: **Brian Core**  
 FIRM: **TA-P**

RECEIVED BY: **Tom Stodd**

DATE: **02-22-11**  
 TIME: **06:10 PM**

PRINT NAME: **Tom Stodd**  
 FIRM: **PGE**

TEMP: <b>170</b>	PAGE <b>170</b> OF <b>1810</b>
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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244  
 11922 E. First Ave, Spokane, WA 99206-5302  
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145  
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210  
 509-924-9200 FAX 924-9290  
 503-906-9200 FAX 906-9210  
 907-563-9200 FAX 563-9210

## CHAIN OF CUSTODY REPORT

Work Order #: **PUB0091**

CLIENT: <b>P6E</b>		INVOICE TO:		TURNAROUND REQUEST	
REPORT TO: <b>Tom Stodd</b>				in Business Days *	
ADDRESS: <b>121 SW Salmon Street, Portland OR</b>				Organic & Inorganic Analyses	
PHONE: <b>464-8528</b> FAX: <b>464-8527</b>				Petroleum Hydrocarbon Analyses	
PROJECT NAME: <b>Newberg Oil Spill</b>				STD: <b>10 7 5 4 3 2 1 &lt;1</b>	
PROJECT NUMBER:				As soon	
SAMPLED BY: <b>Tom Stodd</b>				OTHER Specify:	
CLIENT SAMPLE IDENTIFICATION		SAMPLING DATE/TIME		MATRIX (W, S, O)	
1 Soil 8		02-22-11 / 04:56 PM		S 1	
2 Soil 9		02-22-11 / 04:57 PM		S 1	
3 Soil 10		02-22-11 / 04:55 PM		S 1	
4 Tree 11		02-22-11 / 04:56 PM		S 1 * Tree Sample	
5 Tree 12		02-22-11 / 04:57 PM		S 1	
6					
7					
8					
9					
10					
RELEASED BY: <b>Tom Stodd</b>		DATE: <b>02-22-11</b>		RECEIVED BY: <b>Brian Core</b>	
PRINT NAME: <b>Tom Stodd</b>		TIME: <b>06:10 PM</b>		FIRM: <b>TA-P</b>	
DATE: <b>02-22-11</b>		TIME: <b>06:10 PM</b>		DATE: <b>2-22-11</b>	
FIRM: <b>P6E</b>		FIRM: <b>TA-P</b>		TIME: <b>1810</b>	
RECEIVED BY:		DATE:		DATE:	
PRINT NAME:		TIME:		TIME:	
FIRM:		FIRM:		FIRM:	
ADDITIONAL REMARKS:		TEMP: <b>136</b>		PAGE <b>17-0</b> OF	



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## Portland Sample Control Checklist

Work Order #: PUB0691 Date/Time Received: 2/22/11 1810  
Client Name: PGE  
Project Name: Newberg  
Time Zone: ☐ EDT/EST ☐ CDT/CST ☐ MDT/MST ☒ PDT/PST ☐ AK ☐ HI ☐ OTHER

### Unpacking Checks:

Cooler (s): 170  
Temperature (s): 170

Digi #1 ☐ Digi #2 ☐ IR Gun ☒ ( ☐ Plastic ☒ Glass )

Raytek ☐ ( ☐ Plastic ☐ Glass )

Ice used: (circle one) GEL LOOSE BLUE NONE OTHER: \_\_\_\_\_ Initials: dm

### Temperature out of Range:

☒ Not enough or No Ice  
☐ Ice Melted  
☐ W/in 4 Hrs of collection  
☐ Ice Not Needed  
☐ Other: \_\_\_\_\_

N/A Yes No

- ☒ ☐ ☐ 1. If ESI client, were temp blanks received? If no, document on NOD.
- ☒ ☐ ☐ 2. Cooler Seals intact? (N/A if hand delivered) if no and ESI client, document on NOD.
- ☒ ☐ ☐ 3. Chain of Custody present? If no, document on NOD. Along with "received by" & "relinquished by" signatures with date & time?
- ☒ ☐ ☐ 4. Bottles received intact? If no, document on NOD.
- ☒ ☐ ☐ 5. Sample is not multiphasic? If no, document on NOD.
- ☒ ☐ ☐ 6. Sampler name/signature documented on COC?
- ☒ ☐ ☐ 7. Proper Container and preservatives used? If no, document on NOD.
- ☒ ☐ ☐ 8. pH of all samples checked and meet requirements? If no, document on NOD.
- ☒ ☐ ☐ 9. Cyanide samples checked for sulfides and meet requirements? If no, notify PM.
- ☒ ☐ ☐ 10. HF Dilution required?
- ☒ ☐ ☐ 11. Sufficient volume provided for all analysis and requested MS/MSD? If no, document on NOD and consult PM before proceeding.
- ☒ ☐ ☐ 12. Did chain of custody agree with samples received? If no, document on NOD.
- ☒ ☐ ☐ 13. Were VOA samples received without headspace?
- ☐ ☒ ☐ 14. Did samples require preservation with sodium thiosulfate?
- ☒ ☐ ☐ 15. If yes to #14, was the residual chlorine test negative? If no, document on NOD.
- ☒ ☐ ☐ 16. Are dissolved/field filtered metals bottles sediment-free? If no, document on NOD.
- ☒ ☐ ☐ 17. Are analyses with short holding times received in hold?
- ☐ ☒ ☐ 18. Were special log- in instructions read and followed?

Checklist Reviewed: \_\_\_\_\_ Log-in initials: dm Labeler initials: dm