

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Portland
9405 SW Nimbus Ave.
Beaverton, OR 97008
Tel: (503) 906-9200

TestAmerica Job ID: PUC0061

Client Project/Site: RC216/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:
03/07/2011 04:14:20 PM

Brian Cone
Industrial Services Manager
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Sample Summary

Client: PGE-Environmental Sciences (RC841)
Project/Site: RC216/PO#TERM010972

TestAmerica Job ID: PUC0061

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
PUC0061-01	SS # 01	Soil	03/02/11 08:45	03/02/11 10:10
PUC0061-02	SS # 02	Soil	03/02/11 08:46	03/02/11 10:10
PUC0061-03	SS # 03	Soil	03/02/11 08:50	03/02/11 10:10
PUC0061-04	SS # 04	Soil	03/02/11 08:51	03/02/11 10:10
PUC0061-05	SS # 05	Soil	03/02/11 08:55	03/02/11 10:10
PUC0061-06	SS # 06	Soil	03/02/11 09:00	03/02/11 10:10
PUC0061-07	SS # 07	Soil	03/02/11 09:05	03/02/11 10:10
PUC0061-08	SS # 08	Soil	03/02/11 09:10	03/02/11 10:10

Qualifier Definition/Glossary

Client: PGE-Environmental Sciences (RC841)
Project/Site: RC216/PO#TERM010972

TestAmerica Job ID: PUC0061

Qualifiers

Semivolatiles

Qualifier	Qualifier Description
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C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
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Glossary

Glossary	Glossary Description
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☼	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: RC216/PO#TERM010972

TestAmerica Job ID: PUC0061

Client Sample ID: SS # 01

Date Collected: 03/02/11 08:45

Date Received: 03/02/11 10:10

Sampler Name:

Lab Sample ID: PUC0061-01

Matrix: Soil

Percent Solids: 78.6

Sampler Phone Number: (503) 464-8528

Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.0423		mg/kg dry	☼	03/02/11 12:48	03/03/11 13:36	1.00
Aroclor 1221	ND		0.0851		mg/kg dry	☼	03/02/11 12:48	03/03/11 13:36	1.00
Aroclor 1232	ND		0.0423		mg/kg dry	☼	03/02/11 12:48	03/03/11 13:36	1.00
Aroclor 1242	ND		0.0423		mg/kg dry	☼	03/02/11 12:48	03/03/11 13:36	1.00
Aroclor 1248	ND		0.0423		mg/kg dry	☼	03/02/11 12:48	03/03/11 13:36	1.00
Aroclor 1254	ND		0.0423		mg/kg dry	☼	03/02/11 12:48	03/03/11 13:36	1.00
Aroclor 1260	ND		0.0423		mg/kg dry	☼	03/02/11 12:48	03/03/11 13:36	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	95.6		16 - 149	03/02/11 12:48	03/03/11 13:36	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	78.6		0.0100		% by Weight		03/03/11 15:45	03/04/11 10:45	1.00

Client Sample ID: SS # 02

Date Collected: 03/02/11 08:46

Date Received: 03/02/11 10:10

Sampler Name:

Lab Sample ID: PUC0061-02

Matrix: Soil

Percent Solids: 77.4

Sampler Phone Number: (503) 464-8528

Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND	C	0.0430		mg/kg dry	☼	03/02/11 12:48	03/03/11 13:58	1.00
Aroclor 1221	ND	C	0.0865		mg/kg dry	☼	03/02/11 12:48	03/03/11 13:58	1.00
Aroclor 1232	ND	C	0.0430		mg/kg dry	☼	03/02/11 12:48	03/03/11 13:58	1.00
Aroclor 1242	ND	C	0.0430		mg/kg dry	☼	03/02/11 12:48	03/03/11 13:58	1.00
Aroclor 1248	ND	C	0.0430		mg/kg dry	☼	03/02/11 12:48	03/03/11 13:58	1.00
Aroclor 1254	ND	C	0.0430		mg/kg dry	☼	03/02/11 12:48	03/03/11 13:58	1.00
Aroclor 1260	ND	C	0.0430		mg/kg dry	☼	03/02/11 12:48	03/03/11 13:58	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	110		16 - 149	03/02/11 12:48	03/03/11 13:58	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	77.4		0.0100		% by Weight		03/03/11 15:45	03/04/11 10:45	1.00

Client Sample ID: SS # 03

Date Collected: 03/02/11 08:50

Date Received: 03/02/11 10:10

Sampler Name:

Lab Sample ID: PUC0061-03

Matrix: Soil

Percent Solids: 82.9

Sampler Phone Number: (503) 464-8528

Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND	C	0.0402		mg/kg dry	☼	03/02/11 12:48	03/03/11 14:21	1.00
Aroclor 1221	ND	C	0.0808		mg/kg dry	☼	03/02/11 12:48	03/03/11 14:21	1.00
Aroclor 1232	ND	C	0.0402		mg/kg dry	☼	03/02/11 12:48	03/03/11 14:21	1.00
Aroclor 1242	ND	C	0.0402		mg/kg dry	☼	03/02/11 12:48	03/03/11 14:21	1.00
Aroclor 1248	ND	C	0.0402		mg/kg dry	☼	03/02/11 12:48	03/03/11 14:21	1.00
Aroclor 1254	ND	C	0.0402		mg/kg dry	☼	03/02/11 12:48	03/03/11 14:21	1.00

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Analytical Data

Client: PGE-Environmental Sciences (RC841)
Project/Site: RC216/PO#TERM010972

TestAmerica Job ID: PUC0061

Client Sample ID: SS # 03

Date Collected: 03/02/11 08:50

Date Received: 03/02/11 10:10

Sampler Name:

Lab Sample ID: PUC0061-03

Matrix: Soil

Percent Solids: 82.9

Sampler Phone Number: (503) 464-8528

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1260	ND	C	0.0402		mg/kg dry	☼	03/02/11 12:48	03/03/11 14:21	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	116		16 - 149				03/02/11 12:48	03/03/11 14:21	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	82.9		0.0100		% by Weight		03/03/11 15:45	03/04/11 10:45	1.00

Client Sample ID: SS # 04

Date Collected: 03/02/11 08:51

Date Received: 03/02/11 10:10

Sampler Name:

Lab Sample ID: PUC0061-04

Matrix: Soil

Percent Solids: 76.4

Sampler Phone Number: (503) 464-8528

Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND	C	0.0433		mg/kg dry	☼	03/02/11 12:48	03/03/11 14:44	1.00
Aroclor 1221	ND	C	0.0871		mg/kg dry	☼	03/02/11 12:48	03/03/11 14:44	1.00
Aroclor 1232	ND	C	0.0433		mg/kg dry	☼	03/02/11 12:48	03/03/11 14:44	1.00
Aroclor 1242	ND	C	0.0433		mg/kg dry	☼	03/02/11 12:48	03/03/11 14:44	1.00
Aroclor 1248	ND	C	0.0433		mg/kg dry	☼	03/02/11 12:48	03/03/11 14:44	1.00
Aroclor 1254	ND	C	0.0433		mg/kg dry	☼	03/02/11 12:48	03/03/11 14:44	1.00
Aroclor 1260	ND	C	0.0433		mg/kg dry	☼	03/02/11 12:48	03/03/11 14:44	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	113		16 - 149				03/02/11 12:48	03/03/11 14:44	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	76.4		0.0100		% by Weight		03/03/11 15:45	03/04/11 10:45	1.00

Client Sample ID: SS # 05

Date Collected: 03/02/11 08:55

Date Received: 03/02/11 10:10

Sampler Name:

Lab Sample ID: PUC0061-05

Matrix: Soil

Percent Solids: 95.1

Sampler Phone Number: (503) 464-8528

Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND	C	0.0348		mg/kg dry	☼	03/02/11 12:48	03/03/11 15:09	1.00
Aroclor 1221	ND	C	0.0700		mg/kg dry	☼	03/02/11 12:48	03/03/11 15:09	1.00
Aroclor 1232	ND	C	0.0348		mg/kg dry	☼	03/02/11 12:48	03/03/11 15:09	1.00
Aroclor 1242	ND	C	0.0348		mg/kg dry	☼	03/02/11 12:48	03/03/11 15:09	1.00
Aroclor 1248	ND	C	0.0348		mg/kg dry	☼	03/02/11 12:48	03/03/11 15:09	1.00
Aroclor 1254	ND	C	0.0348		mg/kg dry	☼	03/02/11 12:48	03/03/11 15:09	1.00
Aroclor 1260	ND	C	0.0348		mg/kg dry	☼	03/02/11 12:48	03/03/11 15:09	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	106		16 - 149				03/02/11 12:48	03/03/11 15:09	1.00

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Analytical Data

Client: PGE-Environmental Sciences (RC841)
Project/Site: RC216/PO#TERM010972

TestAmerica Job ID: PUC0061

Client Sample ID: SS # 05

Date Collected: 03/02/11 08:55

Date Received: 03/02/11 10:10

Sampler Name:

Lab Sample ID: PUC0061-05

Matrix: Soil

Percent Solids: 95.1

Sampler Phone Number: (503) 464-8528

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Solids	95.1		0.0100		% by Weight		03/03/11 15:45	03/04/11 10:45	1.00

Client Sample ID: SS # 06

Date Collected: 03/02/11 09:00

Date Received: 03/02/11 10:10

Sampler Name:

Lab Sample ID: PUC0061-06

Matrix: Soil

Percent Solids: 93.8

Sampler Phone Number: (503) 464-8528

Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.0353		mg/kg dry	☼	03/02/11 12:48	03/03/11 15:09	1.00
Aroclor 1221	ND		0.0711		mg/kg dry	☼	03/02/11 12:48	03/03/11 15:09	1.00
Aroclor 1232	ND		0.0353		mg/kg dry	☼	03/02/11 12:48	03/03/11 15:09	1.00
Aroclor 1242	ND		0.0353		mg/kg dry	☼	03/02/11 12:48	03/03/11 15:09	1.00
Aroclor 1248	ND		0.0353		mg/kg dry	☼	03/02/11 12:48	03/03/11 15:09	1.00
Aroclor 1254	ND		0.0353		mg/kg dry	☼	03/02/11 12:48	03/03/11 15:09	1.00
Aroclor 1260	ND		0.0353		mg/kg dry	☼	03/02/11 12:48	03/03/11 15:09	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	102		16 - 149				03/02/11 12:48	03/03/11 15:09	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	93.8		0.0100		% by Weight		03/03/11 15:45	03/04/11 10:45	1.00

Client Sample ID: SS # 07

Date Collected: 03/02/11 09:05

Date Received: 03/02/11 10:10

Sampler Name:

Lab Sample ID: PUC0061-07

Matrix: Soil

Percent Solids: 91.6

Sampler Phone Number: (503) 464-8528

Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND	C	0.0361		mg/kg dry	☼	03/02/11 12:48	03/03/11 16:20	1.00
Aroclor 1221	ND	C	0.0726		mg/kg dry	☼	03/02/11 12:48	03/03/11 16:20	1.00
Aroclor 1232	ND	C	0.0361		mg/kg dry	☼	03/02/11 12:48	03/03/11 16:20	1.00
Aroclor 1242	ND	C	0.0361		mg/kg dry	☼	03/02/11 12:48	03/03/11 16:20	1.00
Aroclor 1248	ND	C	0.0361		mg/kg dry	☼	03/02/11 12:48	03/03/11 16:20	1.00
Aroclor 1254	ND	C	0.0361		mg/kg dry	☼	03/02/11 12:48	03/03/11 16:20	1.00
Aroclor 1260	ND		0.0361		mg/kg dry	☼	03/02/11 12:48	03/03/11 16:20	1.00
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	97.9		16 - 149				03/02/11 12:48	03/03/11 16:20	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	91.6		0.0100		% by Weight		03/03/11 15:45	03/04/11 10:45	1.00

TestAmerica Portland

Analytical Data

Client: PGE-Environmental Sciences (RC841)
Project/Site: RC216/PO#TERM010972

TestAmerica Job ID: PUC0061

Client Sample ID: SS # 08

Lab Sample ID: PUC0061-08

Date Collected: 03/02/11 09:10

Matrix: Soil

Date Received: 03/02/11 10:10

Percent Solids: 90.5

Sampler Name:

Sampler Phone Number: (503) 464-8528

Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND	C	0.0363		mg/kg dry	☼	03/02/11 12:48	03/03/11 16:42	1.00
Aroclor 1221	ND	C	0.0730		mg/kg dry	☼	03/02/11 12:48	03/03/11 16:42	1.00
Aroclor 1232	ND	C	0.0363		mg/kg dry	☼	03/02/11 12:48	03/03/11 16:42	1.00
Aroclor 1242	ND	C	0.0363		mg/kg dry	☼	03/02/11 12:48	03/03/11 16:42	1.00
Aroclor 1248	ND	C	0.0363		mg/kg dry	☼	03/02/11 12:48	03/03/11 16:42	1.00
Aroclor 1254	ND	C	0.0363		mg/kg dry	☼	03/02/11 12:48	03/03/11 16:42	1.00
Aroclor 1260	ND		0.0363		mg/kg dry	☼	03/02/11 12:48	03/03/11 16:42	1.00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	99.2		16 - 149	03/02/11 12:48	03/03/11 16:42	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	90.5		0.0100		% by Weight		03/03/11 15:45	03/04/11 10:45	1.00

Quality Control Data

Client: PGE-Environmental Sciences (RC841)
Project/Site: RC216/PO#TERM010972

TestAmerica Job ID: PUC0061

Method: EPA 8082 - Polychlorinated Biphenyls per EPA Method 8082

Lab Sample ID: 11C0062-BLK1

Matrix: Soil

Analysis Batch: 11C0062

Client Sample ID: 11C0062-BLK1

Prep Type: total

Prep Batch: 11C0062_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND	C	0.0331		mg/kg wet		03/02/11 12:48	03/03/11 13:36	1.00
Aroclor 1221	ND	C	0.0666		mg/kg wet		03/02/11 12:48	03/03/11 13:36	1.00
Aroclor 1232	ND	C	0.0331		mg/kg wet		03/02/11 12:48	03/03/11 13:36	1.00
Aroclor 1242	ND	C	0.0331		mg/kg wet		03/02/11 12:48	03/03/11 13:36	1.00
Aroclor 1248	ND	C	0.0331		mg/kg wet		03/02/11 12:48	03/03/11 13:36	1.00
Aroclor 1254	ND	C	0.0331		mg/kg wet		03/02/11 12:48	03/03/11 13:36	1.00
Aroclor 1260	ND	C	0.0331		mg/kg wet		03/02/11 12:48	03/03/11 13:36	1.00

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	113		16 - 149	03/02/11 12:48	03/03/11 13:36	1.00

Lab Sample ID: 11C0062-BS1

Matrix: Soil

Analysis Batch: 11C0062

Client Sample ID: 11C0062-BS1

Prep Type: total

Prep Batch: 11C0062_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	Limits
Aroclor 1016	0.331	0.304		mg/kg wet		91.7	57 - 135
Aroclor 1260	0.331	0.298		mg/kg wet		90.1	60 - 135

Surrogate	LCS % Recovery	LCS Qualifier	Limits
Decachlorobiphenyl	101		16 - 149

Lab Sample ID: 11C0062-MS1

Matrix: Soil

Analysis Batch: 11C0062

Client Sample ID: SS # 01

Prep Type: total

Prep Batch: 11C0062_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	Limits
Aroclor 1016	ND		0.419	0.273		mg/kg dry	☼	65.1	37 - 145
Aroclor 1260	ND		0.419	0.314		mg/kg dry	☼	74.9	25 - 144

Surrogate	Matrix Spike % Recovery	Matrix Spike Qualifier	Limits
Decachlorobiphenyl	94.1		16 - 149

Lab Sample ID: 11C0062-MSD1

Matrix: Soil

Analysis Batch: 11C0062

Client Sample ID: SS # 01

Prep Type: total

Prep Batch: 11C0062_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	Limits	RPD	Limit
Aroclor 1016	ND		0.421	0.291		mg/kg dry	☼	69.0	37 - 145	6.35	26
Aroclor 1260	ND		0.421	0.333		mg/kg dry	☼	79.2	25 - 144	6.18	30

Surrogate	Matrix Spike Dup % Recovery	Matrix Spike Dup Qualifier	Limits
Decachlorobiphenyl	95.6		16 - 149

TestAmerica Portland

Quality Control Data

Client: PGE-Environmental Sciences (RC841)
Project/Site: RC216/PO#TERM010972

TestAmerica Job ID: PUC0061

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

Lab Sample ID: 11C0118-DUP1

Matrix: Soil

Analysis Batch: 11C0118

Client Sample ID: PUB0402-03

Prep Type: total

Prep Batch: 11C0118_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	Limit
% Solids	83.6		80.3		% by Weight		3.91	20

Lab Sample ID: 11C0118-DUP2

Matrix: Soil

Analysis Batch: 11C0118

Client Sample ID: PUB0402-10

Prep Type: total

Prep Batch: 11C0118_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	Limit
% Solids	88.1		88.6		% by Weight		0.63 0	20

Certification Summary

Client: PGE-Environmental Sciences (RC841)
Project/Site: RC216/PO#TERM010972

TestAmerica Job ID: PUC0061

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

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 503-906-9200 FAX 906-9210
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: **PAC 0061**

CLIENT: PGE		INVOICE TO: PGE Environmental Services		TURNAROUND REQUEST	
REPORT TO: Tom Stodd		P.O. NUMBER:		in Business Days * Organic & Inorganic Analyses STD. 10 7 5 4 3 2 1 <1 Petroleum Hydrocarbon Analyses STD. 5 4 3 2 1 <1	
ADDRESS: 121 SW Salmon St. #3 WTCBROS Portland OR 97204		PRESERVATIVE		Specify: soon as possible	
PHONE: 503 464 8518 FAX: 503 464 8527		REQUESTED ANALYSES		OTHER: possible	
PROJECT NAME: Newberg Oil Spill				* Turnaround Requests less than standard may incur Rush Charges.	
PROJECT NUMBER:					
SAMPLED BY: Tom Stodd					
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1 SS#01	03-02-11 / 8:45	S	1		
2 SS#02	03-02-11 / 8:46	S	1		
3 SS#03	" / 8:50	S	1		
4 SS#04	" / 8:51	S	1		
5 SS#05	" / 8:55	S	1		
6 SS#06	" / 9:00	S	1		
7 SS#07	" / 9:05	S	1		
8 SS#08	" / 9:10	S	1		
9					
10					
RELEASED BY: Tom Stodd		DATE: 03-02-11		RECEIVED BY: Tom Stodd	
PRINT NAME: Tom Stodd		TIME: 10:10 AM		PRINT NAME: Tom Stodd	
RELEASED BY:		DATE:		RECEIVED BY:	
PRINT NAME:		TIME:		PRINT NAME:	
FIRM:		FIRM:		FIRM:	
ADDITIONAL REMARKS:		TEMP: 18.20		PAGE OF	



THE LEADER IN ENVIRONMENTAL TESTING

Portland Sample Control Checklist

Work Order #: Pu 90061 Date/Time Received: 3-2-11 1010

Client Name: PLC

Project Name: NEWBERG OIL

Time Zone: ☐ EDT/EST ☐ CDT/CST ☐ MDT/MST ☒ PDT/PST ☐ AK ☐ HI ☐ OTHER

Unpacking Checks:

Cooler (s): 0

Temperature (s): 12.2°C

Digi #1 Digi #2 IR Gun

☐ ☐ ☒ (☐ Plastic ☒ Glass)

Raytek

☐ (☐ Plastic ☐ Glass)

Ice used: (circle one) GEL LOOSE BLUE NONE OTHER: _____ Initials: [Signature]

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: [Signature] Labeler initials: [Signature]