

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 250-11729-1
Client Project/Site: TPH Reduction Test

For:
Earth Science Products Corp.
PO BOX 327
Wilsonville, Oregon 97070

Attn: Dennis Turner



Authorized for release by:
5/16/2013 2:51:22 PM
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Designee for

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LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Earth Science Products Corp.
Project/Site: TPH Reduction Test

TestAmerica Job ID: 250-11729-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
250-11729-1	Control	Solid	05/09/13 10:00	05/09/13 12:45
250-11729-2	Bacteria Only	Solid	05/09/13 10:00	05/09/13 12:45
250-11729-3	LR Plus Bacteria	Solid	05/09/13 10:00	05/09/13 12:45

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Case Narrative

Client: Earth Science Products Corp.
Project/Site: TPH Reduction Test

TestAmerica Job ID: 250-11729-1

Job ID: 250-11729-1

Laboratory: TestAmerica Portland

Narrative

Job Narrative
250-11729-1

Comments

No additional comments.

Receipt

The samples were received on 5/9/2013 12:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 21.6° C.

Except:

The following sample was received at the laboratory outside the required temperature criteria: Bacteria Only (250-11729-2), Control (250-11729-1), LR Plus Bacteria (250-11729-3). The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

GC/MS VOA

No analytical or quality issues were noted.

GC VOA

Method NWTPH-Gx: Due to the level of dilution required for the following sample(s), surrogate recoveries do not provide useful information: Bacteria Only (250-11729-2), Control (250-11729-1), LR Plus Bacteria (250-11729-3).

Method NWTPH-Gx: The Gasoline Range Hydrocarbons (GRH) concentration reported for the following sample(s) is mostly due to the presence of diesel: (250-11695-1 DU), UPRR Bunker Soil Hinkle yard (250-11695-1).

Method NWTPH-Gx: The Gasoline Range Hydrocarbons (GRH) concentration reported for the following sample(s) is mostly due to the presence of heavy gasoline/light diesel: 7' BSG (250-11723-2).

No other analytical or quality issues were noted.

GC Semi VOA

Method NWTPH-Dx: Detected hydrocarbons in the diesel range appear to be due to gasoline range overlap. LR Plus Bacteria (250-11729-3)

Method NWTPH-Dx: Detected hydrocarbons in the diesel range appear to be due to gasoline range overlap as well as oil range overlap. (250-11729-1 DU), Bacteria Only (250-11729-2), Control (250-11729-1)

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

Definitions/Glossary

Client: Earth Science Products Corp.
Project/Site: TPH Reduction Test

TestAmerica Job ID: 250-11729-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Earth Science Products Corp.
Project/Site: TPH Reduction Test

TestAmerica Job ID: 250-11729-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: Control
Date Collected: 05/09/13 10:00
Date Received: 05/09/13 12:45

Lab Sample ID: 250-11729-1
Matrix: Solid
Percent Solids: 62.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	47000		11000		ug/Kg	☼	05/10/13 12:41	05/13/13 18:39	50
Toluene	600000		11000		ug/Kg	☼	05/10/13 12:41	05/13/13 18:39	50
Xylenes, Total	750000		32000		ug/Kg	☼	05/10/13 12:41	05/13/13 18:39	50
Ethylbenzene	140000		11000		ug/Kg	☼	05/10/13 12:41	05/13/13 18:39	50
Naphthalene	ND		21000		ug/Kg	☼	05/10/13 12:41	05/13/13 18:39	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		75 - 125				05/10/13 12:41	05/13/13 18:39	50
4-Bromofluorobenzene (Surr)	104		75 - 125				05/10/13 12:41	05/13/13 18:39	50
Dibromofluoromethane (Surr)	94		75 - 125				05/10/13 12:41	05/13/13 18:39	50
Toluene-d8 (Surr)	100		75 - 125				05/10/13 12:41	05/13/13 18:39	50

Client Sample ID: Bacteria Only
Date Collected: 05/09/13 10:00
Date Received: 05/09/13 12:45

Lab Sample ID: 250-11729-2
Matrix: Solid
Percent Solids: 62.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	47000		11000		ug/Kg	☼	05/10/13 12:41	05/13/13 19:04	50
Toluene	590000		11000		ug/Kg	☼	05/10/13 12:41	05/13/13 19:04	50
Xylenes, Total	710000		32000		ug/Kg	☼	05/10/13 12:41	05/13/13 19:04	50
Ethylbenzene	130000		11000		ug/Kg	☼	05/10/13 12:41	05/13/13 19:04	50
Naphthalene	ND		21000		ug/Kg	☼	05/10/13 12:41	05/13/13 19:04	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		75 - 125				05/10/13 12:41	05/13/13 19:04	50
4-Bromofluorobenzene (Surr)	101		75 - 125				05/10/13 12:41	05/13/13 19:04	50
Dibromofluoromethane (Surr)	95		75 - 125				05/10/13 12:41	05/13/13 19:04	50
Toluene-d8 (Surr)	101		75 - 125				05/10/13 12:41	05/13/13 19:04	50

Client Sample ID: LR Plus Bacteria
Date Collected: 05/09/13 10:00
Date Received: 05/09/13 12:45

Lab Sample ID: 250-11729-3
Matrix: Solid
Percent Solids: 62.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	32000		11000		ug/Kg	☼	05/10/13 12:41	05/13/13 18:14	50
Toluene	410000		11000		ug/Kg	☼	05/10/13 12:41	05/13/13 18:14	50
Xylenes, Total	500000		33000		ug/Kg	☼	05/10/13 12:41	05/13/13 18:14	50
Ethylbenzene	93000		11000		ug/Kg	☼	05/10/13 12:41	05/13/13 18:14	50
Naphthalene	ND		22000		ug/Kg	☼	05/10/13 12:41	05/13/13 18:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 125				05/10/13 12:41	05/13/13 18:14	50
4-Bromofluorobenzene (Surr)	104		75 - 125				05/10/13 12:41	05/13/13 18:14	50
Dibromofluoromethane (Surr)	94		75 - 125				05/10/13 12:41	05/13/13 18:14	50
Toluene-d8 (Surr)	104		75 - 125				05/10/13 12:41	05/13/13 18:14	50

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Client Sample Results

Client: Earth Science Products Corp.
Project/Site: TPH Reduction Test

TestAmerica Job ID: 250-11729-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Client Sample ID: Control
Date Collected: 05/09/13 10:00
Date Received: 05/09/13 12:45

Lab Sample ID: 250-11729-1
Matrix: Solid
Percent Solids: 62.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	6300		1200		mg/Kg	☼	05/10/13 12:41	05/15/13 13:49	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	234	X	50 - 150				05/10/13 12:41	05/15/13 13:49	200

Client Sample ID: Bacteria Only
Date Collected: 05/09/13 10:00
Date Received: 05/09/13 12:45

Lab Sample ID: 250-11729-2
Matrix: Solid
Percent Solids: 62.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	5900		1200		mg/Kg	☼	05/10/13 12:41	05/15/13 14:19	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	222	X	50 - 150				05/10/13 12:41	05/15/13 14:19	200

Client Sample ID: LR Plus Bacteria
Date Collected: 05/09/13 10:00
Date Received: 05/09/13 12:45

Lab Sample ID: 250-11729-3
Matrix: Solid
Percent Solids: 62.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	4400		630		mg/Kg	☼	05/10/13 12:41	05/14/13 23:20	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	190	X	50 - 150				05/10/13 12:41	05/14/13 23:20	100

Client Sample Results

Client: Earth Science Products Corp.
Project/Site: TPH Reduction Test

TestAmerica Job ID: 250-11729-1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Client Sample ID: Control
Date Collected: 05/09/13 10:00
Date Received: 05/09/13 12:45

Lab Sample ID: 250-11729-1
Matrix: Solid
Percent Solids: 62.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C25)	110		20		mg/Kg	☼	05/14/13 14:55	05/15/13 16:14	1
RRO (nC25-nC36)	110		39		mg/Kg	☼	05/14/13 14:55	05/15/13 16:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane	82		50 - 150				05/14/13 14:55	05/15/13 16:14	1

Client Sample ID: Bacteria Only
Date Collected: 05/09/13 10:00
Date Received: 05/09/13 12:45

Lab Sample ID: 250-11729-2
Matrix: Solid
Percent Solids: 62.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C25)	120		20		mg/Kg	☼	05/14/13 14:55	05/15/13 16:32	1
RRO (nC25-nC36)	170		40		mg/Kg	☼	05/14/13 14:55	05/15/13 16:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane	75		50 - 150				05/14/13 14:55	05/15/13 16:32	1

Client Sample ID: LR Plus Bacteria
Date Collected: 05/09/13 10:00
Date Received: 05/09/13 12:45

Lab Sample ID: 250-11729-3
Matrix: Solid
Percent Solids: 62.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C25)	69		20		mg/Kg	☼	05/14/13 14:55	05/15/13 09:14	1
RRO (nC25-nC36)	84		40		mg/Kg	☼	05/14/13 14:55	05/15/13 09:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane	65		50 - 150				05/14/13 14:55	05/15/13 09:14	1

Client Sample Results

Client: Earth Science Products Corp.
Project/Site: TPH Reduction Test

TestAmerica Job ID: 250-11729-1

General Chemistry

Client Sample ID: Control
Date Collected: 05/09/13 10:00
Date Received: 05/09/13 12:45

Lab Sample ID: 250-11729-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	37		0.010		%			05/14/13 14:53	1
Percent Solids	63		0.010		%			05/14/13 14:53	1

Client Sample ID: Bacteria Only
Date Collected: 05/09/13 10:00
Date Received: 05/09/13 12:45

Lab Sample ID: 250-11729-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	38		0.010		%			05/14/13 14:53	1
Percent Solids	62		0.010		%			05/14/13 14:53	1

Client Sample ID: LR Plus Bacteria
Date Collected: 05/09/13 10:00
Date Received: 05/09/13 12:45

Lab Sample ID: 250-11729-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	38		0.010		%			05/14/13 14:53	1
Percent Solids	62		0.010		%			05/14/13 14:53	1

QC Sample Results

Client: Earth Science Products Corp.
Project/Site: TPH Reduction Test

TestAmerica Job ID: 250-11729-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 250-16641/8-A

Matrix: Solid

Analysis Batch: 16723

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16641

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		99		ug/Kg		05/10/13 14:06	05/13/13 12:20	1
Toluene	ND		99		ug/Kg		05/10/13 14:06	05/13/13 12:20	1
Xylenes, Total	ND		300		ug/Kg		05/10/13 14:06	05/13/13 12:20	1
Ethylbenzene	ND		99		ug/Kg		05/10/13 14:06	05/13/13 12:20	1
Naphthalene	ND		200		ug/Kg		05/10/13 14:06	05/13/13 12:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		75 - 125	05/10/13 14:06	05/13/13 12:20	1
4-Bromofluorobenzene (Surr)	101		75 - 125	05/10/13 14:06	05/13/13 12:20	1
Dibromofluoromethane (Surr)	93		75 - 125	05/10/13 14:06	05/13/13 12:20	1
Toluene-d8 (Surr)	98		75 - 125	05/10/13 14:06	05/13/13 12:20	1

Lab Sample ID: LCS 250-16641/9-A

Matrix: Solid

Analysis Batch: 16723

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16641

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	1920	1730		ug/Kg		90	80 - 120
Toluene	1920	1720		ug/Kg		90	80 - 120
Xylenes, Total	5750	5620		ug/Kg		98	70 - 130
Ethylbenzene	1920	1880		ug/Kg		98	80 - 125
Naphthalene	1920	1690		ug/Kg		88	80 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		75 - 125
4-Bromofluorobenzene (Surr)	104		75 - 125
Dibromofluoromethane (Surr)	91		75 - 125
Toluene-d8 (Surr)	98		75 - 125

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Lab Sample ID: MB 250-16801/1-A

Matrix: Solid

Analysis Batch: 16769

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16801

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		4.0		mg/Kg		05/10/13 12:41	05/14/13 14:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	108		50 - 150	05/10/13 12:41	05/14/13 14:31	1

Lab Sample ID: LCS 250-16801/2-A

Matrix: Solid

Analysis Batch: 16769

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16801

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Hydrocarbons	23.0	27.3		mg/Kg		118	70 - 130

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QC Sample Results

Client: Earth Science Products Corp.
Project/Site: TPH Reduction Test

TestAmerica Job ID: 250-11729-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: LCS 250-16801/2-A
Matrix: Solid
Analysis Batch: 16769

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 16801

Surrogate	LCS		Limits
	%Recovery	Qualifier	
a,a,a-Trifluorotoluene (fid)	106		50 - 150

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 250-16737/1-A
Matrix: Solid
Analysis Batch: 16725

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 16737

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
DRO (C10-C25)	ND		12		mg/Kg		05/14/13 14:55	05/15/13 07:23	1
RRO (nC25-nC36)	ND		25		mg/Kg		05/14/13 14:55	05/15/13 07:23	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctadecane	94		50 - 150	05/14/13 14:55	05/15/13 07:23	1

Lab Sample ID: LCS 250-16737/2-A
Matrix: Solid
Analysis Batch: 16725

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 16737

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
DRO (C10-C25)	124	115		mg/Kg		93	50 - 150
RRO (nC25-nC36)	74.4	71.9		mg/Kg		97	50 - 150

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctadecane	100		50 - 150

Lab Sample ID: 250-11729-1 DU
Matrix: Solid
Analysis Batch: 16725

Client Sample ID: Control
Prep Type: Total/NA
Prep Batch: 16737

Analyte	Sample		DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
DRO (C10-C25)	110		114		mg/Kg	✱	4	40
RRO (nC25-nC36)	110		98.5		mg/Kg	✱	7	40

Surrogate	DU		Limits
	%Recovery	Qualifier	
1-Chlorooctadecane	80		50 - 150

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

Lab Sample ID: 250-11729-1 DU
Matrix: Solid
Analysis Batch: 16735

Client Sample ID: Control
Prep Type: Total/NA

Analyte	Sample		DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Percent Moisture	37		38		%		2	20
Percent Solids	63		62		%		1	20

TestAmerica Portland

Certification Summary

Client: Earth Science Products Corp.
Project/Site: TPH Reduction Test

TestAmerica Job ID: 250-11729-1

Laboratory: TestAmerica Portland

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	OR00040	06-30-13
Alaska (UST)	State Program	10	UST-012	12-26-13
California	State Program	9	2597	09-30-13
Oregon	NELAP	10	OR100021	01-09-14
USDA	Federal		P330-11-00092	02-17-14
Washington	State Program	10	C586	06-23-13

Method Summary

Client: Earth Science Products Corp.
Project/Site: TPH Reduction Test

TestAmerica Job ID: 250-11729-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PRT
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	TAL PRT
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL PRT
D2216-80	Percent Dry Weight (Solids) per ASTM D2216-80	ASTM	TAL PRT

Protocol References:

ASTM = ASTM International

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PRT = TestAmerica Portland, 9405 SW Nimbus Ave., Beaverton, OR 97008, TEL (503)906-9200



Chain of Custody

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THE LEADER IN ENVIRONMENTAL TESTING

250-11729 Chain of Custody

9405 SW Nimbus Ave
Beaverton, OR 97008-7145
503-906-9200 Fax 503-906-9210

TestAmerica Laboratories, Inc.

Client Contact Client Name: EARTH SCIENCE PRODUCTS Address: P.O. Box 327 City/State/Zip: Wilsonville, OR 97070 Phone: 503-678-1216 FAX: 503-678-3374		Project Manager: DRAINS TURNER Tel/Fax: _____ Analysis Turnaround Time Calendar (C) or Work Days (W) <input type="checkbox"/> TAT if different from Below <input type="checkbox"/> 2 weeks <input checked="" type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Date: _____ Carrier: _____ COC No. _____ of _____ COCs Job No. _____ SDG No. _____ Sampler: DRAINS TURNER Sample Specific Notes: _____							
Site Contact: Lab Contact: _____ Filtered Sample: _____		Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input checked="" type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown Special Instructions/QC Requirements & Comments: _____									
Sample Identification CONTROL BACTERIA ONLY LR PLUS BACTERIA		Sample Date 5/9 5/9 5/9	Sample Time 10:00 AM 10:00 AM 10:00 AM	Sample Type OH SOIL OH SOIL OH SOIL	Matrix SOIL SOIL SOIL	# of Cont. 1 1 1	Date/Time: _____ Date/Time: _____ Date/Time: _____	Company: _____ Company: _____ Company: _____	Received by: _____ Received by: _____ Received by: _____	Date/Time: _____ Date/Time: _____ Date/Time: _____	Company: _____ Company: _____ Company: _____

digit # 2160C



Login Sample Receipt Checklist

Client: Earth Science Products Corp.

Job Number: 250-11729-1

Login Number: 11729

List Source: TestAmerica Portland

List Number: 1

Creator: Svabik-Seror, Philip

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Ice not frozen.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

