

May 25, 2010

Dennis Turner
Earth Science Products
PO Box 327
Wilsonville, OR 97070

RE: Soil Stabilizer

Enclosed are the results of analyses for samples received by the laboratory on 05/06/10 13:25.
The following list is a summary of the Work Orders contained in this report, generated on 05/25/10
16:13.

If you have any questions concerning this report, please feel free to contact me.

<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
PTE0161	Soil Stabilizer	Soil Stabilizer

Earth Science Products

PO Box 327
Wilsonville, OR 97070

Project Name: **Soil Stabilizer**
Project Number: Soil Stabilizer
Project Manager: Dennis Turner

Report Created:
05/25/10 16:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Condor SS (Sample for Analysis)	PTE0161-05	Water	05/06/10 12:30	05/06/10 13:25
Condor AG Landlife (Sample for Analysis)	PTE0161-06	Water	05/06/10 12:30	05/06/10 13:25
Condor Digester (Sample for Analysis)	PTE0161-07	Water	05/06/10 12:30	05/06/10 13:25
Condor Reclaimer (Sample for Analysis)	PTE0161-08	Water	05/06/10 12:30	05/06/10 13:25

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Project Name: **Soil Stabilizer**
Project Number: Soil Stabilizer
Project Manager: Dennis Turner

Report Created:
05/25/10 16:13

Analytical Case Narrative

TestAmerica - Portland, OR

PTE0161

Note N1:

Pesticide method 8151 was modified as conditioning standards were placed before the calibration standards (which is not included in the method).

Note:

Samples were prepared from concentrate provided by client. Recommended dilutions used:

PTE0161-01: X500
PTE0161-01: X500
PTE0161-03: X1000
PTE0161-04: X300

All results are based on the prepared samples.

Note:

Samples listed in this report were analyzed for metals, pesticides, and herbicides. Pesticide and herbicide results were all non-detect. All metals were non-detect, except chromium, which was less than 0.01 mg/L (EPA TCLP limit is 5.0 mg/L). Thus, as with potable water, which typically does not contain any of the compounds or metals included in this report, application of materials listed below would not contaminate soil with compounds or metals listed in this report.

Condor SS
Condor AG Landlife
Condor Digester
Condor Reclaimer

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Project Name: **Soil Stabilizer**
Project Number: Soil Stabilizer
Project Manager: Dennis Turner

Report Created:
05/25/10 16:13

Total Metals per EPA 6000/7000 Series Methods

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PTE0161-05	(Condor SS (Sample for Analysis))									
										Water
										Sampled: 05/06/10 12:30
Arsenic	EPA 6020	ND	----	0.00100	mg/l	1x	10E0321	05/11/10 11:26	05/19/10 07:36	
Barium	"	ND	----	0.00100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	0.00696	----	0.00200	"	"	"	"	"	
Lead	"	ND	----	0.00100	"	"	"	"	"	
Selenium	"	ND	----	0.00100	"	"	"	"	"	
Silver	"	ND	----	0.00100	"	"	"	"	"	
PTE0161-06	(Condor AG Landlife (Sample for Analysis))									
										Water
										Sampled: 05/06/10 12:30
Arsenic	EPA 6020	ND	----	0.00100	mg/l	1x	10E0321	05/11/10 11:26	05/19/10 07:44	
Barium	"	ND	----	0.00100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	0.00799	----	0.00200	"	"	"	"	"	
Lead	"	ND	----	0.00100	"	"	"	"	"	
Selenium	"	ND	----	0.00100	"	"	"	"	"	
Silver	"	ND	----	0.00100	"	"	"	"	"	
PTE0161-07	(Condor Digester (Sample for Analysis))									
										Water
										Sampled: 05/06/10 12:30
Arsenic	EPA 6020	ND	----	0.00100	mg/l	1x	10E0321	05/11/10 11:26	05/19/10 07:52	
Barium	"	ND	----	0.00100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	ND	----	0.00200	"	"	"	"	"	
Lead	"	ND	----	0.00100	"	"	"	"	"	
Selenium	"	ND	----	0.00100	"	"	"	"	"	
Silver	"	ND	----	0.00100	"	"	"	"	"	
PTE0161-08	(Condor Reclaimer (Sample for Analysis))									
										Water
										Sampled: 05/06/10 12:30
Arsenic	EPA 6020	ND	----	0.00500	mg/l	5x	10E0321	05/11/10 11:26	05/19/10 08:00	RL1
Barium	"	ND	----	0.00500	"	"	"	"	"	RL1
Cadmium	"	ND	----	0.00500	"	"	"	"	"	RL1
Chromium	"	ND	----	0.0100	"	"	"	"	"	RL1
Lead	"	ND	----	0.00500	"	"	"	"	"	RL1
Selenium	"	ND	----	0.00500	"	"	"	"	"	RL1
Silver	"	ND	----	0.00500	"	"	"	"	"	RL1

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Earth Science Products	Project Name: Soil Stabilizer	
PO Box 327	Project Number: Soil Stabilizer	Report Created:
Wilsonville, OR 97070	Project Manager: Dennis Turner	05/25/10 16:13

Total Mercury per EPA Method 7470A
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PTE0161-05 (Condor SS (Sample for Analysis))		Water			Sampled: 05/06/10 12:30					
Mercury	EPA 7470A	ND	----	0.000200	mg/l	1x	10E0284	05/10/10 13:12	05/10/10 16:59	
PTE0161-06 (Condor AG Landlife (Sample for Analysis))		Water			Sampled: 05/06/10 12:30					
Mercury	EPA 7470A	ND	----	0.000200	mg/l	1x	10E0284	05/10/10 13:12	05/10/10 17:02	
PTE0161-07 (Condor Digester (Sample for Analysis))		Water			Sampled: 05/06/10 12:30					
Mercury	EPA 7470A	ND	----	0.000200	mg/l	1x	10E0284	05/10/10 13:12	05/10/10 17:05	
PTE0161-08 (Condor Reclaimer (Sample for Analysis))		Water			Sampled: 05/06/10 12:30					
Mercury	EPA 7470A	ND	----	0.000200	mg/l	1x	10E0284	05/10/10 13:12	05/10/10 17:07	

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Project Name: **Soil Stabilizer**
Project Number: Soil Stabilizer
Project Manager: Dennis Turner

Report Created:
05/25/10 16:13

Organochlorine Pesticides per EPA Method 8081A
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PTE0161-05	(Condor SS (Sample for Analysis))									NI
		Water						Sampled: 05/06/10 12:30		
Aldrin	EPA 8081A	ND	----	0.0971	ug/l	1x	10E0313	05/11/10 13:35	05/17/10 21:06	
alpha-BHC	"	ND	----	0.0971	"	"	"	"	"	
beta-BHC	"	ND	----	0.0971	"	"	"	"	"	
delta-BHC	"	ND	----	0.0971	"	"	"	"	"	
gamma-BHC (Lindane)	"	ND	----	0.0971	"	"	"	"	"	
gamma-Chlordane	"	ND	----	0.0971	"	"	"	"	"	
alpha-Chlordane	"	ND	----	0.0971	"	"	"	"	"	
Chlordane (tech)	"	ND	----	0.971	"	"	"	"	"	
4,4'-DDD	"	ND	----	0.0971	"	"	"	"	"	
4,4'-DDE	"	ND	----	0.0971	"	"	"	"	"	
4,4'-DDT	"	ND	----	0.0971	"	"	"	"	"	
Dieldrin	"	ND	----	0.0971	"	"	"	"	"	
Endosulfan I	"	ND	----	0.0971	"	"	"	"	"	
Endosulfan II	"	ND	----	0.0971	"	"	"	"	"	
Endosulfan sulfate	"	ND	----	0.0971	"	"	"	"	"	
Endrin	"	ND	----	0.0971	"	"	"	"	"	
Endrin aldehyde	"	ND	----	0.0971	"	"	"	"	"	
Endrin ketone	"	ND	----	0.0971	"	"	"	"	"	
Heptachlor	"	ND	----	0.0971	"	"	"	"	"	
Heptachlor epoxide	"	ND	----	0.0971	"	"	"	"	"	
Methoxychlor	"	ND	----	0.0971	"	"	"	"	"	
Toxaphene	"	ND	----	2.43	"	"	"	"	"	
<i>Surrogate(s): 2,4,5,6-Tetrachloro-m-xylene</i>				53.8%			16 - 137 %	"	"	

PTE0161-06	(Condor AG Landlife (Sample for Analysis))									NI
		Water						Sampled: 05/06/10 12:30		
Aldrin	EPA 8081A	ND	----	0.0971	ug/l	1x	10E0313	05/11/10 13:35	05/17/10 21:33	
alpha-BHC	"	ND	----	0.0971	"	"	"	"	"	
beta-BHC	"	ND	----	0.0971	"	"	"	"	"	
delta-BHC	"	ND	----	0.0971	"	"	"	"	"	
gamma-BHC (Lindane)	"	ND	----	0.0971	"	"	"	"	"	
gamma-Chlordane	"	ND	----	0.0971	"	"	"	"	"	
alpha-Chlordane	"	ND	----	0.0971	"	"	"	"	"	
Chlordane (tech)	"	ND	----	0.971	"	"	"	"	"	
4,4'-DDD	"	ND	----	0.0971	"	"	"	"	"	
4,4'-DDE	"	ND	----	0.0971	"	"	"	"	"	

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Project Name: **Soil Stabilizer**
Project Number: Soil Stabilizer
Project Manager: Dennis Turner

Report Created:
05/25/10 16:13

Organochlorine Pesticides per EPA Method 8081A
TestAmerica Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PTE0161-06	(Condor AG Landlife (Sample for									
Analysis)										
4,4'-DDT	EPA 8081A	ND	----	0.0971	ug/l	1x	10E0313	05/11/10 13:35	05/17/10 21:33	
Dieldrin	"	ND	----	0.0971	"	"	"	"	"	
Endosulfan I	"	ND	----	0.0971	"	"	"	"	"	
Endosulfan II	"	ND	----	0.0971	"	"	"	"	"	
Endosulfan sulfate	"	ND	----	0.0971	"	"	"	"	"	
Endrin	"	ND	----	0.0971	"	"	"	"	"	
Endrin aldehyde	"	ND	----	0.0971	"	"	"	"	"	
Endrin ketone	"	ND	----	0.0971	"	"	"	"	"	
Heptachlor	"	ND	----	0.0971	"	"	"	"	"	
Heptachlor epoxide	"	ND	----	0.0971	"	"	"	"	"	
Methoxychlor	"	ND	----	0.0971	"	"	"	"	"	
Toxaphene	"	ND	----	2.43	"	"	"	"	"	
<hr/>										
<i>Surrogate(s): 2,4,5,6-Tetrachloro-m-xylene</i>				62.8%		16 - 137 %	"			"

N1

PTE0161-07	(Condor Digester (Sample for									
Analysis)										
Aldrin	EPA 8081A	ND	----	0.0971	ug/l	1x	10E0313	05/11/10 13:35	05/17/10 21:59	
alpha-BHC	"	ND	----	0.0971	"	"	"	"	"	
beta-BHC	"	ND	----	0.0971	"	"	"	"	"	
delta-BHC	"	ND	----	0.0971	"	"	"	"	"	
gamma-BHC (Lindane)	"	ND	----	0.0971	"	"	"	"	"	
gamma-Chlordane	"	ND	----	0.0971	"	"	"	"	"	
alpha-Chlordane	"	ND	----	0.0971	"	"	"	"	"	
Chlordane (tech)	"	ND	----	0.971	"	"	"	"	"	
4,4'-DDD	"	ND	----	0.0971	"	"	"	"	"	
4,4'-DDE	"	ND	----	0.0971	"	"	"	"	"	
4,4'-DDT	"	ND	----	0.0971	"	"	"	"	"	
Dieldrin	"	ND	----	0.0971	"	"	"	"	"	
Endosulfan I	"	ND	----	0.0971	"	"	"	"	"	
Endosulfan II	"	ND	----	0.0971	"	"	"	"	"	
Endosulfan sulfate	"	ND	----	0.0971	"	"	"	"	"	
Endrin	"	ND	----	0.0971	"	"	"	"	"	
Endrin aldehyde	"	ND	----	0.0971	"	"	"	"	"	
Endrin ketone	"	ND	----	0.0971	"	"	"	"	"	
Heptachlor	"	ND	----	0.0971	"	"	"	"	"	
Heptachlor epoxide	"	ND	----	0.0971	"	"	"	"	"	

N1

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Project Name: **Soil Stabilizer**
Project Number: Soil Stabilizer
Project Manager: Dennis Turner

Report Created:
05/25/10 16:13

Organochlorine Pesticides per EPA Method 8081A
TestAmerica Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PTE0161-07 (Condor Digester (Sample for Analysis))										NI
		Water				Sampled: 05/06/10 12:30				
Methoxychlor	EPA 8081A	ND	----	0.0971	ug/l	1x	10E0313	05/11/10 13:35	05/17/10 21:59	
Toxaphene	"	ND	----	2.43	"	"	"	"	"	
<i>Surrogate(s): 2,4,5,6-Tetrachloro-m-xylene</i>				67.5%		16 - 137 %	"			"

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PTE0161-08 (Condor Reclaimer (Sample for Analysis))										NI
		Water				Sampled: 05/06/10 12:30				
Aldrin	EPA 8081A	ND	----	0.0971	ug/l	1x	10E0313	05/11/10 13:35	05/17/10 22:26	
alpha-BHC	"	ND	----	0.0971	"	"	"	"	"	
beta-BHC	"	ND	----	0.0971	"	"	"	"	"	
delta-BHC	"	ND	----	0.0971	"	"	"	"	"	
gamma-BHC (Lindane)	"	ND	----	0.0971	"	"	"	"	"	
gamma-Chlordane	"	ND	----	0.0971	"	"	"	"	"	
alpha-Chlordane	"	ND	----	0.0971	"	"	"	"	"	
Chlordane (tech)	"	ND	----	0.971	"	"	"	"	"	
4,4'-DDD	"	ND	----	0.0971	"	"	"	"	"	
4,4'-DDE	"	ND	----	0.0971	"	"	"	"	"	
4,4'-DDT	"	ND	----	0.0971	"	"	"	"	"	
Dieldrin	"	ND	----	0.0971	"	"	"	"	"	
Endosulfan I	"	ND	----	0.0971	"	"	"	"	"	
Endosulfan II	"	ND	----	0.0971	"	"	"	"	"	
Endosulfan sulfate	"	ND	----	0.0971	"	"	"	"	"	
Endrin	"	ND	----	0.0971	"	"	"	"	"	
Endrin aldehyde	"	ND	----	0.0971	"	"	"	"	"	
Endrin ketone	"	ND	----	0.0971	"	"	"	"	"	
Heptachlor	"	ND	----	0.0971	"	"	"	"	"	
Heptachlor epoxide	"	ND	----	0.0971	"	"	"	"	"	
Methoxychlor	"	ND	----	0.0971	"	"	"	"	"	
Toxaphene	"	ND	----	2.43	"	"	"	"	"	
<i>Surrogate(s): 2,4,5,6-Tetrachloro-m-xylene</i>				55.9%		16 - 137 %	"			"

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PO Box 327
Wilsonville, OR 97070

Project Name: **Soil Stabilizer**
Project Number: Soil Stabilizer
Project Manager: Dennis Turner

Report Created:
05/25/10 16:13

Chlorinated Herbicides per EPA Method 8151A Modified
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PTE0161-05	(Condor SS (Sample for Analysis))			Water			Sampled: 05/06/10 12:30			RL1, N1
2,4-D	8151mod	ND	----	20.0	ug/l	2x	10E0371	05/12/10 09:42	05/13/10 19:24	
2,4-DB	"	ND	----	20.0	"	"	"	"	"	C
2,4,5-T	"	ND	----	20.0	"	"	"	"	"	L
2,4,5-TP (Silvex)	"	ND	----	20.0	"	"	"	"	"	
Dalapon	"	ND	----	100	"	"	"	"	"	L
Dicamba	"	ND	----	20.0	"	"	"	"	"	
Dichlorprop	"	ND	----	20.0	"	"	"	"	"	
Dinoseb	"	ND	----	20.0	"	"	"	"	"	L
MCPA	"	ND	----	10000	"	"	"	"	"	
MCPP	"	ND	----	10000	"	"	"	"	"	
<i>Surrogate(s): 2,4-Dichlorophenylacetic acid</i>				103%		40 - 160 %	"			"

PTE0161-06	(Condor AG Landlife (Sample for Analysis))			Water			Sampled: 05/06/10 12:30			RL1, N1
2,4-D	8151mod	ND	----	20.0	ug/l	2x	10E0371	05/12/10 09:42	05/13/10 20:04	
2,4-DB	"	ND	----	20.0	"	"	"	"	"	C
2,4,5-T	"	ND	----	20.0	"	"	"	"	"	L
2,4,5-TP (Silvex)	"	ND	----	20.0	"	"	"	"	"	
Dalapon	"	ND	----	100	"	"	"	"	"	L
Dicamba	"	ND	----	20.0	"	"	"	"	"	
Dichlorprop	"	ND	----	20.0	"	"	"	"	"	
Dinoseb	"	ND	----	20.0	"	"	"	"	"	L
MCPA	"	ND	----	10000	"	"	"	"	"	
MCPP	"	ND	----	10000	"	"	"	"	"	
<i>Surrogate(s): 2,4-Dichlorophenylacetic acid</i>				96.7%		40 - 160 %	"			"

PTE0161-07	(Condor Digester (Sample for Analysis))			Water			Sampled: 05/06/10 12:30			RL1, N1
2,4-D	8151mod	ND	----	10.0	ug/l	1x	10E0371	05/12/10 09:42	05/13/10 20:43	
2,4-DB	"	ND	----	10.0	"	"	"	"	"	C
2,4,5-T	"	ND	----	10.0	"	"	"	"	"	L
2,4,5-TP (Silvex)	"	ND	----	10.0	"	"	"	"	"	
Dalapon	"	ND	----	50.0	"	"	"	"	"	L
Dicamba	"	ND	----	10.0	"	"	"	"	"	
Dichlorprop	"	ND	----	10.0	"	"	"	"	"	
Dinoseb	"	ND	----	10.0	"	"	"	"	"	L
MCPA	"	ND	----	5000	"	"	"	"	"	

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Brian Cone, Industrial Services Manager

Earth Science Products	Project Name: Soil Stabilizer	Report Created:
PO Box 327	Project Number: Soil Stabilizer	05/25/10 16:13
Wilsonville, OR 97070	Project Manager: Dennis Turner	

Chlorinated Herbicides per EPA Method 8151A Modified
 TestAmerica Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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PTE0161-07 (Condor Digester (Sample for Water) Sampled: 05/06/10 12:30) RL1, N1

Analysis) MCPP	8151mod	ND	----	5000	ug/l	1x	10E0371	05/12/10 09:42	05/13/10 20:43	
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Surrogate(s): 2,4-Dichlorophenylacetic acid 100% 40 - 160 % " "

PTE0161-08 (Condor Reclaimer (Sample for Water) Sampled: 05/06/10 12:30) RL1, N1

Analysis) 2,4-D	8151mod	ND	----	40.0	ug/l	2x	10E0371	05/12/10 09:42	05/13/10 21:23	
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2,4-DB	"	ND	----	40.0	"	"	"	"	"	C
--------	---	----	------	------	---	---	---	---	---	---

2,4,5-T	"	ND	----	40.0	"	"	"	"	"	L
---------	---	----	------	------	---	---	---	---	---	---

2,4,5-TP (Silvex)	"	ND	----	40.0	"	"	"	"	"	
-------------------	---	----	------	------	---	---	---	---	---	--

Dalapon	"	ND	----	200	"	"	"	"	"	L
---------	---	----	------	-----	---	---	---	---	---	---

Dicamba	"	ND	----	40.0	"	"	"	"	"	
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Dichlorprop	"	ND	----	40.0	"	"	"	"	"	
-------------	---	----	------	------	---	---	---	---	---	--

Dinoseb	"	ND	----	40.0	"	"	"	"	"	L
---------	---	----	------	------	---	---	---	---	---	---

MCPA	"	ND	----	20000	"	"	"	"	"	
------	---	----	------	-------	---	---	---	---	---	--

MCPP	"	ND	----	20000	"	"	"	"	"	
------	---	----	------	-------	---	---	---	---	---	--

Surrogate(s): 2,4-Dichlorophenylacetic acid 102% 40 - 160 % " "

TestAmerica Portland



Brian Cone, Industrial Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Earth Science Products	Project Name: Soil Stabilizer	Report Created:
PO Box 327	Project Number: Soil Stabilizer	05/25/10 16:13
Wilsonville, OR 97070	Project Manager: Dennis Turner	

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results
TestAmerica Portland

QC Batch: 10E0321 Water Preparation Method: EPA 200/3005

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes		
Blank (10E0321-BLK1)													Extracted: 05/11/10 11:26			
Arsenic	EPA 6020	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	05/19/10 07:21			
Barium	"	ND	---	0.00100	"	"	--	--	--	--	--	--	"			
Cadmium	"	ND	---	0.00100	"	"	--	--	--	--	--	--	"			
Chromium	"	ND	---	0.00200	"	"	--	--	--	--	--	--	"			
Lead	"	ND	---	0.00100	"	"	--	--	--	--	--	--	"			
Selenium	"	ND	---	0.00100	"	"	--	--	--	--	--	--	"			
Silver	"	ND	---	0.00100	"	"	--	--	--	--	--	--	"			
LCS (10E0321-BS1)													Extracted: 05/11/10 11:26			
Arsenic	EPA 6020	0.0970	---	0.00100	mg/l	1x	--	0.100	97.0%	(80-120)	--	--	05/19/10 07:28			
Barium	"	0.0957	---	0.00100	"	"	--	"	95.7%	"	--	--	"			
Cadmium	"	0.0939	---	0.00100	"	"	--	"	93.9%	"	--	--	"			
Chromium	"	0.0937	---	0.00200	"	"	--	"	93.7%	"	--	--	"			
Lead	"	0.0933	---	0.00100	"	"	--	"	93.3%	"	--	--	"			
Selenium	"	0.0921	---	0.00100	"	"	--	"	92.1%	"	--	--	"			
Silver	"	0.0484	---	0.00100	"	"	--	0.0500	96.9%	"	--	--	"			
Duplicate (10E0321-DUP1)													QC Source: PTE0168-01		Extracted: 05/11/10 11:26	
Arsenic	EPA 6020	0.00313	---	0.00100	mg/l	1x	0.00322	--	--	--	2.83%	(20)	05/19/10 08:31			
Barium	"	0.0134	---	0.00100	"	"	0.0131	--	--	--	1.89%	"	"			
Cadmium	"	ND	---	0.00100	"	"	ND	--	--	--	0.00%	"	"			
Chromium	"	0.122	---	0.00200	"	"	0.121	--	--	--	0.495%	"	"			
Lead	"	0.00225	---	0.00100	"	"	0.00224	--	--	--	0.445%	"	"			
Selenium	"	0.00155	---	0.00100	"	"	0.00146	--	--	--	5.98%	"	"			
Silver	"	ND	---	0.00100	"	"	ND	--	--	--	28.6%	"	"	R4		
Matrix Spike (10E0321-MS1)													QC Source: PTE0168-01		Extracted: 05/11/10 11:26	
Arsenic	EPA 6020	0.112	---	0.00100	mg/l	1x	0.00322	0.100	109%	(75-125)	--	--	05/19/10 08:46			
Barium	"	0.103	---	0.00100	"	"	0.0131	"	89.6%	"	--	--	"			
Cadmium	"	0.0984	---	0.00100	"	"	0.000360	"	98.0%	"	--	--	"			
Chromium	"	0.214	---	0.00200	"	"	0.121	"	92.9%	"	--	--	"			
Lead	"	0.0908	---	0.00100	"	"	0.00224	"	88.5%	"	--	--	"			
Selenium	"	0.128	---	0.00100	"	"	0.00146	"	127%	"	--	--	"	M7		
Silver	"	0.0464	---	0.00100	"	"	0.0000400	0.0500	92.7%	"	--	--	"			

TestAmerica Portland



Brian Cone, Industrial Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Earth Science Products	Project Name: Soil Stabilizer	
PO Box 327	Project Number: Soil Stabilizer	Report Created:
Wilsonville, OR 97070	Project Manager: Dennis Turner	05/25/10 16:13

Total Mercury per EPA Method 7470A - Laboratory Quality Control Results
TestAmerica Portland

QC Batch: 10E0284 Water Preparation Method: EPA 7470A

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (10E0284-BLK1)								Extracted: 05/10/10 13:12						
Mercury	EPA 7470A	ND	---	0.000200	mg/l	1x	--	--	--	--	--	--	05/10/10 16:08	
LCS (10E0284-BS1)								Extracted: 05/10/10 13:12						
Mercury	EPA 7470A	0.00496	---	0.000200	mg/l	1x	--	0.00500	99.2%	(85-115)	--	--	05/10/10 16:11	
LCS Dup (10E0284-BSD1)								Extracted: 05/10/10 13:12						
Mercury	EPA 7470A	0.00486	---	0.000200	mg/l	1x	--	0.00500	97.1%	(85-115)	2.09% (20)		05/10/10 16:14	
Duplicate (10E0284-DUP1)								QC Source: PTE0015-01		Extracted: 05/10/10 13:12				
Mercury	EPA 7470A	ND	---	0.000200	mg/l	1x	ND	--	--	--	NR (20)		05/10/10 16:16	
Matrix Spike (10E0284-MS1)								QC Source: PTE0015-01		Extracted: 05/10/10 13:12				
Mercury	EPA 7470A	0.00428	---	0.000200	mg/l	1x	ND	0.00500	85.5%	(75-125)	--	--	05/10/10 16:19	
Matrix Spike Dup (10E0284-MSD1)								QC Source: PTE0015-01		Extracted: 05/10/10 13:12				
Mercury	EPA 7470A	0.00435	---	0.000200	mg/l	1x	ND	0.00500	86.9%	(75-125)	1.60% (20)		05/10/10 16:22	

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Brian Cone, Industrial Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Earth Science Products	Project Name: Soil Stabilizer	Report Created:
PO Box 327	Project Number: Soil Stabilizer	05/25/10 16:13
Wilsonville, OR 97070	Project Manager: Dennis Turner	

Organochlorine Pesticides per EPA Method 8081A - Laboratory Quality Control Results
TestAmerica Portland

QC Batch: 10E0313 Water Preparation Method: EPA 3510/600 Series

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (10E0313-BLK1)													Extracted: 05/11/10 08:45	
Aldrin	EPA 8081A	ND	---	0.100	ug/l	1x	--	--	--	--	--	--	05/17/10 19:20	
alpha-BHC	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
beta-BHC	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
delta-BHC	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
gamma-BHC (Lindane)	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
gamma-Chlordane	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
alpha-Chlordane	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Chlordane (tech)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4,4'-DDD	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
4,4'-DDE	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
4,4'-DDT	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Dieldrin	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Endosulfan I	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Endosulfan II	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Endosulfan sulfate	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Endrin	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Endrin aldehyde	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Endrin ketone	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Heptachlor	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Heptachlor epoxide	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Methoxychlor	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Toxaphene	"	ND	---	2.50	"	"	--	--	--	--	--	--	"	

Surrogate(s): 2,4,5,6-Tetrachloro-m-xylene Recovery: 70.9% Limits: 16-137% " 05/17/10 19:20

LCS (10E0313-BS1)													Extracted: 05/11/10 08:45	
Aldrin	EPA 8081A	0.401	---	0.100	ug/l	1x	--	0.500	80.3%	(50-130)	--	--	05/17/10 19:47	
alpha-BHC	"	0.427	---	0.100	"	"	--	"	85.3%	"	--	--	"	
beta-BHC	"	0.433	---	0.100	"	"	--	"	86.7%	"	--	--	"	
delta-BHC	"	0.443	---	0.100	"	"	--	"	88.5%	"	--	--	"	
gamma-BHC (Lindane)	"	0.422	---	0.100	"	"	--	"	84.4%	"	--	--	"	
gamma-Chlordane	"	0.417	---	0.100	"	"	--	"	83.4%	"	--	--	"	
alpha-Chlordane	"	0.413	---	0.100	"	"	--	"	82.6%	"	--	--	"	
4,4'-DDD	"	0.493	---	0.100	"	"	--	"	98.6%	"	--	--	"	
4,4'-DDE	"	0.462	---	0.100	"	"	--	"	92.4%	"	--	--	"	
4,4'-DDT	"	0.470	---	0.100	"	"	--	"	94.1%	"	--	--	"	
Dieldrin	"	0.437	---	0.100	"	"	--	"	87.4%	"	--	--	"	
Endosulfan I	"	0.416	---	0.100	"	"	--	"	83.2%	"	--	--	"	
Endosulfan II	"	0.444	---	0.100	"	"	--	"	88.8%	"	--	--	"	
Endosulfan sulfate	"	0.456	---	0.100	"	"	--	"	91.2%	"	--	--	"	

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Brian Cone, Industrial Services Manager

Earth Science Products

PO Box 327
Wilsonville, OR 97070

Project Name: **Soil Stabilizer**
Project Number: Soil Stabilizer
Project Manager: Dennis Turner

Report Created:
05/25/10 16:13

Organochlorine Pesticides per EPA Method 8081A - Laboratory Quality Control Results

TestAmerica Portland

QC Batch: 10E0313

Water Preparation Method: EPA 3510/600 Series

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes		
Extracted: 05/11/10 08:45																
LCS (10E0313-BS1)																
Endrin	EPA 8081A	0.437	---	0.100	ug/l	1x	--	0.500	87.4%	(50-130)	--	--	05/17/10 19:47			
Endrin aldehyde	"	0.417	---	0.100	"	"	--	"	83.4%	"	--	--	"			
Endrin ketone	"	0.494	---	0.100	"	"	--	"	98.8%	"	--	--	"			
Heptachlor	"	0.403	---	0.100	"	"	--	"	80.6%	"	--	--	"			
Heptachlor epoxide	"	0.410	---	0.100	"	"	--	"	82.0%	"	--	--	"			
Methoxychlor	"	0.465	---	0.100	"	"	--	"	93.0%	"	--	--	"			
<i>Surrogate(s): 2,4,5,6-Tetrachloro-m-xylene</i>													<i>Recovery: 77.1%</i>	<i>Limits: 16-137%</i>	<i>"</i>	<i>05/17/10 19:47</i>

LCS Dup (10E0313-BSD1)

Extracted: 05/11/10 08:45

Aldrin	EPA 8081A	0.375	---	0.100	ug/l	1x	--	0.500	74.9%	(50-130)	6.88%	(30)	05/17/10 20:13			
alpha-BHC	"	0.402	---	0.100	"	"	--	"	80.4%	"	5.97%	"	"			
beta-BHC	"	0.404	---	0.100	"	"	--	"	80.8%	"	7.02%	"	"			
delta-BHC	"	0.426	---	0.100	"	"	--	"	85.1%	"	3.90%	"	"			
gamma-BHC (Lindane)	"	0.404	---	0.100	"	"	--	"	80.9%	"	4.28%	"	"			
gamma-Chlordane	"	0.388	---	0.100	"	"	--	"	77.7%	"	7.15%	"	"			
alpha-Chlordane	"	0.388	---	0.100	"	"	--	"	77.7%	"	6.09%	"	"			
4,4'-DDD	"	0.465	---	0.100	"	"	--	"	93.0%	"	5.76%	"	"			
4,4'-DDE	"	0.437	---	0.100	"	"	--	"	87.4%	"	5.57%	"	"			
4,4'-DDT	"	0.469	---	0.100	"	"	--	"	93.8%	"	0.287%	"	"			
Dieldrin	"	0.409	---	0.100	"	"	--	"	81.7%	"	6.73%	"	"			
Endosulfan I	"	0.394	---	0.100	"	"	--	"	78.9%	"	5.35%	"	"			
Endosulfan II	"	0.420	---	0.100	"	"	--	"	84.1%	"	5.48%	"	"			
Endosulfan sulfate	"	0.434	---	0.100	"	"	--	"	86.7%	"	5.01%	"	"			
Endrin	"	0.414	---	0.100	"	"	--	"	82.8%	"	5.41%	"	"			
Endrin aldehyde	"	0.402	---	0.100	"	"	--	"	80.5%	"	3.50%	"	"			
Endrin ketone	"	0.471	---	0.100	"	"	--	"	94.2%	"	4.82%	"	"			
Heptachlor	"	0.382	---	0.100	"	"	--	"	76.5%	"	5.24%	"	"			
Heptachlor epoxide	"	0.390	---	0.100	"	"	--	"	78.0%	"	5.04%	"	"			
Methoxychlor	"	0.435	---	0.100	"	"	--	"	87.0%	"	6.64%	"	"			
<i>Surrogate(s): 2,4,5,6-Tetrachloro-m-xylene</i>													<i>Recovery: 69.6%</i>	<i>Limits: 16-137%</i>	<i>"</i>	<i>05/17/10 20:13</i>

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Brian Cone, Industrial Services Manager

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Earth Science Products

PO Box 327
Wilsonville, OR 97070

Project Name: **Soil Stabilizer**
Project Number: Soil Stabilizer
Project Manager: Dennis Turner

Report Created:
05/25/10 16:13

Chlorinated Herbicides per EPA Method 8151A Modified - Laboratory Quality Control Results
TestAmerica Portland

QC Batch: 10E0371 Water Preparation Method: Micro Liq/Liq Shake

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (10E0371-BLK1)													N1	
Extracted: 05/12/10 09:42														
2,4-D	8151mod	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	05/14/10 00:03	
2,4-DB	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	C
2,4,5-T	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	L
2,4,5-TP (Silvex)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dalapon	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	L
Dicamba	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorprop	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dinoseb	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	L
MCPA	"	ND	---	500	"	"	--	--	--	--	--	--	"	
MCPP	"	ND	---	500	"	"	--	--	--	--	--	--	"	

Surrogate(s): 2,4-Dichlorophenylacetic acid Recovery: 105% Limits: 40-160% " 05/14/10 00:03

LCS (10E0371-BS1)

Extracted: 05/12/10 09:42													N1	
2,4-D	8151mod	24.6	---	1.00	ug/l	1x	--	20.0	123%	(60-140)	--	--	05/13/10 23:23	
2,4-DB	"	25.1	---	1.00	"	"	--	"	126%	(55-130)	--	--	"	C8
2,4,5-T	"	24.7	---	1.00	"	"	--	"	123%	(50-110)	--	--	"	L1
2,4,5-TP (Silvex)	"	20.0	---	1.00	"	"	--	"	100%	(60-115)	--	--	"	
Dalapon	"	25.6	---	5.00	"	"	--	"	128%	(60-110)	--	--	"	L1
Dicamba	"	20.9	---	1.00	"	"	--	"	104%	"	--	--	"	
Dichlorprop	"	24.1	---	1.00	"	"	--	"	120%	(70-120)	--	--	"	
Dinoseb	"	20.8	---	1.00	"	"	--	"	104%	(40-95)	--	--	"	L1
MCPA	"	2460	---	500	"	"	--	2000	123%	(60-140)	--	--	"	
MCPP	"	2600	---	500	"	"	--	"	130%	"	--	--	"	

Surrogate(s): 2,4-Dichlorophenylacetic acid Recovery: 117% Limits: 40-160% " 05/13/10 23:23

Duplicate (10E0371-DUP1)

QC Source: PTE0161-05													N1, RL1	
Extracted: 05/12/10 09:42														
2,4-D	8151mod	ND	---	20.0	ug/l	2x	ND	--	--	--	NR (30)		05/13/10 22:43	
2,4-DB	"	ND	---	20.0	"	"	ND	--	--	--	NR	"	"	C
2,4,5-T	"	ND	---	20.0	"	"	ND	--	--	--	NR	"	"	L
2,4,5-TP (Silvex)	"	ND	---	20.0	"	"	ND	--	--	--	NR	"	"	
Dalapon	"	ND	---	100	"	"	ND	--	--	--	NR	"	"	L
Dicamba	"	ND	---	20.0	"	"	ND	--	--	--	NR	"	"	
Dichlorprop	"	ND	---	20.0	"	"	ND	--	--	--	NR	"	"	
Dinoseb	"	ND	---	20.0	"	"	ND	--	--	--	NR	"	"	L
MCPA	"	ND	---	10000	"	"	ND	--	--	--	NR	"	"	
MCPP	"	ND	---	10000	"	"	ND	--	--	--	NR	"	"	

Surrogate(s): 2,4-Dichlorophenylacetic acid Recovery: 113% Limits: 40-160% " 05/13/10 22:43

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Brian Cone, Industrial Services Manager

Earth Science Products

PO Box 327
Wilsonville, OR 97070

Project Name: **Soil Stabilizer**
Project Number: Soil Stabilizer
Project Manager: Dennis Turner

Report Created:
05/25/10 16:13

Notes and Definitions

Report Specific Notes:

- A-01 - The MS and/or MSD were above the acceptance limit.
- A-02 - Laboratory Control Sample recovery was above acceptance limits.
- C - Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
- C8 - Calibration Verification recovery was above the method control limit for this analyte. A high bias may be indicated.
- L - Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
- L1 - Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
- M7 - The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- N1 - See case narrative.
- R4 - Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
- RL1 - Reporting limit raised due to sample matrix effects.

Laboratory Reporting Conventions:

- DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
- ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
- NR/NA - Not Reported / Not Available
- dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
- Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Portland



Brian Cone, Industrial Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

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THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 425-420-9200 FAX 420-9210
 11922 E. First Ave, Spokane, WA 99206-5302
 509-924-9200 FAX 924-9290
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 503-906-9200 FAX 906-9210
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: **PT20161**

CLIENT: EARTH SCIENCE PRODUCTS		INVOICE TO:		TURNAROUND REQUEST	
REPORT TO: P.O. Box 327		PRESERVATIVE		in Business Days *	
ADDRESS: Wilsonville, OR 97070		REQUESTED ANALYSES		<input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 Organic & Inorganic Analyses	
PHONE: 503-678-1216 FAX: 503-678-3374		OTHER		<input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 Petroleum Hydrocarbon Analyses	
PROJECT NAME:		SPECIFY:		<input type="checkbox"/> 10 <input type="checkbox"/> STD. * Turnaround Requests less than standard may incur Rush Charges.	
PROJECT NUMBER:		DATE:		DATE: 5-6-10	
SAMPLED BY: Dennis Turner		TIME:		TIME: 1325	
CLIENT SAMPLE IDENTIFICATION		FIRM:		FIRM: KAREN WILSON TAP	
1. Condor SS		DATE:		DATE:	
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3. Condor Digestion		DATE:		DATE:	
4. Cond Reclaimen		TIME:		TIME:	
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RELEASED BY: Dennis Turner		RECEIVED BY:		RECEIVED BY: KAREN WILSON	
PRINT NAME: Dennis Turner		PRINT NAME:		PRINT NAME: KAREN WILSON	
FIRM: ESL		FIRM:		FIRM: TAP	
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TestAmerica Portland
Sample Receiving Checklist

Work Order #: PTE0161 Date/Time Received: 5-6-10 1325
 Client Name and Project: EARTH SCIENCE

Time Zone:

EDT/EST CDT/CST MDT/MST PDT/PST AK OTHER

Unpacking Checks:

Cooler #(s): 1
 Temperatures: 20.1
 Digi #1 Digi #2 IR Gun (Plastic Glass)

Temperature out of Range:

Not enough or No Ice
 Ice Melted
 W/in 4 Hrs of collection
 Other: _____

Initials: [Signature]

- | N/A | Yes | No | |
|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1. If ESI client, were temp blanks received? If no, document on NOD. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Cooler Seals intact? (N/A if hand delivered) if no, document on NOD. |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Chain of Custody present? If no, document on NOD. |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Bottles received intact? If no, document on NOD. |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5. Sample is not multiphasic? If no, document on NOD. |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 6. Proper Container and preservatives used? If no, document on NOD. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7. pH of all samples checked and meet requirements? If no, document on NOD. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 8. Cyanide samples checked for sulfides and meet requirements? If no, notify PM. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 9. HF Dilution required? |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 10. Sufficient volume provided for all analysis? If no, document on NOD and consult PM before proceeding. |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 11. Did chain of custody agree with samples received? If no, document on NOD. |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 12. Is the "Sampled by" section of the COC completed? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 13. Were VOA/Oil Syringe samples without headspace? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 14. Were VOA vials preserved? <input type="checkbox"/> HCl <input type="checkbox"/> Sodium Thiosulfate <input type="checkbox"/> Ascorbic Acid |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 15. Did samples require preservation with sodium thiosulfate? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 16. If yes to #15, was the residual chlorine test negative? If no, document on NOD. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 17. Are dissolved/field filtered metals bottles sediment-free? If no, document on NOD. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 18. Is sufficient volume provided for client requested MS/MSD or matrix duplicates? If no, document on NOD and contact PM before proceeding. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 19. Are analyses with short holding times received in hold? |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 20. Was Standard Turn Around (TAT) requested? |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 21. Receipt date(s) < 48 hours past the collection date(s)? If no, notify PM. |

TestAmerica Portland
Sample Receiving Checklist

Work Order #: PTE0161

Login Checks:

Initials: PS

- | N/A | Yes | No | |
|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------|
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 22. Sufficient volume provided for all analysis? If no, document on NOD & contact PM. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 23. Sufficient volume provided for client requested MS/MSD or matrix duplicates? If no, document on NOD and contact PM. |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 24. Did the chain of custody include "received by" and "relinquished by" signatures, dates and times? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 25. Were special log in instructions read and followed? |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 26. Were tests logged checked against the COC? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 27. Were rush notices printed and delivered? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 28. Were short hold notices printed and delivered? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 29. Were subcontract COCs printed? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 30. Was HF dilution logged? |

Labeling and Storage Checks:

Initials: _____

- | N/A | Yes | No | |
|--------------------------|--------------------------|--------------------------|-----------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 31. Were the subcontracted samples/containers put in Sx fridge? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 32. Were sample bottles and COC double checked for dissolved/filtered metals? |
| | <input type="checkbox"/> | <input type="checkbox"/> | 33. Did the sample ID, Date, and Time from label match what was logged? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 34. Were Foreign sample stickers affixed to each container and containers stored in foreign fridge? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 35. Were HF stickers affixed to each container, and containers stored in Sx fridge? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 36. Was an NOD for created for noted discrepancies and placed in folder? |

Document any problems or discrepancies and the actions taken to resolve them on a Notice of Discrepancy form (NOD).