TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Valparaiso
2400 Cumberland Drive
Valparaiso, IN 46383
Tel: (219)464-2389

TestAmerica Job ID: 510-87585-1
Client Project/Site: United Transportation Group

For:
United Transportation Group Inc.
1150 East 145 Street
East Chicago, Indiana 46312

Attn: Mr. Fred Davis

Diana Mockler

Authorized for release by:
1/17/2013 11:00:25 AM

Diana Mockler
Project Manager I
diana.mockler@testamericainc.com

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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.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Fax Message

To: Fred Davis

From: Diana J Mockler

Company: United Transportation Group Inc.

Date: 1/17/2013

Fax: (219) 392-8110

Pages: ____

Subject: United Transportation Group

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TestAmerica Laboratories, Inc.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions 3
Client Sample Results 4
QC Sample Results 5
Chronicle 8
Certification Summary 9
Method Summary 10
Sample Summary 11
Chain of Custody 12
Receipt Checklists 14

Definitions/Glossary

Client: United Transportation Group Inc.
Project/Site: United Transportation Group

TestAmerica Job ID: 510-87585-1

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, Reanalysis, Re-extraction, or additional initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
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: United Transportation Group Inc.
Project/Site: United Transportation Group

TestAmerica Job ID: 510-87585-1

Client Sample ID: CATEGORICALS - Comp

Lab Sample ID: 510-87585-1
Matrix: Water

Date Collected: 01/03/13 00:00
Date Received: 01/04/13 11:30

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<0.080		0.080		mg/L		01/08/13 14:16	01/12/13 00:30	1
Carbazole	<0.040		0.040		mg/L		01/08/13 14:16	01/12/13 00:30	1
Cresol, o-	<0.040		0.040		mg/L		01/08/13 14:16	01/12/13 00:30	1
Decane	<0.040		0.040		mg/L		01/08/13 14:16	01/14/13 19:54	1
Fluoranthene	<0.040		0.040		mg/L		01/08/13 14:16	01/12/13 00:30	1
m & p - Cresol	<0.040		0.040		mg/L		01/08/13 14:16	01/12/13 00:30	1
n-Octadecane	0.046		0.040		mg/L		01/08/13 14:16	01/14/13 19:54	1
Phenanthrene	<40		40		ug/L		01/08/13 14:16	01/12/13 00:30	1
2,4,6-Trichlorophenol	<0.040		0.040		mg/L		01/08/13 14:16	01/12/13 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*29 - 120*	*01/08/13 14:16*	*01/12/13 00:30*	*1*
2-Fluorobiphenyl	*59*		*29 - 120*	*01/08/13 14:16*	*01/14/13 19:54*	*1*
2-Fluorophenol	*38*		*10 - 120*	*01/08/13 14:16*	*01/12/13 00:30*	*1*
2-Fluorophenol	*39*		*10 - 120*	*01/08/13 14:16*	*01/14/13 19:54*	*1*
Nitrobenzene-d5	*62*		*24 - 120*	*01/08/13 14:16*	*01/12/13 00:30*	*1*
Nitrobenzene-d5	*63*		*24 - 120*	*01/08/13 14:16*	*01/14/13 19:54*	*1*
Phenol-d5	*28*		*10 - 120*	*01/08/13 14:16*	*01/12/13 00:30*	*1*
Phenol-d5	*28*		*10 - 120*	*01/08/13 14:16*	*01/14/13 19:54*	*1*
Terphenyl-d14	*103*		*14 - 137*	*01/08/13 14:16*	*01/12/13 00:30*	*1*
Terphenyl-d14	*99*		*14 - 137*	*01/08/13 14:16*	*01/14/13 19:54*	*1*
2,4,6-Tribromophenol	*103*		*13 - 136*	*01/08/13 14:16*	*01/12/13 00:30*	*1*
2,4,6-Tribromophenol	*80*		*13 - 136*	*01/08/13 14:16*	*01/14/13 19:54*	*1*

Method: 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.022		0.0020		mg/L		01/07/13 07:05	01/09/13 21:06	1

Method: 245.2 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		01/08/13 09:30	01/08/13 15:41	1

Client Sample ID: CATEGORICALS - Grab

Lab Sample ID: 510-87585-2
Matrix: Water

Date Collected: 01/03/13 10:00
Date Received: 01/04/13 11:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<2.4		2.4		mg/L			01/15/13 09:06	1

QC Sample Results

Client: United Transportation Group Inc.
Project/Site: United Transportation Group

TestAmerica Job ID: 510-87585-1

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 510-109037/1-A
Matrix: Water
Analysis Batch: 109212

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109037

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<0.020		0.020		mg/L		01/08/13 14:06	01/11/13 19:59	1
Carbazole	<0.010		0.010		mg/L		01/08/13 14:06	01/11/13 19:59	1
Cresol, o-	<0.010		0.010		mg/L		01/08/13 14:06	01/11/13 19:59	1
Fluoranthene	<0.010		0.010		mg/L		01/08/13 14:06	01/11/13 19:59	1
m & p - Cresol	<0.010		0.010		mg/L		01/08/13 14:06	01/11/13 19:59	1
Phenanthrene	<10		10		ug/L		01/08/13 14:06	01/11/13 19:59	1
2,4,6-Trichlorophenol	<0.010		0.010		mg/L		01/08/13 14:06	01/11/13 19:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	55		29 - 120	01/08/13 14:06	01/11/13 19:59	1
2-Fluorophenol	39		10 - 120	01/08/13 14:06	01/11/13 19:59	1
Nitrobenzene-d5	62		24 - 120	01/08/13 14:06	01/11/13 19:59	1
Phenol-d5	28		10 - 120	01/08/13 14:06	01/11/13 19:59	1
Terphenyl-d14	104		14 - 137	01/08/13 14:06	01/11/13 19:59	1
2,4,6-Tribromophenol	66		13 - 136	01/08/13 14:06	01/11/13 19:59	1

Lab Sample ID: MB 510-109037/1-A
Matrix: Water
Analysis Batch: 109261

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109037

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Decane	<0.010		0.010		mg/L		01/08/13 14:06	01/14/13 19:33	1
n-Octadecane	<0.010		0.010		mg/L		01/08/13 14:06	01/14/13 19:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	62		29 - 120	01/08/13 14:06	01/14/13 19:33	1
2-Fluorophenol	39		10 - 120	01/08/13 14:06	01/14/13 19:33	1
Nitrobenzene-d5	67		24 - 120	01/08/13 14:06	01/14/13 19:33	1
Phenol-d5	27		10 - 120	01/08/13 14:06	01/14/13 19:33	1
Terphenyl-d14	104		14 - 137	01/08/13 14:06	01/14/13 19:33	1
2,4,6-Tribromophenol	72		13 - 136	01/08/13 14:06	01/14/13 19:33	1

Lab Sample ID: LCS 510-109037/2-A
Matrix: Water
Analysis Batch: 109212

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109037

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	0.0500	0.0407		mg/L		81	10 - 158
Carbazole	0.0500	0.0415		mg/L		83	10 - 150
Cresol, o-	0.0500	0.0321		mg/L		64	10 - 150
Fluoranthene	0.0500	0.0424		mg/L		85	26 - 137
m & p - Cresol	0.0500	0.0300		mg/L		60	10 - 150
Phenanthrene	50.0	41.3		ug/L		83	54 - 120
2,4,6-Trichlorophenol	0.0500	0.0388		mg/L		77	37 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	76		29 - 120

QC Sample Results

Client: United Transportation Group Inc.
Project/Site: United Transportation Group

TestAmerica Job ID: 510-87585-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 510-109037/2-A
Matrix: Water
Analysis Batch: 109212

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109037

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	43		10 - 120
Nitrobenzene-d5	67		24 - 120
Phenol-d5	33		10 - 120
Terphenyl-d14	97		14 - 137
2,4,6-Tribromophenol	89		13 - 136

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 510-108956/1-A
Matrix: Water
Analysis Batch: 109149

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 108956

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.0020		0.0020		mg/L		01/07/13 07:05	01/09/13 19:28	1

Lab Sample ID: LCS 510-108956/2-A
Matrix: Water
Analysis Batch: 109149

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 108956

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	0.200	0.217		mg/L		108	85 - 115

Method: 245.2 - Mercury (CVAA)

Lab Sample ID: MB 510-109015/10-A
Matrix: Water
Analysis Batch: 109046

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109015

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		01/08/13 09:30	01/08/13 15:37	1

Lab Sample ID: LCS 510-109015/11-A
Matrix: Water
Analysis Batch: 109046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109015

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00500	0.00548		mg/L		109	80 - 120

Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-109295/3
Matrix: Water
Analysis Batch: 109295

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<2.0		2.0		mg/L			01/15/13 09:06	1

QC Sample Results

Client: United Transportation Group Inc.
Project/Site: United Transportation Group

TestAmerica Job ID: 510-87585-1

Method: 1664A - HEM and SGT-HEM (Continued)

Lab Sample ID: LCS 510-109295/4
Matrix: Water
Analysis Batch: 109295

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil and Grease)	40.0	39.1		mg/L		98	78 - 114

5

Lab Chronicle

Client: United Transportation Group Inc.
Project/Site: United Transportation Group

TestAmerica Job ID: 510-87585-1

Client Sample ID: CATEGORICALS - Comp

Lab Sample ID: 510-87585-1
Matrix: Water

Date Collected: 01/03/13 00:00
Date Received: 01/04/13 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	CWA_Prep			109037	01/08/13 14:15	CJR	TAL VAL
Total/NA	Analysis	625		1	109212	01/12/13 00:30	WDS	TAL VAL
Total/NA	Analysis	625		1	109261	01/14/13 18:54	WDS	TAL VAL
Total/NA	Prep	245.2			109015	01/08/13 09:30	LWN	TAL VAL
Total/NA	Analysis	245.2		1	109048	01/08/13 15:41	TLA	TAL VAL
Total Recoverable	Prep	200.8			108956	01/07/13 07:05	LWN	TAL VAL
Total Recoverable	Analysis	200.8		1	109149	01/09/13 21:06	BJH	TAL VAL

Client Sample ID: CATEGORICALS - Grab

Lab Sample ID: 510-87585-2
Matrix: Water

Date Collected: 01/03/13 10:00
Date Received: 01/04/13 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1	108295	01/15/13 09:06	BAH	TAL VAL

Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

Certification Summary

Client: United Transportation Group Inc.
Project/Site: United Transportation Group

TestAmerica Job ID: 510-87585-1

Laboratory: TestAmerica Valparaiso

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Illinois	NELAP	5	200085	01-31-13
Indiana	State Program	5	M-84-4	12-31-13
Indiana	State Program	5	C-84-01	11-26-15
Kentucky (UST)	State Program	4	57	02-01-13
New Hampshire	NELAP	1	2837	01-31-13
USDA	Federal		P330-11-00073	02-09-14
Washington	State Program	10	C842	06-18-13

Method Summary

Client: United Transportation Group Inc.
Project/Site: United Transportation Group

TestAmerica Job ID: 510-87585-1

Method	Method Description	Protocol	Laboratory
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL VAL
200.8	Metals (ICP/MS)	EPA	TAL VAL
245.2	Mercury (CVAA)	EPA	TAL VAL
1664A	HEM and SGT-HEM	1664A	TAL VAL

Protocol References:

1664A = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

Sample Summary

Client: United Transportation Group Inc.
Project/Site: United Transportation Group

TestAmerica Job ID: 510-87585-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-87585-1	CATEGORICALS - Comp	Water	01/03/13 00:00	01/04/13 11:30
510-87585-2	CATEGORICALS - Grab	Water	01/03/13 10:00	01/04/13 11:30

TestAmerica Valparaiso
2400 Cumberland Drive
Valparaiso, IN 46383
Phone (219) 464-2389 Fax (219) 462-2953

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Fred Davis	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 510-20547-8774.1
Client Contact: Mr. Fred Davis	Phone:	E-Mail: diana.mockler@testamericainc.com		Page: Page 1 of 1
Company: United Transportation Group Inc.				Job #:
Address: 1150 East 145 Street	Due Date Requested:			
City: East Chicago	TAT Requested (days):			
State, Zip: IN, 46312				
Phone: 219-398-7777 (Tel) 219-392-8110(Fax)	PO #: Purchase Order not required			
Email: waterguy@frankenrcleaning.com	WO #:			
Project Name: United Transportation Group	Project #: 51000083			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=soil, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300.0_CWA_245.2	625 - (MOD) Fluoranthene, Phenanthrene	1664A_NP - Grease & Oil - Grab	Total Number of containers	Special Instructions/Note:
87585			Preservation Code:				D	N	S		
-1 CATEGORICALS	1-3-13	0800	C	Water			✓	✓			
-2	1-3-13	1100	G	Water					✓		

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	1-4-13 0950	UTG	Mandy Brembt	1-4-13 0950	Test America
Mandy Brembt	1-4-13 1130	Test America	[signature]	1/4/13 1130	TestAm
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

510-28-15 CONTRACTED FOR 35 DAYS

1/4/2013

Login Container Summary Report

510-87585

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Preservative Added (mls)	Lot #
CATGGORICALS - Comp	510-87585-A-1	Plastic 500ml - with Nitric Acid	<2		
CATGGORICALS - Comp	510-87585-B-1	Amber Glass 1 liter - unpreserved	—		
CATGGORICALS - Comp	510-87585-C-1	Amber Glass 1 liter - unpreserved	—		
CATGGORICALS - Grab	510-87585-A-2	Amber Glass 1 liter Wide - Sulfuric	—		
CATGGORICALS - Grab	510-87585-B-2	Amber Glass 1 liter Wide - Sulfuric	—		

DX 1/4/13

Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-87585-1

Login Number: 87585
List Number: 1
Creator: Richter, Debbie D

List Source: TestAmerica Valparaiso

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
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.	True	
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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.