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FROEHLING & ROBERTSON, INC.

Engineering • Environmental • Geotechnical
NC Engineering License # F-0266

2505 Hutchison-McDonald Road
Charlotte, North Carolina 28269 I USA
T 704.596.2889 I F 704.596.3784

RECEIVED
NCDENR
Division of Waste Management

JAN 29 2010

UST Section
Mooresville Regional Office

January 27, 2010

Mr. Dan Graham
NCDENR - Mooresville Regional Office – UST Section
610 E. Center Avenue, Suite 301
Mooresville, North Carolina 28115

Reference: Results of Water Well Sampling
Town of China Grove - Town Maintenance Area
618 Salisbury Street
China Grove, Rowan County, North Carolina
Incident No.: 8805
Preapproval Task No. 1448
F&R File No.: 63L-0334

Dear Mr. Graham:

In accordance with the Notice of Regulatory Requirements dated November 13, 2009 from the North Department of Environment and Natural Resources (NCDENR), personnel of Froehling & Robertson, Inc. (F&R) collected groundwater samples from monitoring wells 3, 4, and 8D at the project site on January 7, 2010. Monitoring well MW-1 was caved in or blocked at approximately six (6) feet below the ground surface and could not be sampled.

The groundwater samples were submitted to a North Carolina accredited laboratory (Empirical Laboratories) for the required analyses including: volatile organic compounds (VOCs) by EPA Method SM6200B, Massachusetts Department of Environmental Protection Volatile Petroleum Hydrocarbons (MADEP-VPH), and total lead by EPA Method 3030C. The sampling and analytical services performed by F&R were preapproved by the NCDENR and the Preapproval Authorization Form is provided as an attachment to this report. A summary of the sample results is as follows:

Monitoring Well 3

VOC's: Chloroform = 0.692 µg/L

MADEP-VPH = ND

Total Lead = ND

Monitoring Well 4

VOC's: Chloroform = 2.08 µg/L

Tetrachloroethene = 0.483 µg/L

Trichloroethene = 3.98 µg/L

MADEP-VPH = ND

Total Lead = ND

Monitoring Well 8D

VOC's = Non Detect (ND)

MADEP-VPH = ND

Total Lead = 2.02 µg/L

ND = Not detected above method detection limit

The concentrations of all contaminants of concern were below the laboratory method detection limits or were determined to be below the N.C. Ground Water Quality Standards (GWQS). With the exception of Trichloroethene, all contaminants of concern found were below the N.C. GWQS concentrations. A copy of the laboratory analytical results and the chain of custody are provided as an attachment. If you have any questions or comments regarding this report, please contact the undersigned.

Respectfully Submitted,
FROEHLING AND ROBERTSON, INC.

Andrew Kosse, LEED AP
Environmental Group Manager

Reviewed by:

FOR

DeWitt Whitten, CHMM, REM, CES REPA
Senior Environmental Professional

cc: Mr. Kent Mishak, Town of China Grove

PREAPPROVAL/CLAIM AUTHORIZATION FORM

Department of Environment & Natural Resources - Division of Waste Management

Site Name	Town of China Grove-Town Maintenance Area	City / County	China Grove / Rowan	Incident #	8805
Responsible Party	Town of China Grove	Incident Mgr	Dan Graham	Region	MOR
RP Type *(Owner/Operator / Landowner / Attorney-in-fact)*	Owner Operator	TA Supplement / Change Order?	No	Prev. TA #	0
Primary Consultant	Froehling & Robertson				
Phone / Fax Number	704-596-2889 704-596-3784				
Project Mgr / Email	Andrew Kosse / akosse@fandr.com				
Proposal# / Scope Dates	1063-297E, 12-7-09				
Has STF Eligibility Been Determined?	YES / NO / Pending				

(Reserved for Incident Manager)

Task Authorization Number:	TA-01
Site Risk / Rank / Abatement:	HOR
Type (Comm / NonComm / Both)	Com
***Site Status** (Active or NFA/Date)*	Active

Note: This form should be used to receive preapproval from the UST Section. A proposal must be attached to elaborate on the costs for the tasks listed below that describes the scope of work and the rationale for the proposed activities. If you discover that unexpected tasks must be performed, incurring costs that exceed the amount preapproved in this authorization, you must complete and submit a separate preapproval request designated as a "TA Supplement / Change Order" in the provided space above. Include a copy of the prior preapproval form as well. Please attach this form to the cover of the corresponding claim when requesting reimbursement. **IMPORTANT:** Only one claim may be submitted during a quarter or 3-month period. All preapprovals submitted within a claim are closed with that claim. Final reimbursement of costs associated with the Total Claimed amount below may vary depending on the eligibility status of the site (i.e., deductibles, apportionment, etc.), and the documentary validation of incurred costs as reasonable and necessary expenses per 15A NCAC 2P .0402 and .0404.

- **Attach all Main Consultant/Contractor invoices.**
- **Attach proof of payment directly to the front of each invoice.**

PREAPPROVAL / TASK AUTHORIZATION *(See Instructions / RRD for Tasks requiring Preapproval / Task Authorization)*									FINAL REIMBURSEMENT *(Must Complete with Claim Submittal)*	
Third Party?	Task #	Lab Code#	Proposed Units / Type *(Consultant)*	RO Auth	Proposed Rate/Price *(Consultant)*	CO Auth	Proposed Task Subtotal *(Consultant)*	Preapproved Subtotal *(UST Section)*	Dates of Work *(Consultant)* Started / Completed	Claimed Amount *(Consultant)*
☐	4.032		4 / S&A		$64.00	✓	$256.00	0	/	
☐	4.031		4 / S&A	✓	$155.00		$620.00	✓	/	
☐	4.090	272	4 / S&A	✓	$95.00		$380.00	✓	/	
☐	4.090	330	4 / S&A	✓	$15.00		$60.00	✓	/	
☐	4.090	341	4 / S&A	✓	$97.00	✓	$388.00	✓	/	
☐			/						/	
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RECEIVED NCDENR Division of Waste Management JAN 05 2010 UST Section Mooresville Regional Office

	Requested	Preapproved		Claimed
TOTALS:	$1,704.00	1498		
Total Standard Costs (Non-Third Party)	$1,704.00	1498	*Total Standard Costs*	
Total applied as Third Party Costs	$0.00		*Total Third Pty Costs*	

Main Consultant	Project Mgr Signature:	Andy Kosse	Date: 12-9-09
UST Section	RO Task Authorization:	Dan Graham	Date: 12/10/09
	CO Rate Authorization:	Dan Graham for Craig McIntosh	Date: 12/18/09

***Important:** The date of reimbursement of costs approved herein is dependent on the balance of funds in the Trust Fund. There may be a delay in the reimbursement of claims for work done.

** SSA = "See Supporting Attachment" for additional details on sub-task unit reductions in multi-phase tasks *(e.g. Tasks 2.084, 4.090, 7.420, etc.)*

*** ✓ +/- Reviewer Initials = Task, Unit count, or Rate approved in full as presented by Consultant.

Froehling & Robertson	Project: China Grove Town Maint. Area	
3015 Dumbarton Road	Project Number: ChinaGTMArea	**Reported:**
Richmond VA, 23228	Project Manager: Accounts Payable	01/19/2010 14:21

MW4

1001045-01 (Water)

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals in Water by ICP-AES										
Lead	ND	1.50	3.00	ug/L	1	0A09001	01/09/10	01/12/10	SW6010C	U
Volatile Petroleum Hydrocarbons by GC										
C5-C8 Aliphatics	ND	150	150	ug/L	1	0A11022	01/11/10	01/12/10	MA VPH	U
C9-C12 Aliphatics (unadjusted)	ND	150	150	ug/L	1	0A11022	01/11/10	01/12/10	MA VPH	U
C9-C10 Aromatics	ND	100	100	ug/L	1	0A11022	01/11/10	01/12/10	MA VPH	U
Surrogate: 2,5-Dibromotoluene		*98.2 %*		*70-130*		*0A11022*	*01/11/10*	*01/12/10*	*MA VPH*	
Surrogate: 2,5-Dibromotoluene [2C]		*97.6 %*		*70-130*		*0A11022*	*01/11/10*	*01/12/10*	*MA VPH*	
Volatile Organic Compounds by GC/MS										
Benzene	ND	0.140	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Bromobenzene	ND	0.220	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Bromochloromethane	ND	0.310	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Bromodichloromethane	ND	0.180	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Bromoform	ND	0.500	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Bromomethane	ND	0.320	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
n-Butylbenzene	ND	0.180	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
sec-Butylbenzene	ND	0.140	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
tert-Butylbenzene	ND	0.190	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Carbon disulfide	ND	0.260	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Carbon tetrachloride	ND	0.240	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Chlorobenzene	ND	0.210	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Chloroethane	ND	0.270	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Chloroform	**2.08**	0.230	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	
Chloromethane	ND	0.360	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
2-Chlorotoluene	ND	0.230	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
4-Chlorotoluene	ND	0.290	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Dibromochloromethane	ND	0.180	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2-Dibromo-3-chloropropane	ND	0.550	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2-Dibromoethane (EDB)	ND	0.240	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Dibromomethane	ND	0.280	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2-Dichlorobenzene	ND	0.160	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,3-Dichlorobenzene	ND	0.250	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,4-Dichlorobenzene	ND	0.250	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Dichlorodifluoromethane	ND	1.00	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1-Dichloroethane	ND	0.240	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2-Dichloroethane	ND	0.220	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1-Dichloroethene	ND	0.280	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
cis-1,2-Dichloroethene	ND	0.450	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
trans-1,2-Dichloroethene	ND	0.530	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U

Empirical Laboratories, LLC

621 Mainstream Drive, Suite 270
Nashville, TN 37228
615.345.1115 Phone
615.846.5426 Fax

19 January 2010

Accounts Payable
Froehling & Robertson
3015 Dumbarton Road
Richmond, VA 23228

RE: China Grove Town Maint. Area

Enclosed are the results of analyses for samples received by the laboratory on 01/09/2010 09:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brian Richard
Project Manager

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW4	1001045-01	Water	01/07/2010 15:15	01/09/2010 09:00
MW8	1001045-02	Water	01/07/2010 15:40	01/09/2010 09:00
MW3	1001045-03	Water	01/07/2010 16:05	01/09/2010 09:00

The samples were received and processed using normal regulatory and laboratory protocols. Unless noted in the Final Report, there were no significant data anomalies or failures noted during data assessment and reporting. The results within this report relate only to the samples received and reported for this project and this report shall not be reproduced except in full, without the approval of Empirical Laboratories, LLC.

The test results meet all requirements of NELAC unless otherwise noted. Data uncertainty is linked to the method and regulatory mandated quality control data associated with the sample.

VOC

LCS-Recovery for Dichlorodifluoromethane in sample 0A14013-BSD1 was outside the acceptable range of 70-130% at 137%. Recoveries for Bromomethane and 2,2-Dichloropropane in sample 0A14013-BSD2 were outside the acceptable range of 70-130% at 66.1% and 63.1%.

VPH

All VPH ranges are reported as unadjusted. Both FID and PID use 2,5-Dibromotoluene as their surrogate. The PID surrogate has a "[2C]" immediately following the 2,5-Dibromotoluene.

CERTIFICATION INFORMATION

Prior to accepting a Project, Empirical Laboratories, LLC verifies certification requirements and where applicable ensures that the requirements are in place prior to sample analysis. In many cases, states do not carry matrix or program specific certifications. Please contact your Project Manager should specific certification information not be listed in this report. The following is a listing of all applicable certifications for the reported project.

State of North Carolina, Department of Environment and Natural Resources, Certificate No.:643
NELAC Certification #TN473

Froehling & Robertson	Project: China Grove Town Maint. Area	
3015 Dumbarton Road	Project Number: ChinaGTMArea	**Reported:**
Richmond VA, 23228	Project Manager: Accounts Payable	01/19/2010 14:21

MW4

1001045-01 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Empirical Laboratories, LLC										
Volatile Organic Compounds by GC/MS										
1,2-Dichloropropane	ND	0.270	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,3-Dichloropropane	ND	0.150	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
2,2-Dichloropropane	ND	0.230	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1-Dichloropropene	ND	0.190	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
cis-1,3-Dichloropropene	ND	0.150	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
trans-1,3-Dichloropropene	ND	0.170	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Diisopropyl Ether	ND	0.200	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Ethylbenzene	ND	0.150	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Hexachlorobutadiene	ND	0.520	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Isopropylbenzene	ND	0.150	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
p-Isopropyltoluene	ND	0.200	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Methylene chloride	ND	1.67	5.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Naphthalene	ND	0.500	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Methyl t-Butyl Ether	ND	0.250	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
n-Propylbenzene	ND	0.220	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Styrene	ND	0.240	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1,2,2-Tetrachloroethane	ND	0.230	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1,1,2-Tetrachloroethane	ND	0.190	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Tetrachloroethene	**0.483**	0.170	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	J
Toluene	ND	0.190	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2,3-Trichlorobenzene	ND	0.430	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2,4-Trichlorobenzene	ND	0.280	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1,2-Trichloroethane	ND	0.260	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1,1-Trichloroethane	ND	0.290	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Trichloroethene	**3.98**	0.500	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	
Trichlorofluoromethane	ND	0.250	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,3,5-Trimethylbenzene	ND	0.180	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2,4-Trimethylbenzene	ND	0.150	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Vinyl chloride	ND	0.200	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
m,p-Xylene	ND	0.330	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
o-Xylene	ND	0.330	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Xylenes (total)	ND	0.220	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Surrogate: Bromofluorobenzene		*93.4 %*		*70-130*		*0A14013*	*01/14/10*	*01/14/10*	*SM6200B*	
Surrogate: Dibromofluoromethane		*98.5 %*		*70-130*		*0A14013*	*01/14/10*	*01/14/10*	*SM6200B*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*		*70-130*		*0A14013*	*01/14/10*	*01/14/10*	*SM6200B*	
Surrogate: Toluene-d8		*117 %*		*70-130*		*0A14013*	*01/14/10*	*01/14/10*	*SM6200B*	

Froehling & Robertson 3015 Dumbarton Road Richmond VA, 23228	Project: China Grove Town Maint. Area Project Number: ChinaGTMArea Project Manager: Accounts Payable	**Reported:** 01/19/2010 14:21

MW8

1001045-02 (Water)

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals in Water by ICP-AES										
Lead	**2.02**	1.50	3.00	ug/L	1	0A09001	01/09/10	01/12/10	SW6010C	J
Volatile Petroleum Hydrocarbons by GC										
C5-C8 Aliphatics	ND	150	150	ug/L	1	0A11022	01/11/10	01/12/10	MA VPH	U
C9-C12 Aliphatics (unadjusted)	ND	150	150	ug/L	1	0A11022	01/11/10	01/12/10	MA VPH	U
C9-C10 Aromatics	ND	100	100	ug/L	1	0A11022	01/11/10	01/12/10	MA VPH	U
Surrogate: 2,5-Dibromotoluene		*96.3 %*		*70-130*		*0A11022*	*01/11/10*	*01/12/10*	*MA VPH*	
Surrogate: 2,5-Dibromotoluene [2C]		*95.8 %*		*70-130*		*0A11022*	*01/11/10*	*01/12/10*	*MA VPH*	
Volatile Organic Compounds by GC/MS										
Benzene	ND	0.140	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Bromobenzene	ND	0.220	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Bromochloromethane	ND	0.310	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Bromodichloromethane	ND	0.180	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Bromoform	ND	0.500	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Bromomethane	ND	0.320	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
n-Butylbenzene	ND	0.180	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
sec-Butylbenzene	ND	0.140	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
tert-Butylbenzene	ND	0.190	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Carbon disulfide	ND	0.260	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Carbon tetrachloride	ND	0.240	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Chlorobenzene	ND	0.210	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Chloroethane	ND	0.270	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Chloroform	ND	0.230	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Chloromethane	ND	0.360	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
2-Chlorotoluene	ND	0.230	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
4-Chlorotoluene	ND	0.290	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Dibromochloromethane	ND	0.180	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2-Dibromo-3-chloropropane	ND	0.550	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2-Dibromoethane (EDB)	ND	0.240	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Dibromomethane	ND	0.280	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2-Dichlorobenzene	ND	0.160	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,3-Dichlorobenzene	ND	0.250	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,4-Dichlorobenzene	ND	0.250	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Dichlorodifluoromethane	ND	1.00	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1-Dichloroethane	ND	0.240	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2-Dichloroethane	ND	0.220	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1-Dichloroethene	ND	0.280	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
cis-1,2-Dichloroethene	ND	0.450	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
trans-1,2-Dichloroethene	ND	0.530	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U

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MW8

1001045-02 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Empirical Laboratories, LLC										
Volatile Organic Compounds by GC/MS										
1,2-Dichloropropane	ND	0.270	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,3-Dichloropropane	ND	0.150	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
2,2-Dichloropropane	ND	0.230	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1-Dichloropropene	ND	0.190	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
cis-1,3-Dichloropropene	ND	0.150	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
trans-1,3-Dichloropropene	ND	0.170	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Diisopropyl Ether	ND	0.200	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Ethylbenzene	ND	0.150	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Hexachlorobutadiene	ND	0.520	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Isopropylbenzene	ND	0.150	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
p-Isopropyltoluene	ND	0.200	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Methylene chloride	ND	1.67	5.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Naphthalene	ND	0.500	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Methyl t-Butyl Ether	ND	0.250	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
n-Propylbenzene	ND	0.220	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Styrene	ND	0.240	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1,2,2-Tetrachloroethane	ND	0.230	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1,1,2-Tetrachloroethane	ND	0.190	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Tetrachloroethene	ND	0.170	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Toluene	ND	0.190	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2,3-Trichlorobenzene	ND	0.430	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2,4-Trichlorobenzene	ND	0.280	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1,2-Trichloroethane	ND	0.260	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1,1-Trichloroethane	ND	0.290	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Trichloroethene	ND	0.500	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Trichlorofluoromethane	ND	0.250	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,3,5-Trimethylbenzene	ND	0.180	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2,4-Trimethylbenzene	ND	0.150	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Vinyl chloride	ND	0.200	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
m,p-Xylene	ND	0.330	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
o-Xylene	ND	0.330	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Xylenes (total)	ND	0.220	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Surrogate: Bromofluorobenzene		*92.3 %*		*70-130*		*0A14013*	*01/14/10*	*01/14/10*	*SM6200B*	
Surrogate: Dibromofluoromethane		*100 %*		*70-130*		*0A14013*	*01/14/10*	*01/14/10*	*SM6200B*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*		*70-130*		*0A14013*	*01/14/10*	*01/14/10*	*SM6200B*	
Surrogate: Toluene-d8		*116 %*		*70-130*		*0A14013*	*01/14/10*	*01/14/10*	*SM6200B*	

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MW3

1001045-03 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Empirical Laboratories, LLC										
Metals in Water by ICP-AES										
Lead	ND	1.50	3.00	ug/L	1	0A09001	01/09/10	01/12/10	SW6010C	U
Volatile Petroleum Hydrocarbons by GC										
C5-C8 Aliphatics	ND	150	150	ug/L	1	0A11022	01/11/10	01/12/10	MA VPH	U
C9-C12 Aliphatics (unadjusted)	ND	150	150	ug/L	1	0A11022	01/11/10	01/12/10	MA VPH	U
C9-C10 Aromatics	ND	100	100	ug/L	1	0A11022	01/11/10	01/12/10	MA VPH	U
Surrogate: 2,5-Dibromotoluene		*99.0 %*		*70-130*		*0A11022*	*01/11/10*	*01/12/10*	*MA VPH*	
Surrogate: 2,5-Dibromotoluene [2C]		*97.7 %*		*70-130*		*0A11022*	*01/11/10*	*01/12/10*	*MA VPH*	
Volatile Organic Compounds by GC/MS										
Benzene	ND	0.140	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Bromobenzene	ND	0.220	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Bromochloromethane	ND	0.310	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Bromodichloromethane	ND	0.180	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Bromoform	ND	0.500	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Bromomethane	ND	0.320	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
n-Butylbenzene	ND	0.180	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
sec-Butylbenzene	ND	0.140	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
tert-Butylbenzene	ND	0.190	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Carbon disulfide	ND	0.260	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Carbon tetrachloride	ND	0.240	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Chlorobenzene	ND	0.210	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Chloroethane	ND	0.270	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Chloroform	**0.692**	0.230	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	J
Chloromethane	ND	0.360	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
2-Chlorotoluene	ND	0.230	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
4-Chlorotoluene	ND	0.290	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Dibromochloromethane	ND	0.180	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2-Dibromo-3-chloropropane	ND	0.550	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2-Dibromoethane (EDB)	ND	0.240	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Dibromomethane	ND	0.280	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2-Dichlorobenzene	ND	0.160	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,3-Dichlorobenzene	ND	0.250	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,4-Dichlorobenzene	ND	0.250	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Dichlorodifluoromethane	ND	1.00	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1-Dichloroethane	ND	0.240	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2-Dichloroethane	ND	0.220	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1-Dichloroethene	ND	0.280	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
cis-1,2-Dichloroethene	ND	0.450	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
trans-1,2-Dichloroethene	ND	0.530	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U

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MW3

1001045-03 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Empirical Laboratories, LLC										
Volatile Organic Compounds by GC/MS										
1,2-Dichloropropane	ND	0.270	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,3-Dichloropropane	ND	0.150	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
2,2-Dichloropropane	ND	0.230	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1-Dichloropropene	ND	0.190	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
cis-1,3-Dichloropropene	ND	0.150	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
trans-1,3-Dichloropropene	ND	0.170	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Diisopropyl Ether	ND	0.200	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Ethylbenzene	ND	0.150	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Hexachlorobutadiene	ND	0.520	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Isopropylbenzene	ND	0.150	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
p-Isopropyltoluene	ND	0.200	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Methylene chloride	ND	1.67	5.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Naphthalene	ND	0.500	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Methyl t-Butyl Ether	ND	0.250	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
n-Propylbenzene	ND	0.220	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Styrene	ND	0.240	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1,2,2-Tetrachloroethane	ND	0.230	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1,1,2-Tetrachloroethane	ND	0.190	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Tetrachloroethene	ND	0.170	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Toluene	ND	0.190	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2,3-Trichlorobenzene	ND	0.430	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2,4-Trichlorobenzene	ND	0.280	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1,2-Trichloroethane	ND	0.260	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,1,1-Trichloroethane	ND	0.290	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Trichloroethene	ND	0.500	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Trichlorofluoromethane	ND	0.250	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,3,5-Trimethylbenzene	ND	0.180	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
1,2,4-Trimethylbenzene	ND	0.150	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Vinyl chloride	ND	0.200	2.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
m,p-Xylene	ND	0.330	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
o-Xylene	ND	0.330	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Xylenes (total)	ND	0.220	1.00	ug/L	1	0A14013	01/14/10	01/14/10	SM6200B	U
Surrogate: Bromofluorobenzene		*90.4 %*		*70-130*		*0A14013*	*01/14/10*	*01/14/10*	*SM6200B*	
Surrogate: Dibromofluoromethane		*100 %*		*70-130*		*0A14013*	*01/14/10*	*01/14/10*	*SM6200B*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*70-130*		*0A14013*	*01/14/10*	*01/14/10*	*SM6200B*	
Surrogate: Toluene-d8		*114 %*		*70-130*		*0A14013*	*01/14/10*	*01/14/10*	*SM6200B*	

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Metals in Water by ICP-AES - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A04001											
Matrix Spike (0A04001-MS1)		**Source: 0912255-04**		Prepared: 01/04/2010 Analyzed: 01/12/2010							
Lead	120.2	0.375	0.750	ug/L	125.0	ND	96.1	80-120			
Matrix Spike Dup (0A04001-MSD1)		**Source: 0912255-04**		Prepared: 01/04/2010 Analyzed: 01/12/2010							
Lead	118.4	0.375	0.750	ug/L	125.0	ND	94.7	80-120	1.49	20	
Batch 0A09001											
Blank (0A09001-BLK1)				Prepared: 01/09/2010 Analyzed: 01/12/2010							
Lead	ND	1.50	3.00	ug/L							U
LCS (0A09001-BS1)				Prepared: 01/09/2010 Analyzed: 01/12/2010							
Lead	235.7	1.50	3.00	ug/L	250.0		94.3	80-120			
Matrix Spike (0A09001-MS1)		**Source: 1001039-08**		Prepared: 01/09/2010 Analyzed: 01/12/2010							
Lead	233.3	1.50	3.00	ug/L	250.0	ND	93.3	80-120		20	
Matrix Spike Dup (0A09001-MSD1)		**Source: 1001039-08**		Prepared: 01/09/2010 Analyzed: 01/12/2010							
Lead	239.8	1.50	3.00	ug/L	250.0	ND	95.9	80-120	2.73	20	
Batch 0A09002											
Blank (0A09002-BLK1)				Prepared: 01/09/2010 Analyzed: 01/12/2010							
Lead	ND	1.50	3.00	ug/L							U
LCS (0A09002-BS1)				Prepared: 01/09/2010 Analyzed: 01/12/2010							
Lead	234.2	1.50	3.00	ug/L	250.0		93.7	80-120			

Froehling & Robertson	Project: China Grove Town Maint. Area	
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Metals in Water by ICP-AES - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A11013											
Blank (0A11013-BLK1)					Prepared: 01/11/2010 Analyzed: 01/12/2010						
Lead	ND	1.50	3.00	ug/L							U
LCS (0A11013-BS1)					Prepared: 01/11/2010 Analyzed: 01/12/2010						
Lead	248.0	1.50	3.00	ug/L	250.0		99.2	80-120			
Matrix Spike (0A11013-MS1)		**Source: 1001029-04**			Prepared: 01/11/2010 Analyzed: 01/12/2010						
Lead	250.2	1.50	3.00	ug/L	250.0	ND	100	80-120			
Matrix Spike (0A11013-MS2)		**Source: 1001032-02**			Prepared: 01/11/2010 Analyzed: 01/12/2010						
Lead	247.6	1.50	3.00	ug/L	250.0	ND	99.0	80-120			
Matrix Spike Dup (0A11013-MSD1)		**Source: 1001029-04**			Prepared: 01/11/2010 Analyzed: 01/12/2010						
Lead	247.1	1.50	3.00	ug/L	250.0	ND	98.8	80-120	1.23	20	
Matrix Spike Dup (0A11013-MSD2)		**Source: 1001032-02**			Prepared: 01/11/2010 Analyzed: 01/12/2010						
Lead	248.1	1.50	3.00	ug/L	250.0	ND	99.2	80-120	0.210	20	

Frochling & Robertson	Project: China Grove Town Maint. Area	
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Volatile Petroleum Hydrocarbons by GC - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A11022											
Blank (0A11022-BLK1)				Prepared & Analyzed: 01/11/2010							
C5-C8 Aliphatics	ND	150	150	ug/L							U
C9-C12 Aliphatics (unadjusted)	ND	150	150	ug/L							U
C9-C10 Aromatics	ND	100	100	ug/L							U
Surrogate: 2,5-Dibromotoluene	*185.8*			*ug/L*	*200.0*		*92.9*	*70-130*			
Surrogate: 2,5-Dibromotoluene [2C]	*181.3*			*ug/L*	*200.0*		*90.7*	*70-130*			
LCS (0A11022-BS1)				Prepared & Analyzed: 01/11/2010							
C5-C8 Aliphatics	558.7	150	150	ug/L	600.0		93.1	70-130		40	
C9-C12 Aliphatics (unadjusted)	590.5	150	150	ug/L	600.0		98.4	70-130		40	
C9-C10 Aromatics	196.3	100	100	ug/L	200.0		98.1	70-130		40	
Surrogate: 2,5-Dibromotoluene	*217.5*			*ug/L*	*200.0*		*109*	*70-130*			
Surrogate: 2,5-Dibromotoluene [2C]	*214.3*			*ug/L*	*200.0*		*107*	*70-130*			
LCS Dup (0A11022-BSD1)				Prepared & Analyzed: 01/11/2010							
C5-C8 Aliphatics	582.3	150	150	ug/L	600.0		97.1	70-130	4.15	40	
C9-C12 Aliphatics (unadjusted)	610.9	150	150	ug/L	600.0		102	70-130	3.39	40	
C9-C10 Aromatics	202.8	100	100	ug/L	200.0		101	70-130	3.26	40	
Surrogate: 2,5-Dibromotoluene	*221.2*			*ug/L*	*200.0*		*111*	*70-130*			
Surrogate: 2,5-Dibromotoluene [2C]	*215.8*			*ug/L*	*200.0*		*108*	*70-130*			
Batch 0A11023											
Blank (0A11023-BLK1)				Prepared: 01/11/2010 Analyzed: 01/12/2010							
C5-C8 Aliphatics	ND	7.50	7.50	mg/Kg wet							U
C9-C12 Aliphatics (unadjusted)	ND	7.50	7.50	mg/Kg wet							U
C9-C10 Aromatics	ND	5.00	5.00	mg/Kg wet							U
Surrogate: 2,5-Dibromotoluene	*9.832*			*mg/Kg wet*	*10.00*		*98.3*	*70-130*			
Surrogate: 2,5-Dibromotoluene [2C]	*9.841*			*mg/Kg wet*	*10.00*		*98.4*	*70-130*			

Froehling & Robertson	Project: China Grove Town Maint. Area	
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Volatile Petroleum Hydrocarbons by GC - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A11023											
LCS (0A11023-BS1)					Prepared: 01/11/2010 Analyzed: 01/12/2010						
C5-C8 Aliphatics	27.4	7.50	7.50	mg/Kg wet	30.00		91.4	70-130			
C9-C12 Aliphatics (unadjusted)	28.9	7.50	7.50	mg/Kg wet	30.00		96.3	70-130			
C9-C10 Aromatics	9.78	5.00	5.00	mg/Kg wet	10.00		97.8	70-130			
Surrogate: 2,5-Dibromotoluene	*10.39*			*mg/Kg wet*	*10.00*		*104*	*70-130*			
Surrogate: 2,5-Dibromotoluene [2C]	*10.47*			*mg/Kg wet*	*10.00*		*105*	*70-130*			
LCS Dup (0A11023-BSD1)					Prepared: 01/11/2010 Analyzed: 01/12/2010						
C5-C8 Aliphatics	27.4	7.50	7.50	mg/Kg wet	30.00		91.3	70-130	0.118	40	
C9-C12 Aliphatics (unadjusted)	28.9	7.50	7.50	mg/Kg wet	30.00		96.3	70-130	0.0244	40	
C9-C10 Aromatics	9.87	5.00	5.00	mg/Kg wet	10.00		98.7	70-130	0.955	40	
Surrogate: 2,5-Dibromotoluene	*10.19*			*mg/Kg wet*	*10.00*		*102*	*70-130*			
Surrogate: 2,5-Dibromotoluene [2C]	*10.24*			*mg/Kg wet*	*10.00*		*102*	*70-130*			

Froehling & Robertson	Project: China Grove Town Maint. Area	
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Richmond VA, 23228	Project Manager: Accounts Payable	01/19/2010 14:21

Volatile Organic Compounds by GC/MS - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A14013											
Blank (0A14013-BLK1)					Prepared & Analyzed: 01/14/2010						
Benzene	ND	0.140	1.00	ug/L							U
Bromobenzene	ND	0.220	1.00	ug/L							U
Bromochloromethane	ND	0.310	2.00	ug/L							U
Bromodichloromethane	ND	0.180	1.00	ug/L							U
Bromoform	ND	0.500	1.00	ug/L							U
Bromomethane	ND	0.320	2.00	ug/L							U
n-Butylbenzene	ND	0.180	1.00	ug/L							U
sec-Butylbenzene	ND	0.140	1.00	ug/L							U
tert-Butylbenzene	ND	0.190	1.00	ug/L							U
Carbon disulfide	ND	0.260	1.00	ug/L							U
Carbon tetrachloride	ND	0.240	1.00	ug/L							U
Chlorobenzene	ND	0.210	1.00	ug/L							U
Chloroethane	ND	0.270	2.00	ug/L							U
Chloroform	ND	0.230	1.00	ug/L							U
Chloromethane	ND	0.360	2.00	ug/L							U
2-Chlorotoluene	ND	0.230	1.00	ug/L							U
4-Chlorotoluene	ND	0.290	1.00	ug/L							U
Dibromochloromethane	ND	0.180	1.00	ug/L							U
1,2-Dibromo-3-chloropropane	ND	0.550	2.00	ug/L							U
1,2-Dibromoethane (EDB)	ND	0.240	1.00	ug/L							U
Dibromomethane	ND	0.280	1.00	ug/L							U
1,2-Dichlorobenzene	ND	0.160	1.00	ug/L							U
1,3-Dichlorobenzene	ND	0.250	1.00	ug/L							U
1,4-Dichlorobenzene	ND	0.250	1.00	ug/L							U
Dichlorodifluoromethane	ND	1.00	2.00	ug/L							U
1,1-Dichloroethane	ND	0.240	1.00	ug/L							U
1,2-Dichloroethane	ND	0.220	1.00	ug/L							U
1,1-Dichloroethene	ND	0.280	1.00	ug/L							U
cis-1,2-Dichloroethene	ND	0.450	1.00	ug/L							U
trans-1,2-Dichloroethene	ND	0.530	1.00	ug/L							U

Froehling & Robertson	Project: China Grove Town Maint. Area	
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Volatile Organic Compounds by GC/MS - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A14013											
Blank (0A14013-BLK1)				Prepared & Analyzed: 01/14/2010							
1,2-Dichloropropane	ND	0.270	1.00	ug/L							U
1,3-Dichloropropane	ND	0.150	1.00	ug/L							U
2,2-Dichloropropane	ND	0.230	1.00	ug/L							U
1,1-Dichloropropene	ND	0.190	1.00	ug/L							U
cis-1,3-Dichloropropene	ND	0.150	1.00	ug/L							U
trans-1,3-Dichloropropene	ND	0.170	1.00	ug/L							U
Diisopropyl Ether	ND	0.200	1.00	ug/L							U
Ethylbenzene	ND	0.150	1.00	ug/L							U
Hexachlorobutadiene	ND	0.520	1.00	ug/L							U
Isopropylbenzene	ND	0.150	1.00	ug/L							U
p-Isopropyltoluene	ND	0.200	1.00	ug/L							U
Methylene chloride	ND	1.67	5.00	ug/L							U
Naphthalene	ND	0.500	1.00	ug/L							U
Methyl t-Butyl Ether	ND	0.250	1.00	ug/L							U
n-Propylbenzene	ND	0.220	1.00	ug/L							U
Styrene	ND	0.240	1.00	ug/L							U
1,1,2,2-Tetrachloroethane	ND	0.230	1.00	ug/L							U
1,1,1,2-Tetrachloroethane	ND	0.190	1.00	ug/L							U
Tetrachloroethene	ND	0.170	1.00	ug/L							U
Toluene	ND	0.190	1.00	ug/L							U
1,2,3-Trichlorobenzene	ND	0.430	1.00	ug/L							U
1,2,4-Trichlorobenzene	ND	0.280	1.00	ug/L							U
1,1,2-Trichloroethane	ND	0.260	1.00	ug/L							U
1,1,1-Trichloroethane	ND	0.290	1.00	ug/L							U
Trichloroethene	ND	0.500	1.00	ug/L							U
Trichlorofluoromethane	ND	0.250	2.00	ug/L							U
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L							U
1,3,5-Trimethylbenzene	ND	0.180	1.00	ug/L							U
1,2,4-Trimethylbenzene	ND	0.150	1.00	ug/L							U
Vinyl chloride	ND	0.200	2.00	ug/L							U

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Volatile Organic Compounds by GC/MS - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A14013											
Blank (0A14013-BLK1)					Prepared & Analyzed: 01/14/2010						
m,p-Xylene	ND	0.330	1.00	ug/L							U
o-Xylene	ND	0.330	1.00	ug/L							U
Xylenes (total)	ND	0.220	1.00	ug/L							U
Surrogate: Bromofluorobenzene	*28.23*			*ug/L*	*30.00*		*94.1*	*70-130*			
Surrogate: Dibromofluoromethane	*29.64*			*ug/L*	*30.00*		*98.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*30.55*			*ug/L*	*30.00*		*102*	*70-130*			
Surrogate: Toluene-d8	*34.70*			*ug/L*	*30.00*		*116*	*70-130*			
Blank (0A14013-BLK2)					Prepared: 01/14/2010 Analyzed: 01/15/2010						
Benzene	ND	0.140	1.00	ug/L							U
Bromobenzene	ND	0.220	1.00	ug/L							U
Bromochloromethane	ND	0.310	2.00	ug/L							U
Bromodichloromethane	ND	0.180	1.00	ug/L							U
Bromoform	ND	0.500	1.00	ug/L							U
Bromomethane	ND	0.320	2.00	ug/L							U
n-Butylbenzene	ND	0.180	1.00	ug/L							U
sec-Butylbenzene	ND	0.140	1.00	ug/L							U
tert-Butylbenzene	ND	0.190	1.00	ug/L							U
Carbon disulfide	ND	0.260	1.00	ug/L							U
Carbon tetrachloride	ND	0.240	1.00	ug/L							U
Chlorobenzene	ND	0.210	1.00	ug/L							U
Chloroethane	ND	0.270	2.00	ug/L							U
Chloroform	ND	0.230	1.00	ug/L							U
Chloromethane	ND	0.360	2.00	ug/L							U
2-Chlorotoluene	ND	0.230	1.00	ug/L							U
4-Chlorotoluene	ND	0.290	1.00	ug/L							U
Dibromochloromethane	ND	0.180	1.00	ug/L							U
1,2-Dibromo-3-chloropropane	ND	0.550	2.00	ug/L							U
1,2-Dibromoethane (EDB)	ND	0.240	1.00	ug/L							U
Dibromomethane	ND	0.280	1.00	ug/L							U
1,2-Dichlorobenzene	ND	0.160	1.00	ug/L							U
1,3-Dichlorobenzene	ND	0.250	1.00	ug/L							U

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Volatile Organic Compounds by GC/MS - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A14013											
Blank (0A14013-BLK2)				Prepared: 01/14/2010 Analyzed: 01/15/2010							
1,4-Dichlorobenzene	ND	0.250	1.00	ug/L							U
Dichlorodifluoromethane	ND	1.00	2.00	ug/L							U
1,1-Dichloroethane	ND	0.240	1.00	ug/L							U
1,2-Dichloroethane	ND	0.220	1.00	ug/L							U
1,1-Dichloroethene	ND	0.280	1.00	ug/L							U
cis-1,2-Dichloroethene	ND	0.450	1.00	ug/L							U
trans-1,2-Dichloroethene	ND	0.530	1.00	ug/L							U
1,2-Dichloropropane	ND	0.270	1.00	ug/L							U
1,3-Dichloropropane	ND	0.150	1.00	ug/L							U
2,2-Dichloropropane	ND	0.230	1.00	ug/L							U
1,1-Dichloropropene	ND	0.190	1.00	ug/L							U
cis-1,3-Dichloropropene	ND	0.150	1.00	ug/L							U
trans-1,3-Dichloropropene	ND	0.170	1.00	ug/L							U
Diisopropyl Ether	ND	0.200	1.00	ug/L							U
Ethylbenzene	ND	0.150	1.00	ug/L							U
Hexachlorobutadiene	ND	0.520	1.00	ug/L							U
Isopropylbenzene	ND	0.150	1.00	ug/L							U
p-Isopropyltoluene	ND	0.200	1.00	ug/L							U
Methylene chloride	ND	1.67	5.00	ug/L							U
Naphthalene	ND	0.500	1.00	ug/L							U
Methyl t-Butyl Ether	ND	0.250	1.00	ug/L							U
n-Propylbenzene	ND	0.220	1.00	ug/L							U
Styrene	ND	0.240	1.00	ug/L							U
1,1,2,2-Tetrachloroethane	ND	0.230	1.00	ug/L							U
1,1,1,2-Tetrachloroethane	ND	0.190	1.00	ug/L							U
Tetrachloroethene	ND	0.170	1.00	ug/L							U
Toluene	ND	0.190	1.00	ug/L							U
1,2,3-Trichlorobenzene	ND	0.430	1.00	ug/L							U
1,2,4-Trichlorobenzene	ND	0.280	1.00	ug/L							U
1,1,2-Trichloroethane	ND	0.260	1.00	ug/L							U

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Volatile Organic Compounds by GC/MS - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A14013											
Blank (0A14013-BLK2)					Prepared: 01/14/2010 Analyzed: 01/15/2010						
1,1,1-Trichloroethane	ND	0.290	1.00	ug/L							U
Trichloroethene	ND	0.500	1.00	ug/L							U
Trichlorofluoromethane	ND	0.250	2.00	ug/L							U
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L							U
1,3,5-Trimethylbenzene	ND	0.180	1.00	ug/L							U
1,2,4-Trimethylbenzene	ND	0.150	1.00	ug/L							U
Vinyl chloride	ND	0.200	2.00	ug/L							U
m,p-Xylene	ND	0.330	1.00	ug/L							U
o-Xylene	ND	0.330	1.00	ug/L							U
Xylenes (total)	ND	0.220	1.00	ug/L							U
Surrogate: Bromofluorobenzene	*27.96*			*ug/L*	*30.00*		*93.2*	*70-130*			
Surrogate: Dibromofluoromethane	*29.60*			*ug/L*	*30.00*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*30.68*			*ug/L*	*30.00*		*102*	*70-130*			
Surrogate: Toluene-d8	*34.89*			*ug/L*	*30.00*		*116*	*70-130*			
LCS (0A14013-BS1)					Prepared & Analyzed: 01/14/2010						
Benzene	45.4	0.140	1.00	ug/L	50.00		90.8	70-130		30	
Bromobenzene	55.5	0.220	1.00	ug/L	50.00		111	70-130		30	
Bromochloromethane	44.3	0.310	2.00	ug/L	50.00		88.6	70-130		30	
Bromodichloromethane	43.1	0.180	1.00	ug/L	50.00		86.1	70-130		30	
Bromoform	52.2	0.500	1.00	ug/L	50.00		104	70-130		30	
Bromomethane	41.7	0.320	2.00	ug/L	50.00		83.4	70-130		30	
n-Butylbenzene	49.9	0.180	1.00	ug/L	50.00		99.8	70-130		30	
sec-Butylbenzene	55.8	0.140	1.00	ug/L	50.00		112	70-130		30	
tert-Butylbenzene	55.7	0.190	1.00	ug/L	50.00		111	70-130		30	
Carbon disulfide	53.6	0.260	1.00	ug/L	50.00		107	70-130		30	
Carbon tetrachloride	45.0	0.240	1.00	ug/L	50.00		90.0	70-130		30	
Chlorobenzene	50.4	0.210	1.00	ug/L	50.00		101	70-130		30	
Chloroethane	48.8	0.270	2.00	ug/L	50.00		97.5	70-130		30	
Chloroform	38.8	0.230	1.00	ug/L	50.00		77.5	70-130		30	
Chloromethane	57.0	0.360	2.00	ug/L	50.00		114	70-130		30	
2-Chlorotoluene	56.1	0.230	1.00	ug/L	50.00		112	70-130		30	

Frochling & Robertson	Project: China Grove Town Maint. Area	
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Richmond VA, 23228	Project Manager: Accounts Payable	01/19/2010 14:21

Volatile Organic Compounds by GC/MS - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A14013											
LCS (0A14013-BS1)					Prepared & Analyzed: 01/14/2010						
4-Chlorotoluene	55.6	0.290	1.00	ug/L	50.00		111	70-130		30	
Dibromochloromethane	54.1	0.180	1.00	ug/L	50.00		108	70-130		30	
1,2-Dibromo-3-chloropropane	45.8	0.550	2.00	ug/L	50.00		91.7	70-130		30	
1,2-Dibromoethane (EDB)	50.5	0.240	1.00	ug/L	50.00		101	70-130		30	
Dibromomethane	39.6	0.280	1.00	ug/L	50.00		79.2	70-130		30	
1,2-Dichlorobenzene	52.5	0.160	1.00	ug/L	50.00		105	70-130		30	
1,3-Dichlorobenzene	54.4	0.250	1.00	ug/L	50.00		109	70-130		30	
1,4-Dichlorobenzene	54.0	0.250	1.00	ug/L	50.00		108	70-130		30	
Dichlorodifluoromethane	61.4	1.00	2.00	ug/L	50.00		123	70-130		30	
1,1-Dichloroethane	44.5	0.240	1.00	ug/L	50.00		88.9	70-130		30	
1,2-Dichloroethane	44.5	0.220	1.00	ug/L	50.00		89.1	70-130		30	
1,1-Dichloroethene	43.5	0.280	1.00	ug/L	50.00		86.9	70-130		30	
cis-1,2-Dichloroethene	41.4	0.450	1.00	ug/L	50.00		82.9	70-130		30	
trans-1,2-Dichloroethene	41.4	0.530	1.00	ug/L	50.00		82.8	70-130		30	
1,2-Dichloropropane	42.5	0.270	1.00	ug/L	50.00		85.0	70-130		30	
1,3-Dichloropropane	51.2	0.150	1.00	ug/L	50.00		102	70-130		30	
2,2-Dichloropropane	43.7	0.230	1.00	ug/L	50.00		87.4	70-130		30	
1,1-Dichloropropene	46.0	0.190	1.00	ug/L	50.00		92.0	70-130		30	
cis-1,3-Dichloropropene	43.7	0.150	1.00	ug/L	50.00		87.4	70-130		30	
trans-1,3-Dichloropropene	56.5	0.170	1.00	ug/L	50.00		113	70-130		30	
Diisopropyl Ether	46.4	0.200	1.00	ug/L	50.00		92.8	70-130		30	
Ethylbenzene	52.3	0.150	1.00	ug/L	50.00		105	70-130		30	
Hexachlorobutadiene	65.1	0.520	1.00	ug/L	50.00		130	70-130		30	
Isopropylbenzene	60.7	0.150	1.00	ug/L	50.00		121	70-130		30	
p-Isopropyltoluene	56.7	0.200	1.00	ug/L	50.00		113	70-130		30	
Methylene chloride	41.4	1.67	5.00	ug/L	50.00		82.7	70-130		30	
Naphthalene	50.9	0.500	1.00	ug/L	50.00		102	70-130		30	
Methyl t-Butyl Ether	46.0	0.250	1.00	ug/L	50.00		92.0	70-130		30	
n-Propylbenzene	52.7	0.220	1.00	ug/L	50.00		105	70-130		30	
Styrene	52.7	0.240	1.00	ug/L	50.00		105	70-130		30	

Froehling & Robertson	Project: China Grove Town Maint. Area	
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Volatile Organic Compounds by GC/MS - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A14013											
LCS (0A14013-BS1)					Prepared & Analyzed: 01/14/2010						
1,1,2,2-Tetrachloroethane	53.2	0.230	1.00	ug/L	50.00		106	70-130		30	
1,1,1,2-Tetrachloroethane	53.3	0.190	1.00	ug/L	50.00		107	70-130		30	
Tetrachloroethene	54.6	0.170	1.00	ug/L	50.00		109	70-130		30	
Toluene	52.4	0.190	1.00	ug/L	50.00		105	70-130		30	
1,2,3-Trichlorobenzene	53.9	0.430	1.00	ug/L	50.00		108	70-130		30	
1,2,4-Trichlorobenzene	54.1	0.280	1.00	ug/L	50.00		108	70-130		30	
1,1,2-Trichloroethane	46.7	0.260	1.00	ug/L	50.00		93.4	70-130		30	
1,1,1-Trichloroethane	40.7	0.290	1.00	ug/L	50.00		81.3	70-130		30	
Trichloroethene	42.0	0.500	1.00	ug/L	50.00		84.1	70-130		30	
Trichlorofluoromethane	48.7	0.250	2.00	ug/L	50.00		97.5	70-130		30	
1,2,3-Trichloropropane	47.6	0.500	1.00	ug/L	50.00		95.3	70-130		30	
1,3,5-Trimethylbenzene	52.8	0.180	1.00	ug/L	50.00		106	70-130		30	
1,2,4-Trimethylbenzene	53.6	0.150	1.00	ug/L	50.00		107	70-130		30	
Vinyl chloride	52.9	0.200	2.00	ug/L	50.00		106	70-130		30	
m,p-Xylene	102	0.330	1.00	ug/L	100.0		102	70-130		30	
o-Xylene	50.8	0.330	1.00	ug/L	50.00		102	70-130		30	
Xylenes (total)	153	0.220	1.00	ug/L	150.0		102	70-130		30	
Surrogate: Bromofluorobenzene	*28.30*			*ug/L*	*30.00*		*94.3*	*70-130*			
Surrogate: Dibromofluoromethane	*29.44*			*ug/L*	*30.00*		*98.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*30.56*			*ug/L*	*30.00*		*102*	*70-130*			
Surrogate: Toluene-d8	*33.32*			*ug/L*	*30.00*		*111*	*70-130*			
LCS (0A14013-BS2)					Prepared: 01/14/2010 Analyzed: 01/15/2010						
Benzene	44.8	0.140	1.00	ug/L	50.00		89.6	70-130		30	
Bromobenzene	54.5	0.220	1.00	ug/L	50.00		109	70-130		30	
Bromochloromethane	44.4	0.310	2.00	ug/L	50.00		88.7	70-130		30	
Bromodichloromethane	42.2	0.180	1.00	ug/L	50.00		84.3	70-130		30	
Bromoform	51.0	0.500	1.00	ug/L	50.00		102	70-130		30	
Bromomethane	41.1	0.320	2.00	ug/L	50.00		82.3	70-130		30	
n-Butylbenzene	50.6	0.180	1.00	ug/L	50.00		101	70-130		30	
sec-Butylbenzene	54.0	0.140	1.00	ug/L	50.00		108	70-130		30	
tert-Butylbenzene	54.4	0.190	1.00	ug/L	50.00		109	70-130		30	

Froehling & Robertson 3015 Dumbarton Road Richmond VA, 23228	Project: China Grove Town Maint. Area Project Number: ChinaGTMArea Project Manager: Accounts Payable	**Reported:** 01/19/2010 14:21

Volatile Organic Compounds by GC/MS - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A14013											
LCS (0A14013-BS2)					Prepared: 01/14/2010 Analyzed: 01/15/2010						
Carbon disulfide	52.7	0.260	1.00	ug/L	50.00		105	70-130		30	
Carbon tetrachloride	44.1	0.240	1.00	ug/L	50.00		88.3	70-130		30	
Chlorobenzene	51.0	0.210	1.00	ug/L	50.00		102	70-130		30	
Chloroethane	51.0	0.270	2.00	ug/L	50.00		102	70-130		30	
Chloroform	37.7	0.230	1.00	ug/L	50.00		75.4	70-130		30	
Chloromethane	55.7	0.360	2.00	ug/L	50.00		111	70-130		30	
2-Chlorotoluene	53.6	0.230	1.00	ug/L	50.00		107	70-130		30	
4-Chlorotoluene	53.4	0.290	1.00	ug/L	50.00		107	70-130		30	
Dibromochloromethane	53.6	0.180	1.00	ug/L	50.00		107	70-130		30	
1,2-Dibromo-3-chloropropane	42.9	0.550	2.00	ug/L	50.00		85.8	70-130		30	
1,2-Dibromoethane (EDB)	50.1	0.240	1.00	ug/L	50.00		100	70-130		30	
Dibromomethane	39.3	0.280	1.00	ug/L	50.00		78.6	70-130		30	
1,2-Dichlorobenzene	51.2	0.160	1.00	ug/L	50.00		102	70-130		30	
1,3-Dichlorobenzene	51.9	0.250	1.00	ug/L	50.00		104	70-130		30	
1,4-Dichlorobenzene	54.1	0.250	1.00	ug/L	50.00		108	70-130		30	
Dichlorodifluoromethane	60.7	1.00	2.00	ug/L	50.00		121	70-130		30	
1,1-Dichloroethane	43.8	0.240	1.00	ug/L	50.00		87.7	70-130		30	
1,2-Dichloroethane	42.6	0.220	1.00	ug/L	50.00		85.3	70-130		30	
1,1-Dichloroethene	43.3	0.280	1.00	ug/L	50.00		86.6	70-130		30	
cis-1,2-Dichloroethene	41.5	0.450	1.00	ug/L	50.00		82.9	70-130		30	
trans-1,2-Dichloroethene	41.0	0.530	1.00	ug/L	50.00		82.1	70-130		30	
1,2-Dichloropropane	42.0	0.270	1.00	ug/L	50.00		84.1	70-130		30	
1,3-Dichloropropane	50.6	0.150	1.00	ug/L	50.00		101	70-130		30	
2,2-Dichloropropane	36.4	0.230	1.00	ug/L	50.00		72.9	70-130		30	
1,1-Dichloropropene	45.8	0.190	1.00	ug/L	50.00		91.5	70-130		30	
cis-1,3-Dichloropropene	42.0	0.150	1.00	ug/L	50.00		84.0	70-130		30	
trans-1,3-Dichloropropene	54.1	0.170	1.00	ug/L	50.00		108	70-130		30	
Diisopropyl Ether	45.3	0.200	1.00	ug/L	50.00		90.6	70-130		30	
Ethylbenzene	52.4	0.150	1.00	ug/L	50.00		105	70-130		30	
Hexachlorobutadiene	59.6	0.520	1.00	ug/L	50.00		119	70-130		30	

Froehling & Robertson	Project: China Grove Town Maint. Area	
3015 Dumbarton Road	Project Number: ChinaGTMArea	**Reported:**
Richmond VA, 23228	Project Manager: Accounts Payable	01/19/2010 14:21

Volatile Organic Compounds by GC/MS - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A14013											
LCS (0A14013-BS2)					Prepared: 01/14/2010 Analyzed: 01/15/2010						
Isopropylbenzene	61.5	0.150	1.00	ug/L	50.00		123	70-130		30	
p-Isopropyltoluene	54.9	0.200	1.00	ug/L	50.00		110	70-130		30	
Methylene chloride	40.6	1.67	5.00	ug/L	50.00		81.1	70-130		30	
Naphthalene	51.8	0.500	1.00	ug/L	50.00		104	70-130		30	
Methyl t-Butyl Ether	43.7	0.250	1.00	ug/L	50.00		87.4	70-130		30	
n-Propylbenzene	51.3	0.220	1.00	ug/L	50.00		103	70-130		30	
Styrene	53.2	0.240	1.00	ug/L	50.00		106	70-130		30	
1,1,2,2-Tetrachloroethane	50.4	0.230	1.00	ug/L	50.00		101	70-130		30	
1,1,1,2-Tetrachloroethane	52.9	0.190	1.00	ug/L	50.00		106	70-130		30	
Tetrachloroethene	54.7	0.170	1.00	ug/L	50.00		109	70-130		30	
Toluene	52.8	0.190	1.00	ug/L	50.00		106	70-130		30	
1,2,3-Trichlorobenzene	53.3	0.430	1.00	ug/L	50.00		107	70-130		30	
1,2,4-Trichlorobenzene	53.9	0.280	1.00	ug/L	50.00		108	70-130		30	
1,1,2-Trichloroethane	46.6	0.260	1.00	ug/L	50.00		93.2	70-130		30	
1,1,1-Trichloroethane	40.2	0.290	1.00	ug/L	50.00		80.3	70-130		30	
Trichloroethene	41.4	0.500	1.00	ug/L	50.00		82.7	70-130		30	
Trichlorofluoromethane	47.7	0.250	2.00	ug/L	50.00		95.4	70-130		30	
1,2,3-Trichloropropane	45.8	0.500	1.00	ug/L	50.00		91.6	70-130		30	
1,3,5-Trimethylbenzene	51.4	0.180	1.00	ug/L	50.00		103	70-130		30	
1,2,4-Trimethylbenzene	53.2	0.150	1.00	ug/L	50.00		106	70-130		30	
Vinyl chloride	53.1	0.200	2.00	ug/L	50.00		106	70-130		30	
m,p-Xylene	103	0.330	1.00	ug/L	100.0		103	70-130		30	
o-Xylene	51.9	0.330	1.00	ug/L	50.00		104	70-130		30	
Xylenes (total)	155	0.220	1.00	ug/L	150.0		103	70-130		30	
Surrogate: Bromofluorobenzene	*28.93*			*ug L*	*30.00*		*96.4*	*70-130*			
Surrogate: Dibromofluoromethane	*29.03*			*ug L*	*30.00*		*96.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*30.30*			*ug L*	*30.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*33.81*			*ug L*	*30.00*		*113*	*70-130*			

Froehling & Robertson	Project: China Grove Town Maint. Area	
3015 Dumbarton Road	Project Number: ChinaGTMArea	**Reported:**
Richmond VA, 23228	Project Manager: Accounts Payable	01/19/2010 14:21

Volatile Organic Compounds by GC/MS - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A14013											
LCS Dup (0A14013-BSD1)					Prepared: 01/14/2010 Analyzed: 01/15/2010						
Benzene	45.9	0.140	1.00	ug/L	50.00		91.8	70-130	1.10	30	
Bromobenzene	55.6	0.220	1.00	ug/L	50.00		111	70-130	0.0915	30	
Bromochloromethane	44.2	0.310	2.00	ug/L	50.00		88.3	70-130	0.360	30	
Bromodichloromethane	43.8	0.180	1.00	ug/L	50.00		87.6	70-130	1.71	30	
Bromoform	51.5	0.500	1.00	ug/L	50.00		103	70-130	1.34	30	
Bromomethane	46.1	0.320	2.00	ug/L	50.00		92.2	70-130	10.0	30	
n-Butylbenzene	54.3	0.180	1.00	ug/L	50.00		109	70-130	8.36	30	
sec-Butylbenzene	56.4	0.140	1.00	ug/L	50.00		113	70-130	1.18	30	
tert-Butylbenzene	56.4	0.190	1.00	ug/L	50.00		113	70-130	1.32	30	
Carbon disulfide	54.3	0.260	1.00	ug/L	50.00		109	70-130	1.38	30	
Carbon tetrachloride	46.8	0.240	1.00	ug/L	50.00		93.7	70-130	4.06	30	
Chlorobenzene	51.4	0.210	1.00	ug/L	50.00		103	70-130	1.82	30	
Chloroethane	52.7	0.270	2.00	ug/L	50.00		105	70-130	7.80	30	
Chloroform	40.0	0.230	1.00	ug/L	50.00		80.0	70-130	3.09	30	
Chloromethane	58.5	0.360	2.00	ug/L	50.00		117	70-130	2.73	30	
2-Chlorotoluene	55.6	0.230	1.00	ug/L	50.00		111	70-130	0.774	30	
4-Chlorotoluene	56.1	0.290	1.00	ug/L	50.00		112	70-130	0.992	30	
Dibromochloromethane	53.8	0.180	1.00	ug/L	50.00		108	70-130	0.521	30	
1,2-Dibromo-3-chloropropane	42.2	0.550	2.00	ug/L	50.00		84.3	70-130	8.36	30	
1,2-Dibromoethane (EDB)	50.5	0.240	1.00	ug/L	50.00		101	70-130	0.148	30	
Dibromomethane	40.2	0.280	1.00	ug/L	50.00		80.4	70-130	1.48	30	
1,2-Dichlorobenzene	52.5	0.160	1.00	ug/L	50.00		105	70-130	0.0663	30	
1,3-Dichlorobenzene	53.1	0.250	1.00	ug/L	50.00		106	70-130	2.45	30	
1,4-Dichlorobenzene	57.2	0.250	1.00	ug/L	50.00		114	70-130	5.72	30	
Dichlorodifluoromethane	68.6	1.00	2.00	ug/L	50.00		137	70-130	11.1	30	
1,1-Dichloroethane	46.2	0.240	1.00	ug/L	50.00		92.4	70-130	3.87	30	
1,2-Dichloroethane	45.7	0.220	1.00	ug/L	50.00		91.4	70-130	2.60	30	
1,1-Dichloroethene	44.3	0.280	1.00	ug/L	50.00		88.5	70-130	1.78	30	
cis-1,2-Dichloroethene	42.5	0.450	1.00	ug/L	50.00		85.1	70-130	2.62	30	
trans-1,2-Dichloroethene	41.5	0.530	1.00	ug/L	50.00		83.0	70-130	0.244	30	

Froehling & Robertson	Project: China Grove Town Maint. Area	
3015 Dumbarton Road	Project Number: ChinaGTMArea	**Reported:**
Richmond VA, 23228	Project Manager: Accounts Payable	01/19/2010 14:21

Volatile Organic Compounds by GC/MS - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A14013											
LCS Dup (0A14013-BSD1)					Prepared: 01/14/2010 Analyzed: 01/15/2010						
1,2-Dichloropropane	43.5	0.270	1.00	ug/L	50.00		86.9	70-130	2.22	30	
1,3-Dichloropropane	51.4	0.150	1.00	ug/L	50.00		103	70-130	0.571	30	
2,2-Dichloropropane	40.1	0.230	1.00	ug/L	50.00		80.3	70-130	8.45	30	
1,1-Dichloropropene	47.0	0.190	1.00	ug/L	50.00		93.9	70-130	2.02	30	
cis-1,3-Dichloropropene	44.0	0.150	1.00	ug/L	50.00		87.9	70-130	0.632	30	
trans-1,3-Dichloropropene	54.9	0.170	1.00	ug/L	50.00		110	70-130	3.00	30	
Diisopropyl Ether	47.7	0.200	1.00	ug/L	50.00		95.4	70-130	2.79	30	
Ethylbenzene	52.0	0.150	1.00	ug/L	50.00		104	70-130	0.606	30	
Hexachlorobutadiene	59.9	0.520	1.00	ug/L	50.00		120	70-130	8.24	30	
Isopropylbenzene	61.5	0.150	1.00	ug/L	50.00		123	70-130	1.22	30	
p-Isopropyltoluene	57.8	0.200	1.00	ug/L	50.00		116	70-130	1.83	30	
Methylene chloride	42.7	1.67	5.00	ug/L	50.00		85.4	70-130	3.16	30	
Naphthalene	52.8	0.500	1.00	ug/L	50.00		106	70-130	3.82	30	
Methyl t-Butyl Ether	45.7	0.250	1.00	ug/L	50.00		91.5	70-130	0.557	30	
n-Propylbenzene	52.7	0.220	1.00	ug/L	50.00		105	70-130	0.0154	30	
Styrene	53.0	0.240	1.00	ug/L	50.00		106	70-130	0.634	30	
1,1,2,2-Tetrachloroethane	51.1	0.230	1.00	ug/L	50.00		102	70-130	4.06	30	
1,1,1,2-Tetrachloroethane	53.3	0.190	1.00	ug/L	50.00		107	70-130	0.0615	30	
Tetrachloroethene	54.0	0.170	1.00	ug/L	50.00		108	70-130	1.14	30	
Toluene	52.4	0.190	1.00	ug/L	50.00		105	70-130	0.0528	30	
1,2,3-Trichlorobenzene	52.2	0.430	1.00	ug/L	50.00		104	70-130	3.15	30	
1,2,4-Trichlorobenzene	55.8	0.280	1.00	ug/L	50.00		112	70-130	3.17	30	
1,1,2-Trichloroethane	46.5	0.260	1.00	ug/L	50.00		92.9	70-130	0.476	30	
1,1,1-Trichloroethane	42.3	0.290	1.00	ug/L	50.00		84.6	70-130	3.91	30	
Trichloroethene	43.0	0.500	1.00	ug/L	50.00		85.9	70-130	2.17	30	
Trichlorofluoromethane	50.5	0.250	2.00	ug/L	50.00		101	70-130	3.66	30	
1,2,3-Trichloropropane	46.8	0.500	1.00	ug/L	50.00		93.6	70-130	1.79	30	
1,3,5-Trimethylbenzene	53.6	0.180	1.00	ug/L	50.00		107	70-130	1.55	30	
1,2,4-Trimethylbenzene	55.9	0.150	1.00	ug/L	50.00		112	70-130	4.26	30	
Vinyl chloride	60.8	0.200	2.00	ug/L	50.00		122	70-130	13.8	30	

Froehling & Robertson 3015 Dumbarton Road Richmond VA, 23228	Project: China Grove Town Maint. Area Project Number: ChinaGTMArea Project Manager: Accounts Payable	**Reported:** 01/19/2010 14:21

Volatile Organic Compounds by GC/MS - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A14013											
LCS Dup (0A14013-BSD1)					Prepared: 01/14/2010 Analyzed: 01/15/2010						
m,p-Xylene	104	0.330	1.00	ug/L	100.0		104	70-130	1.40	30	
o-Xylene	52.0	0.330	1.00	ug/L	50.00		104	70-130	2.44	30	
Xylenes (total)	156	0.220	1.00	ug/L	150.0		104	70-130	1.75	30	
Surrogate: Bromofluorobenzene	*28.52*			*ug/L*	*30.00*		*95.1*	*70-130*			
Surrogate: Dibromofluoromethane	*29.76*			*ug/L*	*30.00*		*99.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*29.72*			*ug/L*	*30.00*		*99.1*	*70-130*			
Surrogate: Toluene-d8	*33.14*			*ug/L*	*30.00*		*110*	*70-130*			
LCS Dup (0A14013-BSD2)					Prepared: 01/14/2010 Analyzed: 01/15/2010						
Benzene	45.7	0.140	1.00	ug/L	50.00		91.4	70-130	1.95	30	
Bromobenzene	54.5	0.220	1.00	ug/L	50.00		109	70-130	0.0174	30	
Bromochloromethane	43.9	0.310	2.00	ug/L	50.00		87.8	70-130	1.06	30	
Bromodichloromethane	43.2	0.180	1.00	ug/L	50.00		86.4	70-130	2.42	30	
Bromoform	51.6	0.500	1.00	ug/L	50.00		103	70-130	1.33	30	
Bromomethane	33.0	0.320	2.00	ug/L	50.00		66.1	70-130	21.9	30	
n-Butylbenzene	48.6	0.180	1.00	ug/L	50.00		97.2	70-130	3.97	30	
sec-Butylbenzene	54.8	0.140	1.00	ug/L	50.00		110	70-130	1.62	30	
tert-Butylbenzene	54.8	0.190	1.00	ug/L	50.00		110	70-130	0.728	30	
Carbon disulfide	52.5	0.260	1.00	ug/L	50.00		105	70-130	0.249	30	
Carbon tetrachloride	44.7	0.240	1.00	ug/L	50.00		89.5	70-130	1.37	30	
Chlorobenzene	51.3	0.210	1.00	ug/L	50.00		103	70-130	0.473	30	
Chloroethane	49.5	0.270	2.00	ug/L	50.00		99.1	70-130	2.93	30	
Chloroform	38.6	0.230	1.00	ug/L	50.00		77.2	70-130	2.38	30	
Chloromethane	62.0	0.360	2.00	ug/L	50.00		124	70-130	10.6	30	
2-Chlorotoluene	53.7	0.230	1.00	ug/L	50.00		107	70-130	0.0281	30	
4-Chlorotoluene	54.1	0.290	1.00	ug/L	50.00		108	70-130	1.21	30	
Dibromochloromethane	53.3	0.180	1.00	ug/L	50.00		107	70-130	0.657	30	
1,2-Dibromo-3-chloropropane	44.7	0.550	2.00	ug/L	50.00		89.3	70-130	3.96	30	
1,2-Dibromoethane (EDB)	50.3	0.240	1.00	ug/L	50.00		101	70-130	0.321	30	
Dibromomethane	40.2	0.280	1.00	ug/L	50.00		80.4	70-130	2.17	30	
1,2-Dichlorobenzene	52.7	0.160	1.00	ug/L	50.00		105	70-130	2.89	30	
1,3-Dichlorobenzene	50.5	0.250	1.00	ug/L	50.00		101	70-130	2.82	30	

Froehling & Robertson	Project: China Grove Town Maint. Area	
3015 Dumbarton Road	Project Number: ChinaGTMArea	**Reported:**
Richmond VA, 23228	Project Manager: Accounts Payable	01/19/2010 14:21

Volatile Organic Compounds by GC/MS - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A14013											
LCS Dup (0A14013-BSD2)					Prepared: 01/14/2010 Analyzed: 01/15/2010						
1,4-Dichlorobenzene	54.8	0.250	1.00	ug/L	50.00		110	70-130	1.20	30	
Dichlorodifluoromethane	61.8	1.00	2.00	ug/L	50.00		124	70-130	1.72	30	
1,1-Dichloroethane	44.8	0.240	1.00	ug/L	50.00		89.7	70-130	2.27	30	
1,2-Dichloroethane	44.4	0.220	1.00	ug/L	50.00		88.8	70-130	4.07	30	
1,1-Dichloroethene	42.7	0.280	1.00	ug/L	50.00		85.4	70-130	1.34	30	
cis-1,2-Dichloroethene	41.3	0.450	1.00	ug/L	50.00		82.6	70-130	0.429	30	
trans-1,2-Dichloroethene	41.0	0.530	1.00	ug/L	50.00		82.0	70-130	0.0868	30	
1,2-Dichloropropane	43.2	0.270	1.00	ug/L	50.00		86.3	70-130	2.62	30	
1,3-Dichloropropane	51.3	0.150	1.00	ug/L	50.00		103	70-130	1.36	30	
2,2-Dichloropropane	31.6	0.230	1.00	ug/L	50.00		63.1	70-130	14.3	30	
1,1-Dichloropropene	45.8	0.190	1.00	ug/L	50.00		91.6	70-130	0.0649	30	
cis-1,3-Dichloropropene	42.1	0.150	1.00	ug/L	50.00		84.1	70-130	0.148	30	
trans-1,3-Dichloropropene	52.9	0.170	1.00	ug/L	50.00		106	70-130	2.27	30	
Diisopropyl Ether	46.5	0.200	1.00	ug/L	50.00		93.1	70-130	2.74	30	
Ethylbenzene	52.7	0.150	1.00	ug/L	50.00		105	70-130	0.492	30	
Hexachlorobutadiene	57.1	0.520	1.00	ug/L	50.00		114	70-130	4.44	30	
Isopropylbenzene	61.9	0.150	1.00	ug/L	50.00		124	70-130	0.797	30	
p-Isopropyltoluene	55.2	0.200	1.00	ug/L	50.00		110	70-130	0.622	30	
Methylene chloride	41.6	1.67	5.00	ug/L	50.00		83.1	70-130	2.42	30	
Naphthalene	48.4	0.500	1.00	ug/L	50.00		96.9	70-130	6.67	30	
Methyl t-Butyl Ether	44.8	0.250	1.00	ug/L	50.00		89.6	70-130	2.52	30	
n-Propylbenzene	51.5	0.220	1.00	ug/L	50.00		103	70-130	0.468	30	
Styrene	53.9	0.240	1.00	ug/L	50.00		108	70-130	1.21	30	
1,1,2,2-Tetrachloroethane	51.3	0.230	1.00	ug/L	50.00		103	70-130	1.92	30	
1,1,1,2-Tetrachloroethane	53.2	0.190	1.00	ug/L	50.00		106	70-130	0.493	30	
Tetrachloroethene	54.6	0.170	1.00	ug/L	50.00		109	70-130	0.186	30	
Toluene	52.4	0.190	1.00	ug/L	50.00		105	70-130	0.763	30	
1,2,3-Trichlorobenzene	49.3	0.430	1.00	ug/L	50.00		98.5	70-130	7.95	30	
1,2,4-Trichlorobenzene	52.2	0.280	1.00	ug/L	50.00		104	70-130	3.14	30	
1,1,2-Trichloroethane	46.7	0.260	1.00	ug/L	50.00		93.5	70-130	0.297	30	

Froehling & Robertson 3015 Dumbarton Road Richmond VA, 23228	Project: China Grove Town Maint. Area Project Number: ChinaGTMArea Project Manager: Accounts Payable	**Reported:** 01/19/2010 14:21

Volatile Organic Compounds by GC/MS - Quality Control

Empirical Laboratories, LLC

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0A14013											
LCS Dup (0A14013-BSD2)					Prepared: 01/14/2010 Analyzed: 01/15/2010						
1,1,1-Trichloroethane	40.4	0.290	1.00	ug/L	50.00		80.8	70-130	0.637	30	
Trichloroethene	42.2	0.500	1.00	ug/L	50.00		84.4	70-130	2.03	30	
Trichlorofluoromethane	48.9	0.250	2.00	ug/L	50.00		97.8	70-130	2.53	30	
1,2,3-Trichloropropane	46.7	0.500	1.00	ug/L	50.00		93.4	70-130	1.97	30	
1,3,5-Trimethylbenzene	51.6	0.180	1.00	ug/L	50.00		103	70-130	0.472	30	
1,2,4-Trimethylbenzene	53.2	0.150	1.00	ug/L	50.00		106	70-130	0.0350	30	
Vinyl chloride	56.6	0.200	2.00	ug/L	50.00		113	70-130	6.31	30	
m,p-Xylene	103	0.330	1.00	ug/L	100.0		103	70-130	0.162	30	
o-Xylene	51.8	0.330	1.00	ug/L	50.00		104	70-130	0.214	30	
Xylenes (total)	155	0.220	1.00	ug/L	150.0		103	70-130	0.0362	30	
Surrogate: Bromofluorobenzene	*28.81*			*ug/L*	*30.00*		*96.0*	*70-130*			
Surrogate: Dibromofluoromethane	*28.75*			*ug/L*	*30.00*		*95.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*30.31*			*ug/L*	*30.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*33.29*			*ug/L*	*30.00*		*111*	*70-130*			

Notes and Definitions

U	Analyte included in the analysis, but not detected
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
D	Data reported from a dilution
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

EMPIRICAL LABORATORIES, LLC - CHAIN OF CUSTODY RECORD

SHIP TO: 621 Mainstream Drive, Suite 270 ♦ Nashville, TN 37228 ♦ 615-345-1115 ♦ (fax) 615-846-5426

8066

Send Results to:

Name Andy Kosse
Company F+R
Address 2505 Hutchison McDonald
City Charlotte
State, Zip NC 28269
Phone (704) 596 2889
Fax
E-mail akosse@fandr.com

Send Invoice to:

Name
Company F+R
Address
City
State, Zip
Phone
Fax
E-mail

Project No./Name: Chino Grove - Town Maintenance Area

Sampler's (Signature):

Analysis Requirements: VPH MADEP; SIM 6200 VOC's; Total Lead 3030C

Lab Use Only:

VOA Headspace	Y	N	NA
Field Filtered	Y	N	NA
Correct Containers	Y	N	NA
Discrepancies	Y	N	NA
Cust. Seals Intact	Y	N	NA
Containers Intact	Y	N	NA

Airbill #: 4033

CAR #: —

Lab Use Only Lab #	Date/Time Sampled	Sample Description	Sample Matrix	VPH MADEP	SIM 6200 VOC's	Total Lead 3030C	Comments	No. of Bottles	Lab Use Only Containers/Pres.
1001045-01	01/07/10 15:15	MW 4	GW	X	X	X	—	6	SJ-HCl, JC-NaOH
-02	01/07 15:40	MW 8	GW	X	X	X	—	6	↓
-03	01/07 16:05	MW 3	GW	X	X	X	—	6	↓

	Date/Time		
Sample Kit Prep'd by: (Signature)		Received By: (Signature)	
Relinquished by: (Signature)	1-8-10	Received By: (Signature)	
Relinquished by: (Signature)	1/8 15:00	Received By: (Signature)	
Received for Laboratory by: (Signature)	1/15/10 9:0	Temperature	1.5

REMARKS: 1/8 10:30

Details:
Page ____ of ____
Cooler No. ____ of ____
Date Shipped ____
Shipped By ____
Turnaround ____

Distribution: Original and yellow copies accompany sample shipment to laboratory; Pink retained by samplers.

EMPIRICAL LABORATORIES
COOLER RECEIPT FORM

LIMS Number: 1001045 Number of Coolers: 1 of 1

Client: F+R Project: China Grove, Town Mgmt. Area

Date/Time Received: 1/8/10 900 Date cooler(s) opened: 1/8/10

Opened By (print): Frank Rum (signature): [signature]

Circle response below as appropriate

1. How did the samples arrive?: (FedEx) UPS DHL Hand Delivered
EL Courier Other: _____

If applicable, enter airbill number here: 4033

2. Were custody seals on outside of cooler(s)? ..... (Yes) No

How many: — Seal date: 1-8-10 Seal Initials: —

3. Were custody seals unbroken and intact at the date and time of arrival? ..... (Yes) No N/A
4. Were custody papers sealed in a plastic bag included in the sample cooler? ..... (Yes) No N/A
5. Were custody papers filled out properly (ink, signed, etc.)? ..... (Yes) No N/A
6. Did you sign custody papers in the appropriate place for acceptance? ..... (Yes) No N/A
7. Was project identifiable from custody papers? ..... (Yes) No N/A
8. If required, was enough ice present in the cooler(s)? ..... (Yes) No N/A

Type of Coolant: (WET) DRY BLUE NONE Temperature of Samples upon Receipt: 1.5

Dates samples were logged-in: 1/11/10

9. Initial this form to acknowledge login of sample(s): (Name): Will Schwab (Initial): WS
10. Were all bottle lids intact and sealed tightly? ..... (Yes) No N/A
11. Did all bottles arrive unbroken? ..... (Yes) No N/A
12. Was all required bottle label information complete? ..... (Yes) No N/A
13. Did all bottle labels agree with custody papers? ..... (Yes) No N/A
14. Were correct containers used for the analyses indicated? ..... (Yes) No N/A
15. Were preservative levels correct in all applicable sample containers? ..... (Yes) No N/A
16. Was residual chlorine present in any applicable sample containers? ..... Yes No (N/A)
17. Was sufficient amount of sample sent for the analyses required? ..... (Yes) No N/A
18. Was headspace present in any included VOA vials? ..... Yes (No) N/A

pH<2 for all Pb 3030 samples

If Non-Conformance issues were present, list by sample ID: _____

_____ CAR#: _____

EMPIRICAL LABORATORIES, LLC - CHAIN OF CUSTODY RECORD

SHIP TO: 621 Mainstream Drive, Suite 270 ♦ Nashville, TN 37228 ♦ 615-345-1115 ♦ (fax) 615-846-5426

8066

Send Results to:	Send Invoice to:	Analysis Requirements:	Lab Use Only:
Name Andy Krosse	Name		VOA Headspace Y N NA
Company F+R	Company F+R		Field Filtered Y N NA
Address 2505 Hutchison McDonald	Address		Correct Containers Y N NA
City Charlotte	City		Discrepancies Y N NA
State, Zip NC 28269	State, Zip		Cust. Seals Intact Y N NA
Phone (704) 596-2889	Phone		Containers Intact Y N NA
Fax	Fax		
E-mail akrosse@fandr.com	E-mail		Airbill #:
Project No./Name: Chapel Grove - Town Maintenance Area	**Sampler's (Signature):**		CAR #:

Lab Use Only Lab #	Date/Time Sampled	Sample Description	Sample Matrix	VPH MADEP	SM 6200 VOC	Total Lead 3030C										Comments	No. of Bottles	Lab Use Only Containers/Pres.
	15:15 01/07/10	MW 4	GW	X	X	X										—	6	
	01/07 15:40	MW 8	GW	X	X	X										—	6	
	01/07 16:05	MW 3	GW	X	X	X										—	6	

Sample Kit Prep'd by: (Signature)	Date/Time	Received By: (Signature)
Relinquished by: (Signature)	Date/Time 1-8-10	Received By: (Signature)
Relinquished by: (Signature)	Date/Time	Received By: (Signature)
Received for Laboratory by: (Signature)	Date/Time	*Temperature*

REMARKS:

1/8 10:30

Details:

Page _____ of _____

Cooler No. ____ of _____

Date Shipped _____

Shipped By _____

Turnaround _____

Distribution: Original and yellow copies accompany sample shipment to laboratory; Pink retained by samplers.