



# CENTEK LABORATORIES, LLC

143 Midler Park Drive \* Syracuse, NY 13206

Phone (315) 431-9730 \* Emergency 24/7 (315) 416-2752

NYSDOH ELAP

Certificate No. 11830

## **Analytical Report**

Peter Gorton  
Panamerican Environmental, Inc  
2390 Clinton Street  
Buffalo, NY 14227

Friday, September 21, 2012  
Order No.: C1209027

TEL: 716-821-1650

FAX:

RE: Remington Rand Lofts

Dear Peter Gorton:

Centek Laboratories, LLC received 2 sample(s) on 9/14/2012 for the analyses presented in the following report.

I certify that this data package is in compliance with the terms and conditions of the Contract, both technically and for completeness. Release of the data contained in this hardcopy data package and/or in the computer readable data submitted has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Centek Laboratories performs all analyses according to EPA, NIOSH or OSHA-approved analytical methods. Centek Laboratories is dedicated to providing quality analyses and exceptional customer service. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the case narrative. All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

We do our best to make our reporting format clear and understandable and hope you are thoroughly satisfied with our services. Please contact your client service representative at (315) 431-9730 or myself, if you would like any additional information regarding this report.

Thank you for using Centek Laboratories. This report can not be reproduced except in its entirety, without prior written authorization.

Sincerely,

William Dobbins  
Lead Technical Director

Disclaimer: The test results and procedures utilized, and laboratory interpretations of the data obtained by Centek as contained in this report are believed by Centek to be accurate and reliable

for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of Centek for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages. ELAP does not offer certification for the following parameters by this method at present time, they are: 4-ethyltoluene, ethyl acetate and propylene.

## Centek Laboratories, LLC Terms and Conditions

### Sample Submission

All samples sent to Centek Laboratories should be accompanied by our Request for Analysis Form or Chain of Custody Form. A Chain of Custody will be provided with each order shipped for all sampling events, or if needed, one is available at our website [www.CentekLabs.com](http://www.CentekLabs.com). Samples received after 3:00pm are considered to be a part of the next day's business.

### Sample Media

Samples can be collected in an canister or a Tedlar bag. Depending on your analytical needs, Centek Laboratories may receive a bulk, liquid, soil or other matrix sample for headspace analysis.

### Blanks

Every sample is run with a surrogate or tracer compound at a pre-established concentration. The surrogate compound run with each sample is used as a standard to measure the performance of each run of the instrument. If required, a Minican can be provided containing nitrogen to be run as a trip blank with your samples.

### Sampling Equipment

Centek Laboratories will be happy to provide the canisters to carry-out your sampling event at no charge. The necessary accessories, such as regulators, tubing or personal sampling belts, are also provided to meet your sampling needs. The customer is responsible for all shipping charges to the client's destination and return shipping to the laboratory. Client assumes all responsibility for lost, stolen and any damages of equipment.

### Turn Around time (TAT)

Centek Laboratories will provide results to its clients in one business-week by 6:00pm EST after receipt of samples. For example, if samples are received on a Monday they are due on the following Monday by 6:00pm EST. Results are faxed or emailed to the requested location indicated on the Chain of Custody. Non-routine analysis may require more than the one business-week turnaround time. Please confirm non-routine sample turnaround times.

### Reporting

Results are emailed or faxed at no additional charge. A hard copy of the result report is mailed within 24 hours of the faxing or emailing of your results. Cat "B" like packages are within 3-4 weeks from time of analysis. Standard Electronic Disk Deliverables (EDD) is also available at no additional charge.

### Payment Terms

Payment for all purchases shall be due within 30 days from date of invoice. The client agrees to pay a finance charge of 1.5% per month on the overdue balance and cost of collection, including attorney fees, if collection proceedings are necessary. You must have a completed credit application on file to extend credit. Purchase orders or checks information must be submitted for

us to release results

#### Rush Turnaround Samples

Expedited turn around times is available. Please confirm rush turnaround times with Client Services before submitting samples.

#### Applicable Surcharges for Rush Turnaround Samples:

Same day TAT = 200%

Next business day TAT by Noon = 150%

Next business day TAT by 6:00pm = 100%

Second business day TAT by 6:00pm = 75%

Third business day TAT by 6:00pm = 50%

Fourth business day TAT by 6:00pm = 35%

Fifth business day = Standard

#### Statement of Confidentiality

Centek Laboratories, LLC is aware of the importance of the confidentiality of results to many of our clients. Your name and data will be held in the strictest of confidence. We will not accept business that may constitute a conflict of interest. We commonly sign Confidential Nondisclosure Agreements with clients prior to beginning work. All research, results and reports will be kept strictly confidential. Secrecy Agreements and Disclosure Statements will be signed for the client if so specified. Results will be provided only to the addressee specified on the Chain of Custody Form submitted with the samples unless law requires release. Written permission is required from the addressee to release results to any other party.

#### Limitation on Liability

Centek Laboratories, LLC warrants the test results to be accurate to the methodology and sample type for each sample submitted to Centek Laboratories, LLC. In no event shall Centek Laboratories, LLC be liable for direct, indirect, special, punitive, incidental, exemplary or consequential damages, or any damages whatsoever, even if Centek Laboratories, LLC has been previously advised of the possibility of such damages whether in an action under contract, negligence, or any other theory, arising out of or in connection with the use, inability to use or performance of the information, services, products and materials available from the laboratory or this site. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy. Because some jurisdictions do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of liability for consequential or incidental damages, the above limitations may not apply to you. This is a comprehensive limitation of liability that applies to all damages of any kind, including (without limitation) compensatory, direct, indirect or consequential damages, loss of data, income or profit and or loss of or damage to property and claims of third parties.



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**CLIENT:** Panamerican Environmental, Inc  
**Project:** Remington Rand Lofts  
**Lab Order:** C1209027

## **CASE NARRATIVE**

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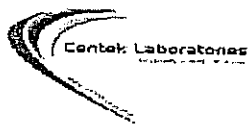
Samples were analyzed using the methods outlined in the following references:

Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999 and Centek Laboratories, LLC SOP TS-80:

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the corrective action report(s). All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

### **NYSDEC ASP samples:**

Canisters should be evacuated to a reading of less than or equal to 50 millitorr prior to shipment to sampling personnel. The vacuum in the canister will be field checked prior to sampling, and must read 28" of Hg ( $\pm 2$ ", vacuum, absolute) before a sample can be collected. After the sample has been collected, the pressure of the canister will be read and recorded again, and must be 5" of Hg ( $\pm 1$ ", vacuum, absolute) for the sample to be valid. Once received at the laboratory, the canister vacuum should be confirmed to be 5" of Hg,  $\pm 1$ ". Please record and report the pressure/vacuum of received canisters on the sample receipt paperwork. A pressure/vacuum reading should also be taken just prior to the withdrawal of sample from the canister, and recorded on the sample preparation log sheet. All regulators are calibrated to meet these requirements before they leave the laboratory. However, due to environmental conditions and use of the equipment Centek can not guarantee that this criteria can always be achieved.



### Centek Chain of Custody

143 Midler Park Drive

Syracuse, NY 13206

315-431-9730

**www.CentekLabs.com**

### Vapor Intrusion & IAQ

Site Name: REMINGTON LAND

Project: LEADS @ REMINGTON

PO#:

Quote #	Q-
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Other:

### Detection Limit

5ppbv

1 ug/M3

1ug/M3 +TCE .25

## Report Level

Level 1

## Level II

Cat "B" Like

[illegible]

\*\*\* By signing Centek Labs Chain of Custody, you are accepting Centek Labs Terms and Conditions listed on the reverse side.



# CENTEK LABORATORIES, LLC

## Sample Receipt Checklist

Client Name: PANAMERICAN

Date and Time Received

9/14/2012

Work Order Number C1209027

Received by: NM

Checklist completed by

Signature

Date

Reviewed by

Initials

Date

Matrix:

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Water - VOA vials have zero headspace?	No VOA vials submitted <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

Adjusted? \_\_\_\_\_ Checked by \_\_\_\_\_

Any No and/or NA (not applicable) response must be detailed in the comments section below

Client contacted: \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted: \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: \_\_\_\_\_

Corrective Action: \_\_\_\_\_



**CENTEK LABORATORIES, LLC**

**Date: 26-Sep-12**

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**CLIENT:** Panamerican Environmental, Inc

**Project:** Remington Rand Lofts

**Lab Order:** C1209027

## **Work Order Sample Summary**

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<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
C1209027-001A	RR-AMB-01	458,277	9/13/2012	9/14/2012
C1209027-002A	RR-PVC-01	352,295	9/13/2012	9/14/2012

Lab Order: C1209027  
Client: Panamerican Environmental, Inc  
Project: Remington Rand Lofts

**DATES REPORT**

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
C1209027-001A	RR-AMB-01	9/13/2012	Air	1ug/M3 by Method TO15			9/18/2012
				1ug/M3 by Method TO15			9/18/2012
				1ug/M3 by Method TO15			9/18/2012
				1ug/M3 by Method TO15			9/18/2012
C1209027-002A	RR-PVC-01			1ug/M3 by Method TO15			9/18/2012
				1ug/M3 by Method TO15			9/18/2012
				1ug/M3 by Method TO15			9/18/2012

# Centek Laboratories, LLC

Date: 21-Sep-12

**CLIENT:** Panamerican Environmental, Inc  
**Lab Order:** C1209027  
**Project:** Remington Rand Lofts  
**Lab ID:** C1209027-001A

**Client Sample ID:** RR-AMB-01  
**Tag Number:** 458,277  
**Collection Date:** 9/13/2012  
**Matrix:** AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
<b>FIELD PARAMETERS</b>		<b>FLD</b>		Analyst:		
Lab Vacuum In	-3			"Hg		9/14/2012
Lab Vacuum Out	-30			"Hg		9/14/2012
<b>1UG/M3 BY METHOD TO15</b>		<b>TO-15</b>		Analyst: <b>RJP</b>		
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
1,1-Dichloroethane	0.96	0.15		ppbV	1	9/18/2012 2:54:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
1,2,4-Trimethylbenzene	1.0	0.15		ppbV	1	9/18/2012 2:54:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
1,2-Dichloroethane	1.7	0.15		ppbV	1	9/18/2012 2:54:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
1,3,5-Trimethylbenzene	0.41	0.15		ppbV	1	9/18/2012 2:54:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/18/2012 2:54:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
4-ethyltoluene	0.98	0.15		ppbV	1	9/18/2012 2:54:00 PM
Acetone	360	27		ppbV	90	9/18/2012 7:38:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Benzene	1.9	0.15		ppbV	1	9/18/2012 2:54:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Carbon disulfide	11	1.5		ppbV	10	9/18/2012 6:27:00 PM
Carbon tetrachloride	0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Chloroethane	0.10	0.15	J	ppbV	1	9/18/2012 2:54:00 PM
Chloroform	0.22	0.15		ppbV	1	9/18/2012 2:54:00 PM
Chloromethane	0.61	0.15		ppbV	1	9/18/2012 2:54:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Ethyl acetate	4.6	2.5		ppbV	10	9/18/2012 6:27:00 PM

<b>Qualifiers:</b>	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

# Centek Laboratories, LLC

Date: 21-Sep-12

**CLIENT:** Panamerican Environmental, Inc  
**Lab Order:** C1209027  
**Project:** Remington Rand Lofts  
**Lab ID:** C1209027-001A

**Client Sample ID:** RR-AMB-01  
**Tag Number:** 458,277  
**Collection Date:** 9/13/2012  
**Matrix:** AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
<b>1UG/M3 BY METHOD TO15</b>			<b>TO-15</b>		Analyst: <b>RJP</b>	
Ethylbenzene	4.2	1.5		ppbV	10	9/18/2012 6:27:00 PM
Freon 11	0.34	0.15		ppbV	1	9/18/2012 2:54:00 PM
Freon 113	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Freon 12	0.59	0.15		ppbV	1	9/18/2012 2:54:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Isopropyl alcohol	15	1.5		ppbV	10	9/18/2012 6:27:00 PM
m&p-Xylene	6.4	3.0		ppbV	10	9/18/2012 6:27:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/18/2012 2:54:00 PM
Methyl Ethyl Ketone	80	12		ppbV	40	9/18/2012 7:02:00 PM
Methyl Isobutyl Ketone	4.7	3.0		ppbV	10	9/18/2012 6:27:00 PM
Methyl tert-butyl ether	1.4	0.15		ppbV	1	9/18/2012 2:54:00 PM
Methylene chloride	1.2	0.15		ppbV	1	9/18/2012 2:54:00 PM
o-Xylene	1.9	0.15		ppbV	1	9/18/2012 2:54:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Styrene	2.0	0.15		ppbV	1	9/18/2012 2:54:00 PM
Tetrachloroethylene	0.27	0.15		ppbV	1	9/18/2012 2:54:00 PM
Tetrahydrofuran	2.6	1.5		ppbV	10	9/18/2012 6:27:00 PM
Toluene	42	6.0		ppbV	40	9/18/2012 7:02:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Trichloroethene	0.50	0.15		ppbV	1	9/18/2012 2:54:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/18/2012 2:54:00 PM
Surr: Bromofluorobenzene	139	70-130	S	%REC	1	9/18/2012 2:54:00 PM
Surr: Bromofluorobenzene	109	70-130		%REC	10	9/18/2012 6:27:00 PM
Surr: Bromofluorobenzene	124	70-130		%REC	40	9/18/2012 7:02:00 PM
Surr: Bromofluorobenzene	120	70-130		%REC	90	9/18/2012 7:38:00 PM

## NOTES:

\* Based on the chromatographic evidence, it appears that the contamination is from a fuel.  
 Surrogate reported in original analysis and dilutions.

<b>Qualifiers:</b>	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

# Centek Laboratories, LLC

Date: 21-Sep-12

**CLIENT:** Panamerican Environmental, Inc  
**Lab Order:** C1209027  
**Project:** Remington Rand Lofts  
**Lab ID:** C1209027-002A

**Client Sample ID:** RR-PVC-01  
**Tag Number:** 352,295  
**Collection Date:** 9/13/2012  
**Matrix:** AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
<b>FIELD PARAMETERS</b>		<b>FLD</b>		Analyst:		
Lab Vacuum In	-1			"Hg		9/14/2012
Lab Vacuum Out	-30			"Hg		9/14/2012
<b>1UG/M3 BY METHOD TO15</b>		<b>TO-15</b>		Analyst: <b>RJP</b>		
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
1,1-Dichloroethane	0.16	0.15		ppbV	1	9/18/2012 3:30:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
1,2,4-Trimethylbenzene	0.37	0.15		ppbV	1	9/18/2012 3:30:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
1,2-Dichloroethane	0.19	0.15		ppbV	1	9/18/2012 3:30:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
1,3,5-Trimethylbenzene	0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/18/2012 3:30:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
4-ethyltoluene	0.22	0.15		ppbV	1	9/18/2012 3:30:00 PM
Acetone	46	12		ppbV	40	9/18/2012 8:50:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Benzene	0.49	0.15		ppbV	1	9/18/2012 3:30:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Carbon disulfide	1.1	0.15		ppbV	1	9/18/2012 3:30:00 PM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Chloromethane	0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Ethyl acetate	0.72	0.25		ppbV	1	9/18/2012 3:30:00 PM

<b>Qualifiers:</b>	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

# Centek Laboratories, LLC

Date: 21-Sep-12

**CLIENT:** Panamerican Environmental, Inc  
**Lab Order:** C1209027  
**Project:** Remington Rand Lofts  
**Lab ID:** C1209027-002A

**Client Sample ID:** RR-PVC-01  
**Tag Number:** 352,295  
**Collection Date:** 9/13/2012  
**Matrix:** AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
<b>1UG/M3 BY METHOD TO15</b>		<b>TO-15</b>		Analyst: <b>RJP</b>		
Ethylbenzene	0.61	0.15		ppbV	1	9/18/2012 3:30:00 PM
Freon 11	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Freon 113	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Freon 12	0.14	0.15	J	ppbV	1	9/18/2012 3:30:00 PM
Heptane	0.70	0.15		ppbV	1	9/18/2012 3:30:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Isopropyl alcohol	1.8	0.15		ppbV	1	9/18/2012 3:30:00 PM
m&p-Xylene	1.4	0.30		ppbV	1	9/18/2012 3:30:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/18/2012 3:30:00 PM
Methyl Ethyl Ketone	4.6	3.0		ppbV	10	9/18/2012 8:14:00 PM
Methyl Isobutyl Ketone	0.73	0.30		ppbV	1	9/18/2012 3:30:00 PM
Methyl tert-butyl ether	0.25	0.15		ppbV	1	9/18/2012 3:30:00 PM
Methylene chloride	0.22	0.15		ppbV	1	9/18/2012 3:30:00 PM
o-Xylene	0.32	0.15		ppbV	1	9/18/2012 3:30:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Styrene	0.27	0.15		ppbV	1	9/18/2012 3:30:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Tetrahydrofuran	0.22	0.15		ppbV	1	9/18/2012 3:30:00 PM
Toluene	3.0	1.5		ppbV	10	9/18/2012 8:14:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Trichloroethene	0.090	0.15	J	ppbV	1	9/18/2012 3:30:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/18/2012 3:30:00 PM
Surr: Bromofluorobenzene	110	70-130		%REC	1	9/18/2012 3:30:00 PM

<b>Qualifiers:</b>	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

# Centek Laboratories, LLC

Date: 21-Sep-12

**CLIENT:** Panamerican Environmental, Inc  
**Lab Order:** C1209027  
**Project:** Remington Rand Lofts  
**Lab ID:** C1209027-001A

**Client Sample ID:** RR-AMB-01  
**Tag Number:** 458,277  
**Collection Date:** 9/13/2012  
**Matrix:** AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
<b>1UG/M3 BY METHOD TO15</b>			<b>TO-15</b>		Analyst: <b>RJP</b>	
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/18/2012 2:54:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/18/2012 2:54:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/18/2012 2:54:00 PM
1,1-Dichloroethane	3.9	0.62		ug/m3	1	9/18/2012 2:54:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/18/2012 2:54:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/18/2012 2:54:00 PM
1,2,4-Trimethylbenzene	5.0	0.75		ug/m3	1	9/18/2012 2:54:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/18/2012 2:54:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/18/2012 2:54:00 PM
1,2-Dichloroethane	7.0	0.62		ug/m3	1	9/18/2012 2:54:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/18/2012 2:54:00 PM
1,3,5-Trimethylbenzene	2.0	0.75		ug/m3	1	9/18/2012 2:54:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/18/2012 2:54:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/18/2012 2:54:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/18/2012 2:54:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/18/2012 2:54:00 PM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/18/2012 2:54:00 PM
4-ethyltoluene	4.9	0.75		ug/m3	1	9/18/2012 2:54:00 PM
Acetone	860	65		ug/m3	90	9/18/2012 7:38:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/18/2012 2:54:00 PM
Benzene	6.1	0.49		ug/m3	1	9/18/2012 2:54:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/18/2012 2:54:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/18/2012 2:54:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/18/2012 2:54:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/18/2012 2:54:00 PM
Carbon disulfide	35	4.7		ug/m3	10	9/18/2012 6:27:00 PM
Carbon tetrachloride	0.96	0.96		ug/m3	1	9/18/2012 2:54:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/18/2012 2:54:00 PM
Chloroethane	0.27	0.40	J	ug/m3	1	9/18/2012 2:54:00 PM
Chloroform	1.1	0.74		ug/m3	1	9/18/2012 2:54:00 PM
Chloromethane	1.3	0.31		ug/m3	1	9/18/2012 2:54:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/18/2012 2:54:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/18/2012 2:54:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/18/2012 2:54:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/18/2012 2:54:00 PM
Ethyl acetate	17	9.2		ug/m3	10	9/18/2012 6:27:00 PM
Ethylbenzene	19	6.6		ug/m3	10	9/18/2012 6:27:00 PM
Freon 11	1.9	0.86		ug/m3	1	9/18/2012 2:54:00 PM
Freon 113	< 1.2	1.2		ug/m3	1	9/18/2012 2:54:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/18/2012 2:54:00 PM

<b>Qualifiers:</b>	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

# Centek Laboratories, LLC

Date: 21-Sep-12

**CLIENT:** Panamerican Environmental, Inc  
**Lab Order:** C1209027  
**Project:** Remington Rand Lofts  
**Lab ID:** C1209027-001A

**Client Sample ID:** RR-AMB-01  
**Tag Number:** 458,277  
**Collection Date:** 9/13/2012  
**Matrix:** AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
<b>1UG/M3 BY METHOD TO15</b>			<b>TO-15</b>		Analyst: <b>RJP</b>	
Freon 12	3.0	0.75		ug/m3	1	9/18/2012 2:54:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/18/2012 2:54:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/18/2012 2:54:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/18/2012 2:54:00 PM
Isopropyl alcohol	37	3.7		ug/m3	10	9/18/2012 6:27:00 PM
m&p-Xylene	28	13		ug/m3	10	9/18/2012 6:27:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/18/2012 2:54:00 PM
Methyl Ethyl Ketone	240	36		ug/m3	40	9/18/2012 7:02:00 PM
Methyl Isobutyl Ketone	20	12		ug/m3	10	9/18/2012 6:27:00 PM
Methyl tert-butyl ether	5.1	0.55		ug/m3	1	9/18/2012 2:54:00 PM
Methylene chloride	4.3	0.53		ug/m3	1	9/18/2012 2:54:00 PM
o-Xylene	8.3	0.66		ug/m3	1	9/18/2012 2:54:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/18/2012 2:54:00 PM
Styrene	8.4	0.65		ug/m3	1	9/18/2012 2:54:00 PM
Tetrachloroethylene	1.9	1.0		ug/m3	1	9/18/2012 2:54:00 PM
Tetrahydrofuran	7.8	4.5		ug/m3	10	9/18/2012 6:27:00 PM
Toluene	160	23		ug/m3	40	9/18/2012 7:02:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/18/2012 2:54:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/18/2012 2:54:00 PM
Trichloroethene	2.7	0.82		ug/m3	1	9/18/2012 2:54:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/18/2012 2:54:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/18/2012 2:54:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/18/2012 2:54:00 PM

## NOTES:

\* Based on the chromatographic evidence, it appears that the contamination is from a fuel.  
 Surrogate reported in original analysis and dilutions.

<b>Qualifiers:</b>	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

# Centek Laboratories, LLC

Date: 21-Sep-12

**CLIENT:** Panamerican Environmental, Inc  
**Lab Order:** C1209027  
**Project:** Remington Rand Lofts  
**Lab ID:** C1209027-002A

**Client Sample ID:** RR-PVC-01  
**Tag Number:** 352,295  
**Collection Date:** 9/13/2012  
**Matrix:** AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
<b>1UG/M3 BY METHOD TO15</b>			<b>TO-15</b>		Analyst: <b>RJP</b>	
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/18/2012 3:30:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/18/2012 3:30:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/18/2012 3:30:00 PM
1,1-Dichloroethane	0.66	0.62		ug/m3	1	9/18/2012 3:30:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/18/2012 3:30:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/18/2012 3:30:00 PM
1,2,4-Trimethylbenzene	1.8	0.75		ug/m3	1	9/18/2012 3:30:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/18/2012 3:30:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/18/2012 3:30:00 PM
1,2-Dichloroethane	0.78	0.62		ug/m3	1	9/18/2012 3:30:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/18/2012 3:30:00 PM
1,3,5-Trimethylbenzene	0.75	0.75		ug/m3	1	9/18/2012 3:30:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/18/2012 3:30:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/18/2012 3:30:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/18/2012 3:30:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/18/2012 3:30:00 PM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/18/2012 3:30:00 PM
4-ethyltoluene	1.1	0.75		ug/m3	1	9/18/2012 3:30:00 PM
Acetone	110	29		ug/m3	40	9/18/2012 8:50:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/18/2012 3:30:00 PM
Benzene	1.6	0.49		ug/m3	1	9/18/2012 3:30:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/18/2012 3:30:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/18/2012 3:30:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/18/2012 3:30:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/18/2012 3:30:00 PM
Carbon disulfide	3.6	0.47		ug/m3	1	9/18/2012 3:30:00 PM
Carbon tetrachloride	< 0.96	0.96		ug/m3	1	9/18/2012 3:30:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/18/2012 3:30:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/18/2012 3:30:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/18/2012 3:30:00 PM
Chloromethane	0.31	0.31		ug/m3	1	9/18/2012 3:30:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/18/2012 3:30:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/18/2012 3:30:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/18/2012 3:30:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/18/2012 3:30:00 PM
Ethyl acetate	2.6	0.92		ug/m3	1	9/18/2012 3:30:00 PM
Ethylbenzene	2.7	0.66		ug/m3	1	9/18/2012 3:30:00 PM
Freon 11	< 0.86	0.86		ug/m3	1	9/18/2012 3:30:00 PM
Freon 113	< 1.2	1.2		ug/m3	1	9/18/2012 3:30:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/18/2012 3:30:00 PM

<b>Qualifiers:</b>	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

# Centek Laboratories, LLC

Date: 21-Sep-12

**CLIENT:** Panamerican Environmental, Inc  
**Lab Order:** C1209027  
**Project:** Remington Rand Lofts  
**Lab ID:** C1209027-002A

**Client Sample ID:** RR-PVC-01  
**Tag Number:** 352,295  
**Collection Date:** 9/13/2012  
**Matrix:** AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
<b>1UG/M3 BY METHOD TO15</b>			<b>TO-15</b>			Analyst: <b>RJP</b>
Freon 12	0.70	0.75	J	ug/m3	1	9/18/2012 3:30:00 PM
Heptane	2.9	0.62		ug/m3	1	9/18/2012 3:30:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/18/2012 3:30:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/18/2012 3:30:00 PM
Isopropyl alcohol	4.5	0.37		ug/m3	1	9/18/2012 3:30:00 PM
m&p-Xylene	6.0	1.3		ug/m3	1	9/18/2012 3:30:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/18/2012 3:30:00 PM
Methyl Ethyl Ketone	14	9.0		ug/m3	10	9/18/2012 8:14:00 PM
Methyl Isobutyl Ketone	3.0	1.2		ug/m3	1	9/18/2012 3:30:00 PM
Methyl tert-butyl ether	0.92	0.55		ug/m3	1	9/18/2012 3:30:00 PM
Methylene chloride	0.78	0.53		ug/m3	1	9/18/2012 3:30:00 PM
o-Xylene	1.4	0.66		ug/m3	1	9/18/2012 3:30:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/18/2012 3:30:00 PM
Styrene	1.2	0.65		ug/m3	1	9/18/2012 3:30:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/18/2012 3:30:00 PM
Tetrahydrofuran	0.66	0.45		ug/m3	1	9/18/2012 3:30:00 PM
Toluene	11	5.7		ug/m3	10	9/18/2012 8:14:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/18/2012 3:30:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/18/2012 3:30:00 PM
Trichloroethene	0.49	0.82	J	ug/m3	1	9/18/2012 3:30:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/18/2012 3:30:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/18/2012 3:30:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/18/2012 3:30:00 PM

<b>Qualifiers:</b>	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		