

Henderson, Katie

From: Torrence, Rufus
Sent: Wednesday, February 29, 2012 12:37 PM
To: G W Roach 'groach@roachconveyors.com'
Cc: Henderson, Katie
Subject: AFIN 56-00031 AR0035602 Roach Manufacturing February 2012 Semi-Annual Report
Attachments: RMC Aug 2012 SAR.pdf



February 29, 2012

Mr. G W. Roach
Roach Manufacturing Corporation
808 Highway 463N
P O Box 1310
Trumann, AR 72472

Re: Roach Manufacturing February 2012 Semi-Annual Report
(Permit No. AR0035602 AFIN 56-00031)

Dear Mr. Roach:

The Department has reviewed the Roach's February 2012 Semi-annual Pretreatment Report and the report is complete. However, the Department requests that Roach include a cover letter with each future report. The letter should be addressed to appropriate pretreatment engineer.

The Department appreciates Roach's continued efforts in semi-annual reporting. If you have any questions or concerns, please contact the Department at (501) 682-0626 or by email at torrence@adeq.state.ar.us.

Sincerely,

A handwritten signature in blue ink that reads "Rufus Torrence". The signature is written in a cursive, flowing style.

Rufus Torrence, Pretreatment Engineer
Water Division

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY

5001 NORTHSHORE DRIVE / NORTH LITTLE ROCK / ARKANSAS 72118-5317 / TELEPHONE 501-687-0744 / FAX 5

www.aedq.state.ar.us

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

Use of this form is not an EPA/ADEQ requirement.

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Roach Manufacturing Corporation
P. O. Box 1310
Trumann, AR 72472

B. FACILITY & LOCATION ADDRESS

Roach Manufacturing Corporation
808 Highway 463N
Trumann, AR 72472

C. FACILITY CONTACT: G. W. Roach TELEPHONE NUMBER: 870-483-7631 e-mail: groach@roachconveyors.com

(2) REPORTING PERIOD--FISCAL YEAR From Feb 1 to Jan 31 (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

February & August

B. PERIOD COVERED BY THIS REPORT

FROM: Aug. 1, 2011 TO: Jan. 31, 2012

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

- Electroplating
- Electroless Plating
- Anodizing
- Coating
- Chemical Etching and Milling
- Printed Circuit Board Manufacture

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

NONE

*SEE 40CFR433.10(a) FOR 40 DIFFERENT OPERATIONS

B. CHANGES: SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.

NONE

C. Number of Regular Employees at this Facility
219

D. [Reserved]

(4) FLOW MEASUREMENT

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY

Process	Average	Maximum	Type of Discharge
Regulated (Core & Cyanide)	1,700	10,000	5 days/week
' 403.6(e) Unregulated*			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	2,800	5,600	Continuous
Total Flow to POTW	4,500	12,800	*****

*"Unregulated" has a precise legal meaning; see 40CFR403.6(e).

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

- Neutralization
- Chemical Precipitation and Sedimentation
- Chromium Reduction
- Cyanide Destruction
- Other _____
- None

B. COMMENTS ON TREATMENT SYSTEM

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES--CORE & ANCILLARY--(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM; TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

Pollutant(mg/l)	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	<0.002	0.073	0.134	<0.006	1.22	<0.005	0.372	<0.01	<0.05
Ave Measured	<0.002	0.007	0.030	<0.006	0.050	<0.005	0.057	<0.01	--

Sample Location at process tanks of four-stage washer

Sample Type (Grab or Composite) composite and grab for TTO

Number of Samples and Frequency Collected two, once per report period

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. [Reserved]

[Reserved]

B. CHECK ONE: '433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED '433.12(a) TTO CERTIFICATION

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan submitted to Arkansas Department of Environmental Quality.

NA
(Typed Name)

NA
(Corporate Officer or authorized representative)

Date of Signature _____

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF _____)

Before me, the undersigned authority, on this day personally appeared _____ of _____, a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations therein expressed, in the capacity therein stated and as the act and deed of said corporation.

Given under my hand and seal of office on this _____ day of _____, 200__.

Notary Public in and for _____
County, Arkansas

My commission expires _____.

(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]

'6602 [42 U.S.C. 13101] Findings and Policy para (b) Policy.—The Congress hereby declares it to be the national policy of the United States that pollution should be prevented or reduced at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible; pollution that cannot be prevented or recycled should be treated in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.

The User may list any new or ongoing Pollution Prevention practices:

(8) GENERAL COMMENTS

(9) SIGNATORY REQUIREMENTS [40CFR403.12(I)]

I certify under penalty of law that I have personally examined and am familiar with the information in this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

G. W. Roach, Jr.
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

President
OFFICIAL TITLE


SIGNATURE

2-20-12
DATE SIGNED



8/29/2011

Roach Conveyors
 Ms. Sherri Tribble
 808 Highway 463 North
 Truman, AR, 72472

Ref: Analytical Testing
 ETC Report Number: 11-222-0298
 Client Project Description: Semi-Annual/TTO

Dear Ms. Sherri Tribble:

Environmental Testing and Consulting, Inc. received 3 sample(s) on 8/10/2011 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, instrumentation maintenance and calibration were performed in accordance with guidelines established by the analytical method(s) and NELAC. All results provided are in compliance with NELAC requirements unless otherwise indicated and/or narrated.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Randy H. Thomas

Randy Thomas
 Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama #40750	Louisiana #04015	Florida #E87943	Texas #T104704180-05-TX	Arkansas #88-0650
Mississippi	California #05240CA		Oklahoma #9311	Virginia #00106
Kentucky #90047	Tennessee #02027	EPA #TN00012	Kentucky UST #41	Kansas #E-





Client: Roach Conveyors
Project: Semi-Annual/TTO
Lab Report Number: 11-222-0298
Date: 8/29/2011

CASE NARRATIVE

Semivolatile Organic Compounds - GC/MS Method EPA-625

Sample 98104 (Stage 1-4 Washer & Rinse Grabs)

Sample required a 1:10 initial dilution due to high levels of target and/or non-target analytes. One surrogate recovery was flagged outside QC limits.



ENVIRONMENTAL TESTING & CONSULTING, INC.

www.etcmemphis.com

2790 Whitten Road

Memphis, Tennessee 38133

(901) 213-2400

Fax (901) 213-2440

"A Laboratory Management Partner"

07154

Roach Conveyors

Ms. Sherri Tribble

808 Highway 463 North

Truman, AR 72472

Project Semi-Annual/TTO

Information :

Report Date : 8/29/2011

Report Number : 11-222-0298

REPORT OF ANALYSIS

Received : 8/10/2011

Lab No : 98102

Matrix: Aqueous

Sample ID : Stage 4-Continuous Rinse

Sampled: 8/10/2011 13:20

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Method
Total Cyanide	<0.010	mg/L	0.010	1	08/11/11 09:00	NRT	4500-CN-E
Total Cadmium	<0.002	mg/L	0.002	1	08/17/11 06:33	BKN	EPA-200.7
Total Chromium	0.007	mg/L	0.005	1	08/17/11 06:33	BKN	EPA-200.7
Total Copper	0.030	mg/L	0.005	1	08/17/11 06:33	BKN	EPA-200.7
Total Lead	<0.006	mg/L	0.006	1	08/17/11 06:33	BKN	EPA-200.7
Total Nickel	0.050	mg/L	0.005	1	08/17/11 06:33	BKN	EPA-200.7
Total Silver	<0.005	mg/L	0.005	1	08/17/11 06:33	BKN	EPA-200.7
Total Zinc	0.057	mg/L	0.010	1	08/17/11 06:33	BKN	EPA-200.7

Qualifiers/ Definitions

* Outside QC limit
 MQL Method Quantitation Limit

DF Dilution Factor



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Truman, AR 72472

Project Semi-Annual/TTO

Information :

Report Date : 8/29/2011

Report Number : 11-222-0298

REPORT OF ANALYSIS

Received : 8/10/2011

Lab No : 98103

Matrix: Aqueous

Sample ID : Stages 1,2,3 & 4 Composite

Sampled: 8/10/2011 13:30

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Method
Total Cyanide	<0.010	mg/L	0.010	1	08/11/11 09:00	NRT	4500-CN-E
Total Cadmium	<0.002	mg/L	0.002	1	08/17/11 06:40	BKN	EPA-200.7
Total Chromium	0.073	mg/L	0.005	1	08/17/11 06:40	BKN	EPA-200.7
Total Copper	0.134	mg/L	0.005	1	08/17/11 06:40	BKN	EPA-200.7
Total Lead	<0.006	mg/L	0.006	1	08/17/11 06:40	BKN	EPA-200.7
Total Nickel	1.22	mg/L	0.005	1	08/17/11 06:40	BKN	EPA-200.7
Total Silver	<0.005	mg/L	0.005	1	08/17/11 06:40	BKN	EPA-200.7
Total Zinc	0.372	mg/L	0.010	1	08/17/11 06:40	BKN	EPA-200.7

Qualifiers/ Definitions

* Outside QC limit
 MQL Method Quantitation Limit

DF Dilution Factor



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Ms. Sherri Tribble

808 Highway 463 North

Truman, AR 72472

Project Semi-Annual/TTO
Information :

Report Date : 8/29/2011

Report Number : 11-222-0298

REPORT OF ANALYSIS

Received : 8/10/2011

Lab No : 98104

Matrix: Aqueous

Sample ID : Stage 1-4 Washer & Rinse Grabs

Sampled: 8/10/2011 0:00

Analytical Method:		608		Prep Method:		EPA-608 (PREP)		Prep Batch(es):		L111332		Date/Time Prepped:		8/15/11 9:00	
Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch								
Aldrin	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
alpha-BHC	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
beta-BHC	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
delta-BHC	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
Chlordane	<0.200	µg/L	0.200	10	08/18/11 21:21	VIC	L111670								
4,4'-DDD	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
4,4'-DDE	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
4,4'-DDT	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
Dieldrin	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
Endosulfan I	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
Endosulfan II	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
Endosulfan Sulfate	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
Endrin	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
Endrin Aldehyde	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
Endrin Ketone	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
gamma-BHC	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
Heptachlor	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
Heptachlor Epoxide	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
Methoxychlor	<0.0400	µg/L	0.0400	10	08/18/11 21:21	VIC	L111670								
Toxaphene	<0.300	µg/L	0.300	10	08/18/11 21:21	VIC	L111670								
Surrogate: Decachlorobiphenyl		52.8 %	Limits: 36-116%	10	08/18/11 21:21	VIC	L111670								
Surrogate: Tetrachloro-m-xylene		52.8 %	Limits: 25-123%	10	08/18/11 21:21	VIC	L111670								

Qualifiers/Definitions	*	Outside QC limit	DF	Dilution Factor
	I	Recovery out of range	MQL	Method Quantitation Limit



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 Roach Conveyors
 Ms. Sherri Tribble
 808 Highway 463 North
 Truman, AR 72472

Project Semi-Annual/TTO
 Information :

Report Date : 8/29/2011

Report Number : 11-222-0298

REPORT OF ANALYSIS

Received : 8/10/2011

Lab No : 98104

Matrix: Aqueous

Sample ID : Stage 1-4 Washer & Rinse Grabs

Sampled: 8/10/2011 0:00

Analytical Method: 624		Prep Method: EPA-624 (PREP)		Prep Batch(es): L111651	Date/Time Prepped: 8/16/11 8:49			
Test	Results	Units	SQL	DF	Date / Time Analyzed	By	Analytical Batch	
Acrolein	<20.0	µg/L	20.0	1	08/16/11 18:22	SEB	L111653	
Acrylonitrile	<20.0	µg/L	20.0	1	08/16/11 18:22	SEB	L111653	
Benzene	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
Bromodichloromethane	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
Bromoform	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
Bromomethane	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
Carbon Tetrachloride	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
Chlorobenzene	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
Chlorodibromomethane	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
Chloroethane	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
2-Chloroethylvinyl Ether	<5.00	µg/L	5.00	1	08/16/11 18:22	SEB	L111653	
Chloroform	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
Chloromethane	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
1,2-Dichlorobenzene	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
1,3-Dichlorobenzene	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
1,4-Dichlorobenzene	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
1,1-Dichloroethane	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
1,2-Dichloroethane	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
1,1-Dichloroethene	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
cis-1,2-Dichloroethene	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
trans-1,2-Dichloroethene	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653	
1,2-Dichloroethene (Total)	<1.00	µg/L	1.00	1	08/16/11 18:22		L111653	

Qualifiers/	*	Outside QC limit	DF	Dilution Factor
Definitions	I	Recovery out of range	SQL	Method Quantitation Limit



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Ms. Sherri Tribble

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Truman, AR 72472

Project Semi-Annual/TTO
Information :

Report Date : 8/29/2011

Report Number : **11-222-0298**

REPORT OF ANALYSIS

Received : 8/10/2011

Lab No : **98104**

Matrix: **Aqueous**

Sample ID : **Stage 1-4 Washer & Rinse Grabs**

Sampled: **8/10/2011 0:00**

Analytical Method: 624

Prep Method: EPA-624 (PREP)

Prep Batch(es): L111651

Date/Time Prepped: 8/16/11 8:49

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dichloropropane	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653
cis-1,3-Dichloropropene	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653
trans-1,3-Dichloropropene	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653
1,3-Dichloropropene (Total)	<1.00	µg/L	1.00	1	08/16/11 18:22		L111653
Ethylbenzene	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653
Methylene Chloride	<10.0	µg/L	10.0	1	08/16/11 18:22	SEB	L111653
Styrene	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653
1,1,1,2-Tetrachloroethane	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653
1,1,2,2-Tetrachloroethane	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653
Tetrachloroethene	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653
Toluene	<5.00	µg/L	5.00	1	08/16/11 18:22	SEB	L111653
1,1,1-Trichloroethane	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653
1,1,2-Trichloroethane	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653
Trichloroethene	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653
Trichlorofluoromethane	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653
Vinyl Chloride	<1.00	µg/L	1.00	1	08/16/11 18:22	SEB	L111653
Surrogate: 4-Bromofluorobenzene	86.0 %		Limits: 71-131%	1	08/16/11 18:22	SEB	L111653
Surrogate: Dibromofluoromethane	81.2 %		Limits: 70-128%	1	08/16/11 18:22	SEB	L111653
Surrogate: 1,2-Dichloroethane - d4	124 %		Limits: 67-136%	1	08/16/11 18:22	SEB	L111653
Surrogate: Toluene-d8	99.0 %		Limits: 70-130%	1	08/16/11 18:22	SEB	L111653

**Qualifiers/
Definitions**

* Outside QC limit
I Recovery out of range

DF Dilution Factor
MQL Method Quantitation Limit



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 Roach Conveyors
 Ms. Sherri Tribble
 808 Highway 463 North
 Truman, AR 72472

Project : Semi-Annual/TTO
 Information :

Report Date : 8/29/2011

Report Number : 11-222-0298

REPORT OF ANALYSIS

Received : 8/10/2011

Lab No : 98104

Matrix: Aqueous

Sample ID : Stage 1-4 Washer & Rinse Grabs

Sampled: 8/10/2011 0:00

Analytical Method:	625	Prep Method:	625	Prep Batch(es):	L111255	Date/Time Prepped:	8/12/11 13:30
Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<20.0	µg/L	20.0	10	08/24/11 01:59	KYS	L112267
Acenaphthylene	<20.0	µg/L	20.0	10	08/24/11 01:59	KYS	L112267
Acetophenone	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
alpha-Terpineol	<100	µg/L	100	10	08/24/11 01:59	KYS	L112267
Anthracene	<20.0	µg/L	20.0	10	08/24/11 01:59	KYS	L112267
Benzidine	<200	µg/L	200	10	08/24/11 01:59	KYS	L112267
Benzo(a)anthracene	<20.0	µg/L	20.0	10	08/24/11 01:59	KYS	L112267
Benzo(a)pyrene	<20.0	µg/L	20.0	10	08/24/11 01:59	KYS	L112267
Benzo(b)fluoranthene	<20.0	µg/L	20.0	10	08/24/11 01:59	KYS	L112267
Benzo(g,h,i)perylene	<20.0	µg/L	20.0	10	08/24/11 01:59	KYS	L112267
Benzo(k)fluoranthene	<20.0	µg/L	20.0	10	08/24/11 01:59	KYS	L112267
Benzoic Acid	<100	µg/L	100	10	08/24/11 01:59	KYS	L112267
Benzyl alcohol	<100	µg/L	100	10	08/24/11 01:59	KYS	L112267
Bis(2-Chloroethoxy)methane	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Bis(2-Chloroethyl)ether	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Bis(2-Chloroisopropyl)ether	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Bis(2-ethylhexyl)phthalate	<100	µg/L	100	10	08/24/11 01:59	KYS	L112267
4-Bromophenyl phenyl ether	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Butyl benzyl phthalate	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
4-Chloro-3-methylphenol	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
2-Chloronaphthalene	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
2-Chlorophenol	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267

Qualifiers/	*	Outside QC limit	DF	Dilution Factor
Definitions	I	Recovery out of range	MQL	Method Quantitation Limit



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07154

Roach Conveyors

Ms. Sherri Tribble

808 Highway 463 North

Truman, AR 72472

Project Semi-Annual/TTO
Information :

Report Date : 8/29/2011

Report Number : 11-222-0298

REPORT OF ANALYSIS

Received : 8/10/2011

Lab No : 98104

Matrix: Aqueous

Sample ID : Stage 1-4 Washer & Rinse Grabs

Sampled: 8/10/2011 0:00

Analytical Method: 625

Prep Method: 625

Prep Batch(es): L111255

Date/Time Prepped: 8/12/11 13:30

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
4-Chlorophenyl phenyl ether	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Chrysene	<20.0	µg/L	20.0	10	08/24/11 01:59	KYS	L112267
n-Decane	<100	µg/L	100	10	08/24/11 01:59	KYS	L112267
Dibenz(a,h)anthracene	<20.0	µg/L	20.0	10	08/24/11 01:59	KYS	L112267
Dibenzofuran	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
1,2-Dichlorobenzene	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
1,3-Dichlorobenzene	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
1,4-Dichlorobenzene	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
3,3'-Dichlorobenzidine	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
2,4-Dichlorophenol	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Diethyl phthalate	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Dimethyl phthalate	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
2,4-Dimethylphenol	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Di-n-butyl phthalate	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
4,6-Dinitro-2-methylphenol	<100	µg/L	100	10	08/24/11 01:59	KYS	L112267
2,4-Dinitrophenol	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
2,4-Dinitrotoluene	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
2,6-Dinitrotoluene	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Di-n-Octyl Phthalate	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
1,2-Diphenylhydrazine/Azobenzene	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Fluoranthene	<20.0	µg/L	20.0	10	08/24/11 01:59	KYS	L112267
Fluorene	<20.0	µg/L	20.0	10	08/24/11 01:59	KYS	L112267

Qualifiers/ Definitions

* Outside QC limit
I Recovery out of range

DF Dilution Factor
MQL Method Quantitation Limit



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Ms. Sherri Tribble

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Truman, AR 72472

Project Semi-Annual/TTO

Information :

Report Date : 8/29/2011

Report Number : 11-222-0298

REPORT OF ANALYSIS

Received : 8/10/2011

Lab No : 98104

Matrix: Aqueous

Sample ID : Stage 1-4 Washer & Rinse Grabs

Sampled: 8/10/2011 0:00

Analytical Method: 625

Prep Method: 625

Prep Batch(es): L111255

Date/Time Prepped: 8/12/11 13:30

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Hexachlorobenzene	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Hexachlorobutadiene	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Hexachlorocyclopentadiene	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Hexachloroethane	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Indeno(1,2,3-cd)pyrene	<20.0	µg/L	20.0	10	08/24/11 01:59	KYS	L112267
Isophorone	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Naphthalene	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Nitrobenzene	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
2-Nitrophenol	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
4-Nitrophenol	<200	µg/L	200	10	08/24/11 01:59	KYS	L112267
N-Nitrosodimethylamine	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
N-Nitrosodiphenylamine	<100	µg/L	100	10	08/24/11 01:59	KYS	L112267
N-Nitrosodiethylamine	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
N-Nitroso-di-n-butylamine	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
N-Nitroso-di-n-propylamine	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
n-Octadecane	<100	µg/L	100	10	08/24/11 01:59	KYS	L112267
Pentachlorophenol	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Phenanthrene	<20.0	µg/L	20.0	10	08/24/11 01:59	KYS	L112267
Phenol	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Pyrene	<20.0	µg/L	20.0	10	08/24/11 01:59	KYS	L112267
1,2,4,5-Tetrachlorobenzene	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
2,3,4,6-Tetrachlorophenol	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267

**Qualifiers/
Definitions**

* Outside QC limit
I Recovery out of range

DF Dilution Factor
MQL Method Quantitation Limit



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 Roach Conveyors
 Ms. Sherri Tribble
 808 Highway 463 North
 Truman, AR 72472

Project Semi-Annual/TTO
 Information :

Report Date : 8/29/2011

Report Number : **11-222-0298**

REPORT OF ANALYSIS

Received : 8/10/2011

Lab No : **98104**

Matrix: **Aqueous**

Sample ID : **Stage 1-4 Washer & Rinse Grabs**

Sampled: **8/10/2011 0:00**

Analytical Method: 625

Prep Method: 625

Prep Batch(es): L111255

Date/Time Prepped: 8/12/11 13:30

Test	Results	Units	MLQ	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trichlorobenzene	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
2,4,5-Trichlorophenol	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
2,4,6-Trichlorophenol	<50.0	µg/L	50.0	10	08/24/11 01:59	KYS	L112267
Surrogate: 2-Fluorobiphenyl	69.9 %		Limits: 38-107%	10	08/24/11 01:59	KYS	L112267
Surrogate: 2-Fluorophenol	34.2 %		Limits: 8-88%	10	08/24/11 01:59	KYS	L112267
Surrogate: Nitrobenzene-d5	53.1 %		Limits: 29-105%	10	08/24/11 01:59	KYS	L112267
Surrogate: Phenol-d6	0.000 % *		Limits: 7-58%	10	08/24/11 01:59	KYS	L112267
Surrogate: 4-Terphenyl-d14	65.4 %		Limits: 33-122%	10	08/24/11 01:59	KYS	L112267
Surrogate: 2,4,6-Tribromophenol	74.5 %		Limits: 16-138%	10	08/24/11 01:59	KYS	L112267

Analytical Method: EPA-608 (PCB)

Prep Method: EPA-608 (PCB Prep)

Prep Batch(es): L111328

Date/Time Prepped: 8/15/11 9:00

Test	Results	Units	MLQ	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.200	µg/L	0.200	1	08/15/11 23:13	VIC	L111577
Aroclor 1221	<0.200	µg/L	0.200	1	08/15/11 23:13	VIC	L111577
Aroclor 1232	<0.200	µg/L	0.200	1	08/15/11 23:13	VIC	L111577
Aroclor 1242	<0.200	µg/L	0.200	1	08/15/11 23:13	VIC	L111577
Aroclor 1248	<0.200	µg/L	0.200	1	08/15/11 23:13	VIC	L111577
Aroclor 1254	<0.200	µg/L	0.200	1	08/15/11 23:13	VIC	L111577

Qualifiers/ * Outside QC limit
Definitions I Recovery out of range

DF Dilution Factor
 MLQ Method Quantitation Limit



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Roach Conveyors

Ms. Sherri Tribble

808 Highway 463 North

Truman, AR 72472

Project Semi-Annual/TTO
Information :

Report Date : 8/29/2011

Report Number : 11-222-0298

REPORT OF ANALYSIS

Received : 8/10/2011

Lab No : 98104

Matrix: Aqueous

Sample ID : Stage 1-4 Washer & Rinse Grabs

Sampled: 8/10/2011 0:00

Analytical Method: EPA-608 (PCB)

Prep Method: EPA-608 (PCB Prep)

Prep Batch(es): L111328

Date/Time Prepped: 8/15/11 9:00

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1260	<0.200	µg/L	0.200	1	08/15/11 23:13	VIC	L111577
Surrogate: Decachlorobiphenyl	39.2 %		Limits: 25-125%	1	08/15/11 23:13	VIC	L111577
Surrogate: Tetrachloro-m-xylene	68.5 %		Limits: 25-125%	1	08/15/11 23:13	VIC	L111577

**Qualifiers/
Definitions**

* Outside QC limit
I Recovery out of range

DF Dilution Factor
MQL Method Quantitation Limit



Cooler Receipt Form

Customer Number: 07154

Customer Name: Roach Conveyors

Report Number: 11-222-0298

Shipping Method

Shipping Method options: Fed Ex, UPS, US Postal, Client (selected), Lab, Courier, Other

- Shipping container/cooler uncompromised? Yes (selected), No
Custody seals intact on shipping container/cooler? Yes, No, Not Required (selected)
Custody seals intact on sample bottles? Yes, No, Not Required (selected)
Chain of Custody (COC) present? Yes (selected), No
COC agrees with sample label(s)? Yes (selected), No
COC properly completed? Yes (selected), No
Samples in proper containers? Yes (selected), No
Sample containers intact? Yes (selected), No
Sufficient sample volume for indicated test(s)? Yes (selected), No
All samples received within holding time? Yes (selected), No
Cooler temperature in compliance? Yes (selected), No
Water - Sample containers properly preserved? Yes (selected), No, N/A
Water - VOA vials free of headspace? Yes (selected), No, N/A
Trip Blanks received with VOAs? Yes, No, N/A (selected)
Soil VOA method 5035 - compliance criteria met? Yes, No, N/A (selected)
High concentration container (48 hr) / Low concentration EnCore samplers (48 hr)
High concentration pre-weighed (methanol -14 d) / Low conc pre-weighed vials (Sod Bis -14 d)
Special precautions or instructions included? Yes, No (selected)

Comments: [Empty box for notes]

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Brooke Shoup

Date & Time: 08/10/2011 15:28:56

Environmental Testing & Consulting, Inc. Chain of Custody

Page 1 of 1

Client Name Roach Mfg. Corp.	Client Project Manager/Contact Dr. Rick Clift Sherri Tribble	Phone # 870-215-2676 870-483-7631
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Roach Conveyors
Semi-Annual/TTO

11-222-0298
07154
2011-08-10
15:27:31

Project Site Location Trumann, Arkansas	email Address rc@tttstate.edu
---	---

Project Number -	FID # -	Purchase Order Number -
---------------------	------------	----------------------------

Type of Event Single Daily Weekly Monthly Quarterly Semi-Annual	Method of Shipment personal delivery
---	--

NPDES Wastewater
 UST
 Other Program

RUSH - Additional charges apply. The following require a Statement of Work
 Special Report Requirements
 Special Detection Limit(s)
 Special Method Requirements

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(901) 213-2440 (fax)
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Date	Time	Sample Identification	Number of Containers	Matrix	Required Analysis:									
					(Grab or Composite)	Metals: Cd, Cr, Cu, Pb, Ni, Ag & Zn	Total Cyanide	TTO - SVOCs, Pesticides & PCBs	TTO - VOC					
8/10/11	1:20p	Stage 4 - Continuous Rinse	2	WW	C	X	X							
8/10/11	1:30p	Stages 1, 2, 3 & 4	2	WW	C	X	X							
8/10/11	12:55p	Stage 1 - Washer	1	G				X						
8/10/11	1:05p	Stage 2 - Washer	1	G				X						
8/10/11	1:10p	Stage 3 - Washer	1	G				X						
8/10/11	1:15p	Stage 4 - Rinse	1	G				X						
8/10/11	12:55p	Stage 1 - Washer	2	G					X					
8/10/11	1:05p	Stage 2 - Washer	2	G					X					
8/10/11	1:10p	Stage 3 - Washer	2	G					X					
8/10/11	1:15p	Stage 4 - Rinse	2	G					X					

Composite grab samples with these fractions:
Stage 1 - 0.357
2 - 0.143
3 - 0.357
4 - 0.143

Composite wash same fractions as noted above.

Matrix: **W**
 W - Wastewater GW - Groundwater BW - Drinking Water S - Soil O - Oil L - Non-hazardous Liquid
 Other

Sampled by (Name/Affiliation): (Print)
Erin Clark - Roach
Rick Clift - Consultant

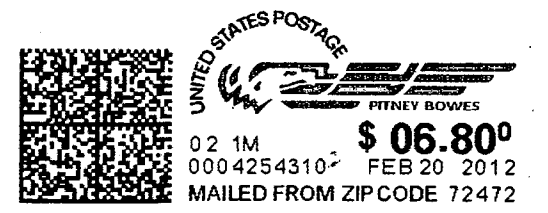
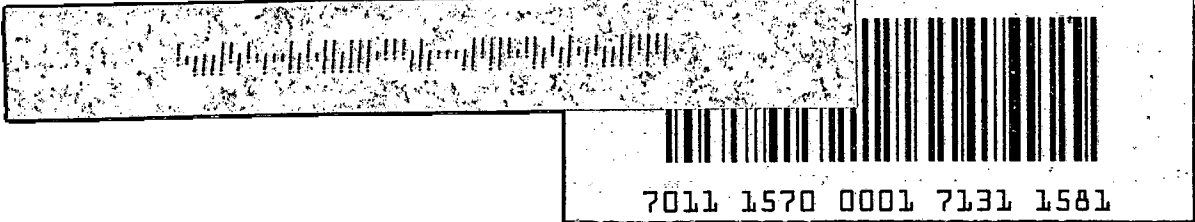
Client Remarks/Comments
Composite grab samples in lab prior to TTO analysis.


For Laboratory Use Only

Tool	Cooler Temp	Lab Comments
N	4°C	6 17

Relinquished by: (SIGNATURE) Rick Clift	Date Time 8/10/11 2:15p	Received by: (SIGNATURE) J. Smith	Date Time 8/10/11 1450
---	-----------------------------------	---	----------------------------------

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S H I P T O		ADEQ Arkansas Dept. of Environmental Quality Rufus J. Torrence Water Division Engineer 5301 Northshore Drive North Little Rock AR 72118-5317