

Henderson, Katie

From: Gilliam, Allen
Sent: Monday, June 18, 2012 9:32 AM
To: jmcpherson@hmmusa.com
Cc: jshempert.waterdept@yahoo.com; Henderson, Katie
Subject: AR0021971_Hino ARP001025 June 2012 Semi Annual Pretreatment Report Reply_20120618
Attachments: June 2012 Pretreatment Report 06142012.pdf

Jerry,

Your June 2012 semi-annual report was received, reviewed, deemed complete and compliant with the Federal Pretreatment Regulations in 40 CFR 403, more specifically with the metal finishing limitations in 40 CFR 433.17.

Thank you for your expedient response(s) in submitting Hino's Baseline Monitoring Report (BMR) and first semi-annual report bringing Hino back into compliance with the Federal Pretreatment Regulations. Your next semi-annual report will be due during the month of December.

Please keep all Pretreatment related reports and correspondence for a minimum of three (3) years per 40 CFR 403.12(o)(2).

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

ec: Jim Shempert/Marion Wastewater/Utility Manager

From: jmcpherson@hmmusa.com [<mailto:jmcpherson@hmmusa.com>]
Sent: Thursday, June 14, 2012 9:17 AM
To: Gilliam, Allen
Cc: jshempert.waterdept@yahoo.com
Subject: June Semi-Annual Pretreatment 2012
Importance: High

Attached is the June Pretreatment Report.

Best Regards

Jerry McPherson
Manager EHS
Hino Motors Manufacturing USA
100 Hino Blvd
Marion, AR 72364
Direct # 870-702-3037
Cell #870-635-1367
E-Mail: jmcpherson@hmmusa.com

"SAFETY IS ALWAYS FIRST"

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40 CFR 433

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

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

**Hino Motors Manufacturing USA LLC
100 Hino Blvd
Marion, AR 72364**

B. FACILITY & LOCATION ADDRESS

**Hino Motors Manufacturing USA LLC
100 Hino Blvd
Marion, AR 72364**

C. FACILITY CONTACT: Jerry McPherson TELEPHONE NUMBER: 870-702-3037 e-mail: jmcpheson@hmmusa.com

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

A. MONTHS WHICH REPORTS ARE DUE

June & December

B. PERIOD COVERED BY THIS REPORT

FROM: December 2011 TO: June 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

SEE 40CFR433.10(a) FOR THE 40 ANCILLARY 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.

C. Number of Regular Employees at this Facility 325

D. [Reserved]

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
Regulated (Core & Ancillary)	6,044**		Continuous
Regulated (Cyanide)	0		
' 403.6(e) Unregulated*	0		
' 403.6(e) Dilute	0		
Cooling Water	0		
Sanitary	20 gpd per person		Continuous
Total Flow to POTW	12,544 gallons		Continuous

*"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

**** The Regulated process waste is not mixed with sanitary waste at time of metering.**

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

Pollutant(mg/l) limits	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 Avg	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	0.002	0.005	0.008	0.006	0.794	0.005	0.025	0.010	<.005
Avg Measured**									*

Sample Location: Pretreatment Discharge Tank

Sample Type (Grab or Composite): Grab

Number of Samples and Frequency Collected; 6 Sample taken semi-annual

40CFR136 Preservation and Analytical Methods Use: Yes No (include complete Chain of Custody)

*If a TOMP has been submitted and approved by ADEQ place N/A.

**A value here can only be the average of all samples taken during one (1) calendar month.

(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.

Jerry McPherson
(Typed/Printed Name)

(Corporate Officer or authorized representative signature)

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)]

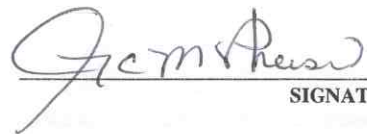
I certify under penalty of law that I have personally examined and am familiar with the information in this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information 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.

Jerry McPherson

NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

EHS Manager

OFFICIAL TITLE



SIGNATURE

June 14, 2012

DATE SIGNED

6/4/2012

Hino Motor Manufacturing USA, Inc.
Mr. Jerry McPherson
100 Hino Blvd
Marion, AR, 72364

Ref: Analytical Testing
ETC Report Number: 12-145-0240
Client Project Description: Pre-treatment Discharge
Project #05242012

Dear Mr. Jerry McPherson:

Environmental Testing and Consulting, Inc. received sample(s) on 5/24/2012 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, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

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 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	VA NELAP	#460181	Texas	#T104704180-11-6	Arkansas	#88-0650
Mississippi		California	#09267CA	NC	#415	Oklahoma	#9311	Virginia	#00106
Kentucky	#90047	Tennessee	#TN02027	EPA	#TN00012	Kentucky UST	#41	Kansas	#E-10396





Client: Hino Motor Manufacturing USA, Inc.
Project: Pre-treatment Discharge
Lab Report Number: 12-145-0240
Date: 6/4/2012

CASE NARRATIVE

Semivolatile Organic Compounds - GC/MS Method EPA-625

Sample 95607 (Discharge)

Analyte: Hexachloroethane

This target analyte was flagged for recoveries outside QC limits in the associated LCS/LCSD. Data for this analyte is flagged 'M' to indicate that results should be considered estimated concentration due to the potential for a low bias.



ENVIRONMENTAL TESTING & CONSULTING, INC.

www.etcmemphis.com

2790 Whitten Road

Memphis, Tennessee 38133

(901) 213-2400

Fax (901) 213-2440

"A Laboratory Management Partner"

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Hino Motor Manufacturing USA, Inc.

Mr. Jerry McPherson

100 Hino Blvd

Marion, AR 72364

Project Pre-treatment Discharge

Information : Project #05242012

Report Date : 6/4/2012

Report Number : 12-145-0240

REPORT OF ANALYSIS

Received : 5/24/2012

Lab No : 95607

Matrix: Aqueous

Sample ID : Discharge

Sampled: 5/24/2012 8:00

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Method
Total Cyanide	<0.010	mg/L	0.010	1	05/25/12 09:00	NRT	4500-CN-E
Total Cadmium	<0.002	mg/L	0.002	1	05/25/12 21:48	BKN	EPA-200.7
Total Chromium	<0.005	mg/L	0.005	1	05/25/12 21:48	BKN	EPA-200.7
Total Copper	0.008	mg/L	0.005	1	05/25/12 21:48	BKN	EPA-200.7
Total Lead	<0.006	mg/L	0.006	1	05/25/12 21:48	BKN	EPA-200.7
Total Nickel	0.794	mg/L	0.005	1	05/25/12 21:48	BKN	EPA-200.7
Total Silver	<0.005	mg/L	0.005	1	05/25/12 21:48	BKN	EPA-200.7
Total Zinc	0.025	mg/L	0.010	1	05/25/12 21:48	BKN	EPA-200.7

Qualifiers/ Definitions

*
M

Outside QC limit
Minimum value

DF
MQL

Dilution Factor
Method Quantitation Limit



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Project Pre-treatment Discharge

Information : Project #05242012

Report Date : 6/4/2012

Report Number : 12-145-0240

REPORT OF ANALYSIS

Received : 5/24/2012

Lab No : 95607

Matrix: Aqueous

Sample ID : Discharge

Sampled: 5/24/2012 8:00

Analytical Method: 608

Prep Method: EPA-608 (PREP)

Prep Batch(es): L132481

Date/Time Prepped: 5/12/2012 09:00:00

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
alpha-BHC	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
beta-BHC	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
delta-BHC	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
Chlordane	<0.200	µg/L	0.200	10	05/29/12 18:07	DPC	L132802
4,4'-DDD	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
4,4'-DDE	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
4,4'-DDT	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
Dieldrin	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
Endosulfan I	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
Endosulfan II	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
Endosulfan Sulfate	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
Endrin	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
Endrin Aldehyde	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
gamma-BHC	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
Heptachlor	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
Heptachlor Epoxide	<0.0400	µg/L	0.0400	10	05/29/12 18:07	DPC	L132802
Toxaphene	<0.300	µg/L	0.300	10	05/29/12 18:07	DPC	L132802
Surrogate: Decachlorobiphenyl	68.1 %		Limits: 36-116%	10	05/29/12 18:07	DPC	L132802
Surrogate: Tetrachloro-m-xylene	52.0 %		Limits: 25-123%	10	05/29/12 18:07	DPC	L132802

Qualifiers/Definitions

* Outside QC limit
 I Recovery out of range
 MQL Method Quantitation Limit

DF Dilution Factor
 M Minimum value



10349

Hino Motor Manufacturing USA, Inc.

Mr. Jerry McPherson

100 Hino Blvd

Marion, AR 72364

Project Pre-treatment Discharge

Information: Project #05242012

Report Date : 6/4/2012

Report Number : 12-145-0240

REPORT OF ANALYSIS

Received : 5/24/2012

Lab No : 95607

Matrix: Aqueous

Sample ID : Discharge

Sampled: 5/24/2012 8:00

Analytical Method: 625

Prep Method: 625

Prep Batch(es): L132512

Date/Time Prepped: 5/29/2012 10:30:00

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<2.00	µg/L	2.00	1	05/30/12 17:24	MKC	L132743
Acenaphthylene	<2.00	µg/L	2.00	1	05/30/12 17:24	MKC	L132743
Anthracene	<2.00	µg/L	2.00	1	05/30/12 17:24	MKC	L132743
Benzidine	<20.0	µg/L	20.0	1	05/30/12 17:24	MKC	L132743
Benzo(a)anthracene	<2.00	µg/L	2.00	1	05/30/12 17:24	MKC	L132743
Benzo(a)pyrene	<2.00	µg/L	2.00	1	05/30/12 17:24	MKC	L132743
Benzo(b)fluoranthene	<2.00	µg/L	2.00	1	05/30/12 17:24	MKC	L132743
Benzo(g,h,i)perylene	<2.00	µg/L	2.00	1	05/30/12 17:24	MKC	L132743
Benzo(k)fluoranthene	<2.00	µg/L	2.00	1	05/30/12 17:24	MKC	L132743
Bis(2-Chloroethoxy)methane	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Bis(2-Chloroethyl)ether	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Bis(2-Chloroisopropyl)ether	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Bis(2-ethylhexyl)phthalate	<10.0	µg/L	10.0	1	05/30/12 17:24	MKC	L132743
4-Bromophenyl phenyl ether	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Butyl benzyl phthalate	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
4-Chloro-3-methylphenol	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
2-Chloronaphthalene	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
2-Chlorophenol	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
4-Chlorophenyl phenyl ether	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Chrysene	<2.00	µg/L	2.00	1	05/30/12 17:24	MKC	L132743
Dibenz(a,h)anthracene	<2.00	µg/L	2.00	1	05/30/12 17:24	MKC	L132743
1,2-Dichlorobenzene	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743

**Qualifiers/
Definitions**

* Outside QC limit
I Recovery out of range
MQL Method Quantitation Limit

DF Dilution Factor
M Minimum value

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Project Pre-treatment Discharge

Information : Project #05242012

Report Date : 6/4/2012

Report Number : 12-145-0240

REPORT OF ANALYSIS

Received : 5/24/2012

Lab No : 95607

Matrix: Aqueous

Sample ID : Discharge

Sampled: 5/24/2012 8:00

Analytical Method: 625

Prep Method: 625

Prep Batch(es): L132512

Date/Time Prepped: 5/29/2012 10:30:00

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
1,3-Dichlorobenzene	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
1,4-Dichlorobenzene	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
3,3'-Dichlorobenzidine	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
2,4-Dichlorophenol	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Diethyl phthalate	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Dimethyl phthalate	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
2,4-Dimethylphenol	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Di-n-butyl phthalate	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
4,6-Dinitro-2-methylphenol	<10.0	µg/L	10.0	1	05/30/12 17:24	MKC	L132743
2,4-Dinitrophenol	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
2,4-Dinitrotoluene	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
2,6-Dinitrotoluene	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Di-n-Octyl Phthalate	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
1,2-Diphenylhydrazine/Azobenzene	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Fluoranthene	<2.00	µg/L	2.00	1	05/30/12 17:24	MKC	L132743
Fluorene	<2.00	µg/L	2.00	1	05/30/12 17:24	MKC	L132743
Hexachlorobenzene	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Hexachlorobutadiene	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Hexachlorocyclopentadiene	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Hexachloroethane	<5.00 M	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Indeno(1,2,3-cd)pyrene	<2.00	µg/L	2.00	1	05/30/12 17:24	MKC	L132743
Isophorone	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743

Qualifiers/Definitions	*	Outside QC limit	DF	Dilution Factor
	I	Recovery out of range	M	Minimum value
	ML	Method Quantitation Limit		



10349

Hino Motor Manufacturing USA, Inc.

Mr. Jerry McPherson

100 Hino Blvd

Marion, AR 72364

Project Pre-treatment Discharge

Information : Project #05242012

Report Date : 6/4/2012

Report Number : 12-145-0240

REPORT OF ANALYSIS

Received : 5/24/2012

Lab No : 95607

Matrix: Aqueous

Sample ID : Discharge

Sampled: 5/24/2012 8:00

Analytical Method: 625

Prep Method: 625

Prep Batch(es): L132512

Date/Time Prepped: 5/29/2012 10:30:00

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Naphthalene	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Nitrobenzene	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
2-Nitrophenol	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
4-Nitrophenol	<20.0	µg/L	20.0	1	05/30/12 17:24	MKC	L132743
N-Nitrosodimethylamine	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
N-Nitrosodiphenylamine	<10.0	µg/L	10.0	1	05/30/12 17:24	MKC	L132743
N-Nitroso-di-n-propylamine	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Pentachlorophenol	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Phenanthrene	<2.00	µg/L	2.00	1	05/30/12 17:24	MKC	L132743
Phenol	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Pyrene	<2.00	µg/L	2.00	1	05/30/12 17:24	MKC	L132743
1,2,4-Trichlorobenzene	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
2,4,6-Trichlorophenol	<5.00	µg/L	5.00	1	05/30/12 17:24	MKC	L132743
Surrogate: 2-Fluorobiphenyl	46.6 %		Limits: 38-107%	1	05/30/12 17:24	MKC	L132743
Surrogate: 2-Fluorophenol	38.9 %		Limits: 8-88%	1	05/30/12 17:24	MKC	L132743
Surrogate: Nitrobenzene-d5	39.9 %		Limits: 29-105%	1	05/30/12 17:24	MKC	L132743
Surrogate: Phenol-d6	29.2 %		Limits: 7-58%	1	05/30/12 17:24	MKC	L132743
Surrogate: 4-Terphenyl-d14	59.6 %		Limits: 30-130%	1	05/30/12 17:24	MKC	L132743
Surrogate: 2,4,6-Tribromophenol	60.4 %		Limits: 16-138%	1	05/30/12 17:24	MKC	L132743

Qualifiers/Definitions

* Outside QC limit
 I Recovery out of range
 MQL Method Quantitation Limit

DF Dilution Factor
 M Minimum value



10349

Hino Motor Manufacturing USA, Inc.

Mr. Jerry McPherson

100 Hino Blvd

Marion, AR 72364

Project Pre-treatment Discharge
Information: Project #05242012

Report Date : 6/4/2012

Report Number : **12-145-0240**

REPORT OF ANALYSIS

Received : 5/24/2012

Lab No : **95607**

Matrix: **Aqueous**

Sample ID : **Discharge**

Sampled: **5/24/2012 8:00**

Analytical Method: EPA-608 (PCB)

Prep Method: EPA-608 (PCB Prep)

Prep Batch(es): L132480

Date/Time Prepped: 5/29/2012 09:00:00

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.200	µg/L	0.200	1	05/30/12 21:56	DPC	L132786
Aroclor 1221	<0.200	µg/L	0.200	1	05/30/12 21:56	DPC	L132786
Aroclor 1232	<0.200	µg/L	0.200	1	05/30/12 21:56	DPC	L132786
Aroclor 1242	<0.200	µg/L	0.200	1	05/30/12 21:56	DPC	L132786
Aroclor 1248	<0.200	µg/L	0.200	1	05/30/12 21:56	DPC	L132786
Aroclor 1254	<0.200	µg/L	0.200	1	05/30/12 21:56	DPC	L132786
Aroclor 1260	<0.200	µg/L	0.200	1	05/30/12 21:56	DPC	L132786
Surrogate: Decachlorobiphenyl	92.3 %		Limits: 25-125%	1	05/30/12 21:56	DPC	L132786
Surrogate: Tetrachloro-m-xylene	77.1 %		Limits: 25-125%	1	05/30/12 21:56	DPC	L132786

**Qualifiers/
Definitions**

* Outside QC limit
I Recovery out of range
MQL Method Quantitation Limit

DF Dilution Factor
M Minimum value

Cooler Receipt Form

Customer Number: **10349**

Customer Name: **Hino Motor Manufacturing USA, Inc.**

Report Number: **12-145-0240**

Shipping Method

Fed Ex UPS US Postal Client Lab Courier Other :

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Custody seals intact on shipping container/cooler?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Samples in proper containers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler temperature in compliance?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Water - Sample containers properly preserved	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
Water - VOA vials free of headspace	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
<input type="checkbox"/> High concentration container (48 hr)		<input type="checkbox"/> Low concentration EnCore samplers (48 hr)	
<input type="checkbox"/> High concentration pre-weighed (methanol -14 d)		<input type="checkbox"/> Low conc pre-weighed vials (Sod Bis -14 d)	
Special precautions or instructions included?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

Comments:

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

Signature:

Date & Time:



ENVIRONMENTAL TESTING & CONSULTING, INC.

2790 Whitten Road - Memphis Tennessee 38133 (901) 213-2400 Fax (901) 213-2440



12-145-0240
10349
2012-05-24
11:41:08

Hino Motor Manufacturing USA, Inc
Pre-treatment Discharge

Company Name Hino Motor Manufacturing USA, Inc.		Customer Number 10349	Telephone (870) 635-1367	RUSH	ICE
Site Name Semi-annual		Project Comment Pre-treatment discharge to the City of Memphis from Hino's EDP.		FID Number	
Project Pre-treatment Discharge		Project Number 05242012	PO Number		
Project Manager / Contact Mr. Jerry McPherson			E-mail jmcpherson@himmusa.com		

Sample ID	Container Type	Collected Date / Time	# Cont	Preservative	Grab / Comp	Matrix	Analyses
Discharge	Glass Vial Amber - 40ml	05/24/2012 0800	3	HCL - Hydrochloric Acid		Aqueous	624 - TIO - VOC
Discharge	Glass Amber - Liter	05/24/2012 0800	2	Na2S2O3 - Sodium Thiosulfate		Aqueous	625, 608 - TIO - SVOC, PCB, Pesticides
Discharge	Plastic - Pint	05/24/2012 0800	1	NaOH - Sodium Hydroxide		Aqueous	CNT
Discharge	Plastic - Pint	05/24/2012 0800	1	HNO3 - Nitric Acid		Aqueous	Cd, Cr, Cu, Pb, Ni, Ag, Zn

Sampled By Rico Jeffrey	Method of Shipment Company Vehicle	Blank / Cooler Temperature 10	Remarks
Relinquished By (sign) <i>[Signature]</i>	Date / Time 5/24/2012 08:00	Received By (sign) <i>[Signature]</i>	Date / Time 05/24/2012 0800
Relinquished By (sign) <i>[Signature]</i>	Date / Time 5/24/2012 10:36	Received By (sign) <i>[Signature]</i>	Date / Time 5/24/12 - 10:36
Relinquished By (sign)	Date / Time	Received by Lab (sign)	Date / Time

6/6/2012

Hino Motor Manufacturing USA, Inc.
Mr. Jerry McPherson
100 Hino Blvd
Marion, AR, 72364

Ref: Analytical Testing
ETC Report Number: 12-153-0287
Client Project Description: Semi-annual Pre-treatment Discharge
June 2012
Project #05242012

Dear Mr. Jerry McPherson:

Environmental Testing and Consulting, Inc. received sample(s) on 6/1/2012 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, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

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 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	VA NELAP	#460181	Texas	#T104704180-11-6	Arkansas	#88-0650
Mississippi		California	#09267CA	NC	#415	Oklahoma	#9311	Virginia	#00106
Kentucky	#90047	Tennessee	#TN02027	EPA	#TN00012	Kentucky UST	#41	Kansas	#E-10396





10349

Hino Motor Manufacturing USA, Inc.
Mr. Jerry McPherson
100 Hino Blvd
Marion, AR 72364

Project: Semi-annual Pre-treatment Discharge
Information: June 2012
Project #05242012

Report Date: 6/6/2012

Report Number: 12-153-0287

REPORT OF ANALYSIS

Received: 6/1/2012

Lab No: 97029

Matrix: Aqueous

Sample ID: Discharge

Sampled: 6/1/2012 8:30

Analytical Method: 624

Prep Method: EPA-624 (PREP)

Prep Batch(es): L133172

Date/Time Prepped: 6/5/2012 16:37:00

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<20.0	µg/L	20.0	1	06/05/12 20:56	SEB	L133175
Acrylonitrile	<20.0	µg/L	20.0	1	06/05/12 20:56	SEB	L133175
Benzene	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
Bromodichloromethane	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
Bromoform	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
Bromomethane	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
Carbon Tetrachloride	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
Chlorobenzene	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
Chlorodibromomethane	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
Chloroethane	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
2-Chloroethylvinyl Ether	<5.00	µg/L	5.00	1	06/05/12 20:56	SEB	L133175
Chloroform	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
Chloromethane	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
1,2-Dichlorobenzene	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
1,3-Dichlorobenzene	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
1,4-Dichlorobenzene	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
1,1-Dichloroethane	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
1,2-Dichloroethane	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
1,1-Dichloroethene	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
cis-1,2-Dichloroethene	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
trans-1,2-Dichloroethene	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
1,2-Dichloroethene (Total)	<1.00	µg/L	1.00	1	06/05/12 20:56		L133175

Qualifiers/Definitions

* Outside QC limit
I Recovery out of range

DF Dilution Factor
MQL Method Quantitation Limit



10349

Hino Motor Manufacturing USA, Inc.

Mr. Jerry McPherson

100 Hino Blvd

Marion, AR 72364

Project Semi-annual Pre-treatment Discharge

Information: June 2012

Project #05242012

Report Date : 6/6/2012

Report Number : 12-153-0287

REPORT OF ANALYSIS

Received : 6/1/2012

Lab No : 97029

Matrix: **Aqueous**

Sample ID : Discharge

Sampled: 6/1/2012 8:30

Analytical Method: 624

Prep Method: EPA-624 (PREP)

Prep Batch(es): L133172

Date/Time Prepped: 6/5/2012 16:37:00

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dichloropropane	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
cis-1,3-Dichloropropene	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
trans-1,3-Dichloropropene	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
1,3-Dichloropropene (Total)	<1.00	µg/L	1.00	1	06/05/12 20:56		L133175
Ethylbenzene	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
Methylene Chloride	<10.0	µg/L	10.0	1	06/05/12 20:56	SEB	L133175
1,1,1,2-Tetrachloroethane	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
1,1,2,2-Tetrachloroethane	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
Tetrachloroethene	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
Toluene	<5.00	µg/L	5.00	1	06/05/12 20:56	SEB	L133175
1,1,1-Trichloroethane	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
1,1,2-Trichloroethane	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
Trichloroethene	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
Vinyl Chloride	<1.00	µg/L	1.00	1	06/05/12 20:56	SEB	L133175
Surrogate: 4-Bromofluorobenzene	81.2 %		Limits: 71-131%	1	06/05/12 20:56	SEB	L133175
Surrogate: Dibromofluoromethane	78.0 %		Limits: 70-128%	1	06/05/12 20:56	SEB	L133175
Surrogate: 1,2-Dichloroethane - d4	88.2 %		Limits: 67-136%	1	06/05/12 20:56	SEB	L133175
Surrogate: Toluene-d8	95.8 %		Limits: 70-130%	1	06/05/12 20:56	SEB	L133175

**Qualifiers/
Definitions**

* Outside QC limit
I Recovery out of range

DF Dilution Factor
MQL Method Quantitation Limit

Cooler Receipt Form

Customer Number: **10349**

Customer Name: **Hino Motor Manufacturing USA, Inc.**

Report Number: **12-153-0287**

Shipping Method

Fed Ex UPS US Postal Client Lab Courier Other :

- Shipping container/cooler uncompromised? Yes No
- Custody seals intact on shipping container/cooler? Yes No Not Required
- Custody seals intact on sample bottles? Yes No Not Required
- Chain of Custody (COC) present? Yes No
- COC agrees with sample label(s)? Yes No
- COC properly completed Yes No
- Samples in proper containers? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test(s)? Yes No
- All samples received within holding time? Yes No
- Cooler temperature in compliance? Yes No
- Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun. Yes No
- Water - Sample containers properly preserved Yes No N/A
- Water - VOA vials free of headspace Yes No N/A
- Trip Blanks received with VOAs Yes No N/A
- Soil VOA method 5035 – compliance criteria met Yes No N/A
- 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

Comments:

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

Signature:

Date & Time:



ENVIRONMENTAL TESTING & CONSULTING, INC.

2790 Whitten Road Memphis, Tennessee 38133 (901) 213-2400 Fax (901) 213-2440



Hino Motor Manufacturing USA, Inc.
Semi-annual Pre-treatment Discharge

12-153-0267
10349
2012-06-01
16 35 22

000019500

Company Name Hino Motor Manufacturing USA, Inc.		Customer Number 10349	Telephone (870) 635-1367	RUSH	ICE <input checked="" type="checkbox"/>		
Site Name Semi-Annual June 2012		Project Comment			FID Number		
Project Pre-treatment Discharge		Project Number 05242012	PO Number 39557				
Project Manager / Contact Mr. Jerry McPherson			E-mail jmcpherson@hmmusa.com				
Sample ID	Container Type	Collected Date / Time	# Cont	Preservative	Grab / Comp	Matrix	Analyses
Discharge	Glass Vial Amber 40ml	6/1/2012 0830	3	HCL - Hydrochloric Acid		Aqueous	TTD-VOC's

Sampled By <i>[Signature]</i>	Method of Shipment Company Vehicle	Blank / Cooler Temperature 12	Remarks
Relinquished By (sign) <i>[Signature]</i>	Date / Time 6-1-12/09:00	Received By (sign) <i>[Signature]</i>	Date / Time 6/1/12 0900
Relinquished By (sign) <i>[Signature]</i>	Date / Time 6-1-2012 10:33	Received By (sign)	Date / Time
Relinquished By (sign)	Date / Time	Received by Lab (sign) <i>[Signature]</i>	Date / Time 6-1-12 1033

1/1