

Gage, Hannah

From: Johnson, Lindsay
Sent: Monday, February 13, 2017 9:02 AM
To: 'Jerrel Moore'
Cc: Yates, Adam; Leamons, Bryan; McWilliams, Carrie; 'erowlett@hmmusa.com'; 'douglas.williams@hmmusa.com'; Gage, Hannah
Subject: AR0021971_Hino Motors ARP001025 Dec 2016 Semi Annual Pretreatment Report_20170213
Attachments: Hino Motors Manufacturing Semi-Annual Pretreatment Report-December 2016.pdf

Jerrel,

Hino's December 2016 semi-annual Pretreatment report was received, reviewed and deemed compliant with the reporting requirements in 40 CFR 403.12(e).

It was noted that the Total Zinc had a result of 2.58 mg/l which is close to the Max Limit of 2.61 mg/l. Please keep in mind that exceeding a monthly average limit of 1.48 mg/l of Total Zinc would be a violation of Metal Finishing standards in 40 CFR 433.17.

Thank you for the timely report.

Sincerely,

Lindsay Johnson
NPDES Staff Engineer
ADEQ-Office of Water Quality
(501)682-0045

E/NPDES/NPDES/Pretreatment/Reports

From: Jerrel Moore [<mailto:Jerrel.Moore@HMMUSA.COM>]
Sent: Thursday, December 22, 2016 11:16 AM
To: Yates, Adam
Subject: Hino Motors Manufacturing Semi-Annual Pretreatment Sanitary Sewer Report for December 2016

Mr. Adam Yates,

Attached is the Hino Motor Manufacturing Semi-Annual Pretreatment Report for the Month of December 2016. We will be on our Plant shut down until January 3, 2017. If you should have any question please do not hesitate to contact me.

Sincerely,

Jerrel Moore
Senior Environmental, Health and Safety Specialist
Hino Motors Manufacturing U.S.A., Inc.
100 Hino Boulevard Marion Arkansas 72364
Office: 870-702-3094
Cell: 901-481-7441
Email: jerrel.moore@hmmusa.com

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

Use of this form is not an ADEQ requirement, but satisfies the reporting requirements in 40 CFR 403.12(e).

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION and NPDES Pretreatment Tracking # ARP001025

<p>A. LEGAL NAME & MAILING ADDRESS</p> <p>Hino Motors Manufacturing 100 Hino Blvd Marion, AR 72364</p>	<p>B. FACILITY & LOCATION ADDRESS</p> <p>Hino Motors Manufacturing 100 Hino Blvd Marion, AR 72364</p>
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C. FACILITY CONTACT: Jerrel Moore **TELEPHONE NUMBER:** 870-702-3094 **e-mail:** jerrel.moore@hmmusa.com

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

<p>A. MONTHS WHICH REPORTS ARE DUE</p> <p align="center">July & December</p>	<p>B. PERIOD COVERED BY THIS REPORT</p> <p>FROM: July 2016 TO: December 2016</p>
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(3) DESCRIPTION OF OPERATION

<p>A. REGULATED PROCESSES</p> <p><u>CORE PROCESS(ES)</u></p> <p>CHECK EACH APPLICABLE BLOCK</p> <p>Electroplating Electroless Plating Anodizing <input checked="" type="checkbox"/> Coating (conversion) Chemical Etching and Milling Printed Circuit Board Manufacture</p> <p><u>ANCILLARY PROCESS(ES)*</u></p> <p>LIST BELOW EACH PROCESS USED IN THE FACILITY</p> <p>N/A _____ _____ _____ _____ _____</p>	<p>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.</p> <p>None</p>
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*SEE 40CFR433.10(a) FOR THE 40 ANCILLARY OPERATIONS

<p>C. Number of Regular Employees at this Facility <u>810</u></p>	<p>D. [Reserved] N/A</p>
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(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge*
Regulated (Core & Ancillary)	480.94		Batch per 8 hours
Regulated (Cyanide)			
' 403.6(e) Unregulated*			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	20 gal per person		Continuous
Total Flow to POTW	16,680.94		Continuous/Batch

*If batch discharged please list the period of time of each batch discharge (300 gallons/day; 500 gallons/week, 2,000 gallons/3 months, etc). Do not normalize over that period for the average flow.
 "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 Filter Press
- 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.

40 CFR 433.17 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	0.119	<0.006	1.84	<0.005	2.58	<0.005	*
Avg Measured**									*

Sample Location Pretreatment Discharge Tank

Sample Type (Grab* or Composite) Grab

*If Grab, list # of grabs over what period of time

Number of Samples and Frequency Collected 7 Samples 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 is the average of all samples taken during one (1) calendar month regardless of number of samples taken. If only one (1) sample is taken it must meet the monthly average limitation.

(6) CERTIFICATION (ONLY IF A TOMP HAS BEEN SUBMITTED/APPROVED BY ADEQ)

B. CHECK ONE: G ' 433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED G ' 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.

(Typed/Printed Name)

(Corporate Officer or authorized representative signature)

Date of Signature _____

(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 including Best or Environmental Management Practices, Source Reduction, Waste Minimization, Lean Manufacturing, Water and/or Energy Conservation:

1. _____
2. _____
3. _____
4. _____
5. _____

(8) GENERAL COMMENTS

(9) SEMI-ANNUAL/PERIODIC REPORT CERTIFICATION STATEMENT REQUIRED UNDER 40 CFR 403.12(l)

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.

Ed Rowlett

NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE



SIGNATURE

Vice President

OFFICIAL TITLE



DATE SIGNED



12/21/2016

Hino Motors Manufacturing USA, Inc.
Mr. Jerrel Moore
100 Hino Blvd
Marion, AR, 72364

Ref: Analytical Testing
Lab Report Number: 16-347-0261
Client Project Description: Semi-annual Testing

Dear Mr. Jerrel Moore:

Waypoint Analytical, Inc. received sample(s) on 12/12/2016 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 (including 40 CFR 136 Method Update Rule May 2012) 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.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

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 #2904	NC #415	Oklahoma #9311	Virginia #00106
Kentucky #90047	Tennessee #TN02027	EPA #TN00012	Kentucky UST #41	





Client: Hino Motors Manufacturing USA, Inc.
Project: Semi-annual Testing
Lab Report Number: 16-347-0261
Date: 12/21/2016

CASE NARRATIVE

Volatile Organic Compounds - GC/MS Method EPA-624

Sample 93031 (Semi-annual Wastewater)

QC Batch No: L315193

The sample was analyzed at a dilution due to the foamy nature of the matrix. Reporting limits have been adjusted accordingly.

10349

Hino Motors Manufacturing USA, Inc.
 Mr. Jerrel Moore
 100 Hino Blvd
 Marion, AR 72364

Project Semi-annual Testing
 Information :

Report Date : 12/21/2016
 Received : 12/12/2016

Report Number : **16-347-0261**

REPORT OF ANALYSIS

Lab No : **93031**

Sample ID : **Semi-annual Wastewater**

Matrix: **Aqueous**
 Sampled: **12/12/2016 13:50**

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	<0.005	mg/L	0.005	1	12/20/16 10:17	EWB	4500CNE-2011
pH	6.2	s.u.		1	12/12/16 13:50	FLD	FIELD ~
Total Cadmium	<0.0020	mg/L	0.0020	1	12/20/16 00:06	JTR	EPA-200.7
Total Chromium	<0.005	mg/L	0.005	1	12/20/16 00:06	JTR	EPA-200.7
Total Copper	0.119	mg/L	0.005	1	12/20/16 00:06	JTR	EPA-200.7
Total Lead	<0.006	mg/L	0.006	1	12/20/16 00:06	JTR	EPA-200.7
Total Nickel	1.84	mg/L	0.005	1	12/20/16 00:06	JTR	EPA-200.7
Total Silver	<0.005	mg/L	0.005	1	12/20/16 00:06	JTR	EPA-200.7
Total Zinc	2.58	mg/L	0.010	1	12/20/16 00:06	JTR	EPA-200.7

Qualifiers/Definitions	DF	Dilution Factor	ML	Method Quantitation Limit
	Q	RPD >40% dual column results		



10349

Hino Motors Manufacturing USA, Inc.
 Mr. Jerrel Moore
 100 Hino Blvd
 Marion, AR 72364

Project Semi-annual Testing
 Information :

Report Date : 12/21/2016
 Received : 12/12/2016

Report Number : **16-347-0261**

REPORT OF ANALYSIS

Lab No : **93031**

Matrix: **Aqueous**

Sample ID : **Semi-annual Wastewater**

Sampled: **12/12/2016 13:50**

Analytical Method: 608

Prep Batch(es): L314617 12/14/16 14:00

Prep Method: EPA-608 (PREP)

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
alpha-BHC	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
beta-BHC	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
delta-BHC	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
Chlordane	<0.200	µg/L	0.200	10	12/14/16 20:22	VIC	L314802
4,4'-DDD	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
4,4'-DDE	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
4,4'-DDT	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
Dieldrin	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
Endosulfan I	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
Endosulfan II	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
Endosulfan Sulfate	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
Endrin	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
Endrin Aldehyde	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
gamma-BHC	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
Heptachlor	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
Heptachlor Epoxide	<0.0400	µg/L	0.0400	10	12/14/16 20:22	VIC	L314802
Toxaphene	<0.300	µg/L	0.300	10	12/14/16 20:22	VIC	L314802
Surrogate: Decachlorobiphenyl	89.4		Limits: 36-116%	10	12/14/16 20:22	VIC	L314802
Surrogate: Tetrachloro-m-xylene	76.9		Limits: 25-123%	10	12/14/16 20:22	VIC	L314802

Qualifiers/ Definitions	DF	Dilution Factor	MQL	Method Quantitation Limit
	Q	RPD >40% dual column results		

10349

Hino Motors Manufacturing USA, Inc.
Mr. Jerrel Moore
100 Hino Blvd
Marion , AR 72364

Project Semi-annual Testing
Information :

Report Date : 12/21/2016
Received : 12/12/2016

Report Number : **16-347-0261**

REPORT OF ANALYSIS

Lab No : **93031**

Matrix: **Aqueous**

Sample ID : **Semi-annual Wastewater**

Sampled: **12/12/2016 13:50**

Analytical Method: 624

Prep Batch(es): L315104 12/16/16 13:45

Prep Method: EPA-624 (PREP)

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<200	µg/L	200	10	12/16/16 21:14	LAT	L315193
Acrylonitrile	<200	µg/L	200	10	12/16/16 21:14	LAT	L315193
Benzene	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
Bromodichloromethane	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
Bromoform	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
Bromomethane	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
Carbon Tetrachloride	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
Chlorobenzene	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
Chlorodibromomethane	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
Chloroethane	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
2-Chloroethylvinyl Ether	<50.0	µg/L	50.0	10	12/16/16 21:14	LAT	L315193
Chloroform	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
Chloromethane	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
1,2-Dichlorobenzene	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
1,3-Dichlorobenzene	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
1,4-Dichlorobenzene	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
1,1-Dichloroethane	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
1,2-Dichloroethane	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
1,1-Dichloroethene	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
cis-1,2-Dichloroethene	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
trans-1,2-Dichloroethene	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
1,2-Dichloroethene (Total)	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193

Qualifiers/ Definitions	DF Q	Dilution Factor RPD >40% dual column results	MQL	Method Quantitation Limit
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10349

Hino Motors Manufacturing USA, Inc.
 Mr. Jerrel Moore
 100 Hino Blvd
 Marion, AR 72364

Project Semi-annual Testing
 Information :

Report Date : 12/21/2016
 Received : 12/12/2016

Report Number : **16-347-0261**

REPORT OF ANALYSIS

Lab No : **93031**

Matrix: **Aqueous**

Sample ID : **Semi-annual Wastewater**

Sampled: **12/12/2016 13:50**

Analytical Method: 624

Prep Batch(es): L315104 12/16/16 13:45

Prep Method: EPA-624 (PREP)

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dichloropropane	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
cis-1,3-Dichloropropene	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
trans-1,3-Dichloropropene	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
1,3-Dichloropropene (Total)	<10.0	µg/L	10.0	10	12/16/16 21:14		L315193
Ethylbenzene	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
Methylene Chloride	<100	µg/L	100	10	12/16/16 21:14	LAT	L315193
1,1,1,2-Tetrachloroethane	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
1,1,2,2-Tetrachloroethane	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
Tetrachloroethene	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
Toluene	<50.0	µg/L	50.0	10	12/16/16 21:14	LAT	L315193
1,1,1-Trichloroethane	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
1,1,2-Trichloroethane	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
Trichloroethene	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
Vinyl Chloride	<10.0	µg/L	10.0	10	12/16/16 21:14	LAT	L315193
Surrogate: 4-Bromofluorobenzene	131		Limits: 71-131%	10	12/16/16 21:14	LAT	L315193
Surrogate: Dibromofluoromethane	102		Limits: 70-128%	10	12/16/16 21:14	LAT	L315193
Surrogate: 1,2-Dichloroethane - d4	112		Limits: 67-136%	10	12/16/16 21:14	LAT	L315193
Surrogate: Toluene-d8	104		Limits: 70-130%	10	12/16/16 21:14	LAT	L315193

Qualifiers/Definitions	DF	Dilution Factor	MQL	Method Quantitation Limit
	Q	RPD >40% dual column results		

10349

Hino Motors Manufacturing USA, Inc.
 Mr. Jerrel Moore
 100 Hino Blvd
 Marion, AR 72364

Project Semi-annual Testing
 Information :

Report Date : 12/21/2016

Received : 12/12/2016

Report Number : 16-347-0261

REPORT OF ANALYSIS

Lab No : 93031

Matrix: Aqueous

Sample ID : Semi-annual Wastewater

Sampled: 12/12/2016 13:50

Analytical Method: 625

Prep Batch(es): L314991 12/16/16 13:00

Prep Method: 625

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
Acenaphthylene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
Anthracene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
Benzidine	<20.0	µg/L	20.0	1	12/19/16 20:14	CGC	L315233
Benzo(a)anthracene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
Benzo(a)pyrene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
Benzo(b)fluoranthene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
Benzo(g,h,i)perylene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
Benzo(k)fluoranthene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
Bis(2-Chloroethoxy)methane	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Bis(2-Chloroethyl)ether	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Bis(2-Chloroisopropyl)ether	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Bis(2-ethylhexyl)phthalate	<10.0	µg/L	10.0	1	12/19/16 20:14	CGC	L315233
4-Bromophenyl phenyl ether	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Butyl benzyl phthalate	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
4-Chloro-3-methylphenol	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
2-Chloronaphthalene	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
2-Chlorophenol	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
4-Chlorophenyl phenyl ether	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Chrysene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
Dibenz(a,h)anthracene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
1,2-Dichlorobenzene	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233

**Qualifiers/
Definitions**

DF Dilution Factor
 Q RPD >40% dual column results

MQL Method Quantitation Limit

10349

Hino Motors Manufacturing USA, Inc.
 Mr. Jerrel Moore
 100 Hino Blvd
 Marion, AR 72364

Project Semi-annual Testing
 Information :

Report Date : 12/21/2016
 Received : 12/12/2016

Report Number : 16-347-0261

REPORT OF ANALYSIS

Lab No : 93031

Matrix: Aqueous

Sample ID : Semi-annual Wastewater

Sampled: 12/12/2016 13:50

Analytical Method: 625

Prep Batch(es): L314991 12/16/16 13:00

Prep Method: 625

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
1,3-Dichlorobenzene	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
1,4-Dichlorobenzene	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
3,3'-Dichlorobenzidine	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
2,4-Dichlorophenol	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Diethyl phthalate	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Dimethyl phthalate	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
2,4-Dimethylphenol	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Di-n-butyl phthalate	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
4,6-Dinitro-2-methylphenol	<10.0	µg/L	10.0	1	12/19/16 20:14	CGC	L315233
2,4-Dinitrophenol	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
2,4-Dinitrotoluene	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
2,6-Dinitrotoluene	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Di-n-Octyl Phthalate	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
1,2-Diphenylhydrazine/Azobenzene	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Fluoranthene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
Fluorene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
Hexachlorobenzene	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Hexachlorobutadiene	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Hexachlorocyclopentadiene	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Hexachloroethane	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Indeno(1,2,3-cd)pyrene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
Isophorone	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233

Qualifiers/Definitions	DF	Dilution Factor	ML	Method Quantitation Limit
	Q	RPD >40% dual column results		

10349

Hino Motors Manufacturing USA, Inc.
Mr. Jerrel Moore
100 Hino Blvd
Marion , AR 72364

Project Semi-annual Testing
Information :

Report Date : 12/21/2016
Received : 12/12/2016

Report Number : **16-347-0261**

REPORT OF ANALYSIS

Lab No : **93031**

Matrix: **Aqueous**

Sample ID : **Semi-annual Wastewater**

Sampled: **12/12/2016 13:50**

Analytical Method: 625

Prep Batch(es): L314991 12/16/16 13:00

Prep Method: 625

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
Naphthalene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
Nitrobenzene	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
2-Nitrophenol	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
4-Nitrophenol	<20.0	µg/L	20.0	1	12/19/16 20:14	CGC	L315233
N-Nitrosodimethylamine	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
N-Nitrosodiphenylamine	<10.0	µg/L	10.0	1	12/19/16 20:14	CGC	L315233
N-Nitroso-di-n-propylamine	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Pentachlorophenol	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Phenanthrene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
Phenol	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Pyrene	<2.00	µg/L	2.00	1	12/19/16 20:14	CGC	L315233
1,2,4-Trichlorobenzene	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233

**Qualifiers/
Definitions**

DF
Q

Dilution Factor
RPD >40% dual column results

ML

Method Quantitation Limit

10349

Hino Motors Manufacturing USA, Inc.
 Mr. Jerrel Moore
 100 Hino Blvd
 Marion, AR 72364

Project Semi-annual Testing
 Information :

Report Date : 12/21/2016
 Received : 12/12/2016

Report Number : 16-347-0261

REPORT OF ANALYSIS

Lab No : 93031

Matrix: Aqueous

Sample ID : Semi-annual Wastewater

Sampled: 12/12/2016 13:50

Analytical Method: 625 **Prep Batch(es):** L314991 12/16/16 13:00

Prep Method: 625

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2,4,6-Trichlorophenol	<5.00	µg/L	5.00	1	12/19/16 20:14	CGC	L315233
Surrogate: 2-Fluorobiphenyl	54.1		Limits: 38-107%	1	12/19/16 20:14	CGC	L315233
Surrogate: 2-Fluorophenol	25.8		Limits: 8-88%	1	12/19/16 20:14	CGC	L315233
Surrogate: Nitrobenzene-d5	58.1		Limits: 29-105%	1	12/19/16 20:14	CGC	L315233
Surrogate: Phenol-d6	19.5		Limits: 7-58%	1	12/19/16 20:14	CGC	L315233
Surrogate: 4-Terphenyl-d14	56.8		Limits: 30-130%	1	12/19/16 20:14	CGC	L315233
Surrogate: 2,4,6-Tribromophenol	65.1		Limits: 16-138%	1	12/19/16 20:14	CGC	L315233
Surrogate: 2-Fluorobiphenyl	61.3		Limits: 38-107%	100	12/16/16 22:53	CGC	L315233
Surrogate: 2-Fluorophenol	30.3		Limits: 8-88%	100	12/16/16 22:53	CGC	L315233
Surrogate: Nitrobenzene-d5	54.7		Limits: 29-105%	100	12/16/16 22:53	CGC	L315233
Surrogate: Phenol-d6	18.6		Limits: 7-58%	100	12/16/16 22:53	CGC	L315233
Surrogate: 4-Terphenyl-d14	73.9		Limits: 30-130%	100	12/16/16 22:53	CGC	L315233
Surrogate: 2,4,6-Tribromophenol	61.4		Limits: 16-138%	100	12/16/16 22:53	CGC	L315233

Analytical Method: 625 Screen **Prep Batch(es):** L315227 12/19/16 10:30

Prep Method: 625

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dioxin (2,3,7,8-TCDD) screen	<1.00	µg/L	1.00	1	12/21/16 16:03	RQE	L315725 ~

Qualifiers/Definitions DF Dilution Factor MQL Method Quantitation Limit
 Q RPD >40% dual column results

10349

Hino Motors Manufacturing USA, Inc.
 Mr. Jerrel Moore
 100 Hino Blvd
 Marion, AR 72364

Project Semi-annual Testing
 Information :

Report Date : 12/21/2016
 Received : 12/12/2016

Report Number : **16-347-0261**

REPORT OF ANALYSIS

Lab No : **93031**

Matrix: **Aqueous**

Sample ID : **Semi-annual Wastewater**

Sampled: **12/12/2016 13:50**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L314615** 12/14/16 14:00
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.200	µg/L	0.200	1	12/14/16 17:57	VIC	L314787
Aroclor 1221	<0.200	µg/L	0.200	1	12/14/16 17:57	VIC	L314787
Aroclor 1232	<0.200	µg/L	0.200	1	12/14/16 17:57	VIC	L314787
Aroclor 1242	<0.200	µg/L	0.200	1	12/14/16 17:57	VIC	L314787
Aroclor 1248	<0.200	µg/L	0.200	1	12/14/16 17:57	VIC	L314787
Aroclor 1254	<0.200	µg/L	0.200	1	12/14/16 17:57	VIC	L314787
Aroclor 1260	<0.200	µg/L	0.200	1	12/14/16 17:57	VIC	L314787
Surrogate: Decachlorobiphenyl	32.3		Limits: 25-125%	1	12/14/16 17:57	VIC	L314787
Surrogate: Tetrachloro-m-xylene	33.6		Limits: 25-125%	1	12/14/16 17:57	VIC	L314787

Qualifiers/Definitions DF Dilution Factor MQL Method Quantitation Limit
 Q RPD >40% dual column results

Cooler Receipt Form

Customer Number: **10349**

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

Report Number: **16-347-0261**

Shipping Method

Fed Ex US Postal Lab Other :
 UPS Client Courier Thermometer ID: #8

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers received	<input type="text" value="1"/>		
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 checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input 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:



Kit ID:	0000073668
Initiated By:	Randy Thomas
Project Comment	

CHAIN-OF-CUS[™]

Hino Motors Manufacturing USA, Inc.
 Semi-annual Testing

16-347-0261
 10349
 12-12-2016
 16:42:58

Company Name Hino Motors Manufacturing USA, Inc.	Company Number 10349	Client Project Manager/Contact Mr. Jerrel Moore	Purchase Order Number
Site Name Semi-annual	Project Number	<input type="checkbox"/> RUSH - Additional charges apply <input type="checkbox"/> Special Detection Limits(s) Date Results Needed	Method of Shipment <input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input type="checkbox"/> Courier <input type="checkbox"/> Client Drop Off Other
LIMS Project ID Hino Motors - Semi-annual Testing	Project Manager Phone #	Project Manager Email jerrel.moore@hmmusa.com	Site/Facility ID #

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
12-12-16	1350	Field pH = 6.2	Aqueous	G	0	NA	NONE	Field pH
		WW Effluent	Aqueous	G	3	Glass Vial Amber - 40ml	HCL - Hydrochloric Acid	624 - TTO - VOC
		WW Effluent	Aqueous	G	3	Glass Amber - Liter	Na2S2O3 - Sodium Thiosulfate	625, 608 - TTO - SVOC, PCB, Pesticides
		WW Effluent	Aqueous	G	1	Glass Amber - Liter	NONE	625 - TTO - Dioxin Screen
		WW Effluent	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	4500CNE - CNT
		WW Effluent	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	200.7 - Cd, Cr, Cu, Pb, Ni, Ag, Zn

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments			
Ice Y/N	Custody Seals Y/N	Lab Comments	<i>J. Evans</i>					
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		
Blank/Cooler Temp 79 1.4°C			Relinquished by: (SIGNATURE)	Date Time 12-12-16 1440	Received by: (SIGNATURE)	Date Time 12-12-16 1440		