Gage, Hannah

From: Johnson, Lindsay
Sent: Tuesday, July 11, 2017 10:44 AM
To: 'Jerrel.Moore@HMMUSA.COM'
Cc: Yates, Adam; Leamons, Bryan; McWilliams, Carrie; Gage, Hannah; 'jshempert.waterdept@yahoo.com'
Subject: AR0021971_Hino Motors ARP001025 June 2017 semi annual Pretreatment report_ 20170711
Attachments: Hino Motors Manufacturing Semi-Annual Report June 2017.pdf

Jerrel,

Hino Motor's 2017 June semi-annual Pretreatment report was received, reviewed and deemed complete and compliant with the reporting requirements in 40 CFR 403.12(e) and the Metal Finishing standards in 40 CFR 433.17.

Thank you for the timely report.

Best,

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

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

A. LEGAL NAME & MAILING ADDRESS
Hino Motors Manufacturing USA
100 Hino Blvd
Marion, AR 72364

B. FACILITY & LOCATION ADDRESS
Hino Motors Manufacturing USA
100 Hino Blvd
Marion, AR 72364

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)

A. MONTHS WHICH REPORTS ARE DUE
July & December

B. PERIOD COVERED BY THIS REPORT
FROM: December 2016 TO: July 2017

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

Electroplating
Electro less Plating
Anodizing
x Coating (conversion)
Chemical Etching and Milling
Printed Circuit Board Manufacture

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

N/A

*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.
None

C. Number of Regular Employees at this Facility 810

D. [Reserved] N/A

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge*
Regulated (Core &)	366.26		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	15,926.26		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

x Neutralization
x Chemical Precipitation and Sedimentation
Chromium Reduction
Cyanide Destruction
x Other Filter Press
None

B. COMMENTS ON TREATMENT SYSTEM
The regulated process waste is not mixed with Sanitary wa
At the 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 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	0.168	<0.006	1.26	<0.005	1.88	<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: X 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: ' 433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED ' 433.12(a) TTO CERTIFICATION PROVIDED

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

Ed Rowlett
SIGNATURE

Vice President
OFFICIAL TITLE

6/30/2017
DATE SIGNED

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

6/26/2017

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

Ref: Analytical Testing
Lab Report Number: 17-170-0259
Client Project Description: Semi-annual Testing

Dear Mr. Jerrel Moore:
Waypoint Analytical, Inc. received sample(s) on 6/19/2017 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,

Randall 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	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		

Waypoint ANALYTICAL

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www.waypointanalytical.com

Client: Hino Motors Manufacturing USA, Inc.
Project: Semi-annual Testing
Lab Report Number: 17-170-0259
Date: 6/26/2017

CASE NARRATIVE

Volatile Organic Compounds - GC/MS Method EPA-624
Sample 98621 (Semi-annual Wastewater)
QC Batch No: L337930
The sample was analyzed at a dilution due to the foamy nature of the matrix. Reporting limits have been adjusted accordingly.

GC/MS Dioxin Screen Method 625 Method EPA-625 (Z DIOXIN SCREEN)
Sample 98621 (Semi-annual Wastewater)
QC Batch No: L338602
Sample requires dilution due to high levels of target and/or non-target analytes.

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10349
Hino Motors Manufacturing USA, Inc.
Mr. Jerrel Moore
100 Hino Blvd
Marion , AR 72364

Project Information : Semi-annual Testing

Report Date : 06/26/2017
Received : 6/19/2017

Report Number : **17-170-0259**

REPORT OF ANALYSIS

Lab No : **98621**
Sample ID : **Semi-annual Wastewater**

Matrix: **Aqueous**
Sampled: **6/19/2017 9:55**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	<0.005	mg/L	0.005	1	06/20/17 12:14	EWB	4500CNE-2011
pH	**5.8**	s.u.		1	06/19/17 09:55	FLD	FIELD ~
Total Cadmium	<0.0020	mg/L	0.0020	1	06/23/17 05:16	BKN	EPA-200.7
Total Chromium	<0.005	mg/L	0.005	1	06/23/17 05:16	BKN	EPA-200.7
Total Copper	**0.168**	mg/L	0.005	1	06/23/17 05:16	BKN	EPA-200.7
Total Lead	<0.006	mg/L	0.006	1	06/23/17 05:16	BKN	EPA-200.7
Total Nickel	**1.26**	mg/L	0.005	1	06/23/17 05:16	BKN	EPA-200.7
Total Silver	<0.005	mg/L	0.005	1	06/23/17 18:15	CCR	EPA-200.7
Total Zinc	**1.88**	mg/L	0.010	1	06/23/17 05:16	BKN	EPA-200.7

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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100 Hino Blvd
Marion , AR 72364

Project Information : Semi-annual Testing

Report Date : 06/26/2017
Received : 6/19/2017

Report Number : **17-170-0259**

REPORT OF ANALYSIS

Lab No : **98621**
Sample ID : **Semi-annual Wastewater**

Matrix: **Aqueous**
Sampled: **6/19/2017 9:55**

Analytical Method: 608 **Prep Batch(es):** **L337854** 06/20/17 15:00
Prep Method: EPA-608 (PREP)

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
alpha-BHC	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
beta-BHC	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
delta-BHC	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
Chlordane	<0.200	µg/L	0.200	10	06/21/17 00:10	VIC	L337985
4,4'-DDD	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
4,4'-DDE	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
4,4'-DDT	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
Dieldrin	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
Endosulfan I	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
Endosulfan II	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
Endosulfan Sulfate	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
Endrin	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
Endrin Aldehyde	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
gamma-BHC	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
Heptachlor	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
Heptachlor Epoxide	<0.0400	µg/L	0.0400	10	06/21/17 00:10	VIC	L337985
Toxaphene	<0.300	µg/L	0.300	10	06/21/17 00:10	VIC	L337985
Surrogate: Decachlorobiphenyl	39.8		Limits: 36-116%	10	06/21/17 00:10	VIC	L337985
Surrogate: Tetrachloro-m-xylene	36.0		Limits: 25-123%	10	06/21/17 00:10	VIC	L337985

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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10349
Hino Motors Manufacturing USA, Inc.
Mr. Jerrel Moore
100 Hino Blvd
Marion , AR 72364

Project Information : Semi-annual Testing

Report Date : 06/26/2017
Received : 6/19/2017

Report Number : **17-170-0259**

REPORT OF ANALYSIS

Lab No : **98621**
Sample ID : **Semi-annual Wastewater**

Matrix: **Aqueous**
Sampled: **6/19/2017 9:55**

Analytical Method: 624 **Prep Batch(es):** **L337926** 06/20/17 09:02
Prep Method: EPA-624 (PREP)

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<200	µg/L	200	10	06/20/17 20:46	LAT	L337930
Acrylonitrile	<200	µg/L	200	10	06/20/17 20:46	LAT	L337930
Benzene	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
Bromodichloromethane	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
Bromoform	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
Bromomethane	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
Carbon Tetrachloride	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
Chlorobenzene	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
Chlorodibromomethane	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
Chloroethane	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
2-Chloroethylvinyl Ether	<50.0	µg/L	50.0	10	06/20/17 20:46	LAT	L337930
Chloroform	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
Chloromethane	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
1,2-Dichlorobenzene	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
1,3-Dichlorobenzene	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
1,4-Dichlorobenzene	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
1,1-Dichloroethane	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
1,2-Dichloroethane	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
1,1-Dichloroethene	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
cis-1,2-Dichloroethene	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
trans-1,2-Dichloroethene	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
1,2-Dichloroethene (Total)	<10.0	µg/L	10.0	10	06/20/17 20:46		L337930

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Project Information : Semi-annual Testing

Report Date : 06/26/2017
Received : 6/19/2017

Report Number : **17-170-0259**

REPORT OF ANALYSIS

Lab No : **98621**
Sample ID : **Semi-annual Wastewater**

Matrix: **Aqueous**
Sampled: **6/19/2017 9:55**

Analytical Method: 624 **Prep Batch(es):** **L337926** 06/20/17 09:02
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	06/20/17 20:46	LAT	L337930
cis-1,3-Dichloropropene	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
trans-1,3-Dichloropropene	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
1,3-Dichloropropene (Total)	<10.0	µg/L	10.0	10	06/20/17 20:46		L337930
Ethylbenzene	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
Methylene Chloride	<100	µg/L	100	10	06/20/17 20:46	LAT	L337930
1,1,1,2-Tetrachloroethane	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
1,1,2,2-Tetrachloroethane	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
Tetrachloroethene	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
Toluene	<50.0	µg/L	50.0	10	06/20/17 20:46	LAT	L337930
1,1,1-Trichloroethane	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
1,1,2-Trichloroethane	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
Trichloroethene	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
Vinyl Chloride	<10.0	µg/L	10.0	10	06/20/17 20:46	LAT	L337930
Surrogate: 4-Bromofluorobenzene	104		Limits: 71-131%	10	06/20/17 20:46	LAT	L337930
Surrogate: Dibromofluoromethane	118		Limits: 70-128%	10	06/20/17 20:46	LAT	L337930
Surrogate: 1,2-Dichloroethane - d4	131		Limits: 67-136%	10	06/20/17 20:46	LAT	L337930
Surrogate: Toluene-d8	127		Limits: 70-130%	10	06/20/17 20:46	LAT	L337930

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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10349
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Project Information : Semi-annual Testing

Report Date : 06/26/2017
Received : 6/19/2017

Report Number : **17-170-0259**

REPORT OF ANALYSIS

Lab No : **98621**
Sample ID : **Semi-annual Wastewater**

Matrix: **Aqueous**
Sampled: **6/19/2017 9:55**

Analytical Method: 625 **Prep Batch(es):** **L338377** 06/23/17 12:00
Prep Method: 625

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
Acenaphthylene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
Anthracene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
Benzidine	<200	µg/L	200	10	06/26/17 12:33	ATF	L338597
Benzo(a)anthracene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
Benzo(a)pyrene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
Benzo(b)fluoranthene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
Benzo(g,h,i)perylene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
Benzo(k)fluoranthene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
Bis(2-Chloroethoxy)methane	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Bis(2-Chloroethyl)ether	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Bis(2-Chloroisopropyl)ether	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Bis(2-ethylhexyl)phthalate	<100	µg/L	100	10	06/26/17 12:33	ATF	L338597
4-Bromophenyl phenyl ether	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Butyl benzyl phthalate	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
4-Chloro-3-methylphenol	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
2-Chloronaphthalene	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
2-Chlorophenol	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
4-Chlorophenyl phenyl ether	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Chrysene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
Dibenz(a,h)anthracene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
1,2-Dichlorobenzene	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Project Information : Semi-annual Testing

Report Date : 06/26/2017
Received : 6/19/2017

Report Number : **17-170-0259**

REPORT OF ANALYSIS

Lab No : **98621**
Sample ID : **Semi-annual Wastewater**

Matrix: **Aqueous**
Sampled: **6/19/2017 9:55**

Analytical Method: 625 **Prep Batch(es):** **L338377** 06/23/17 12:00
Prep Method: 625

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,3-Dichlorobenzene	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
1,4-Dichlorobenzene	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
3,3'-Dichlorobenzidine	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
2,4-Dichlorophenol	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Diethyl phthalate	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Dimethyl phthalate	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
2,4-Dimethylphenol	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Di-n-butyl phthalate	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
4,6-Dinitro-2-methylphenol	<100	µg/L	100	10	06/26/17 12:33	ATF	L338597
2,4-Dinitrophenol	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
2,4-Dinitrotoluene	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
2,6-Dinitrotoluene	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Di-n-Octyl Phthalate	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
1,2-Diphenylhydrazine/Azobenzene	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Fluoranthene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
Fluorene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
Hexachlorobenzene	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Hexachlorobutadiene	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Hexachlorocyclopentadiene	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Hexachloroethane	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Indeno(1,2,3-cd)pyrene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
Isophorone	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

10349
Hino Motors Manufacturing USA, Inc.
Mr. Jerrel Moore
100 Hino Blvd
Marion , AR 72364

Project Information : Semi-annual Testing

Report Date : 06/26/2017
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Matrix: **Aqueous**
Sampled: **6/19/2017 9:55**

Analytical Method: 625 **Prep Batch(es):** **L338377** 06/23/17 12:00
Prep Method: 625

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Naphthalene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
Nitrobenzene	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
2-Nitrophenol	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
4-Nitrophenol	<200	µg/L	200	10	06/26/17 12:33	ATF	L338597
N-Nitrosodimethylamine	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
N-Nitrosodiphenylamine	<100	µg/L	100	10	06/26/17 12:33	ATF	L338597
N-Nitroso-di-n-propylamine	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Pentachlorophenol	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Phenanthrene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
Phenol	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Pyrene	<20.0	µg/L	20.0	10	06/26/17 12:33	ATF	L338597
1,2,4-Trichlorobenzene	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
2,4,6-Trichlorophenol	<50.0	µg/L	50.0	10	06/26/17 12:33	ATF	L338597
Surrogate: 2-Fluorobiphenyl	64.6		Limits: 38-107%	10	06/26/17 12:33		L338597
Surrogate: 2-Fluorophenol	34.9		Limits: 8-88%	10	06/26/17 12:33		L338597
Surrogate: Nitrobenzene-d5	61.7		Limits: 29-105%	10	06/26/17 12:33		L338597
Surrogate: Phenol-d6	21.7		Limits: 7-58%	10	06/26/17 12:33		L338597
Surrogate: 4-Terphenyl-d14	88.5		Limits: 30-130%	10	06/26/17 12:33		L338597
Surrogate: 2,4,6-Tribromophenol	83.1		Limits: 16-138%	10	06/26/17 12:33		L338597

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Project Information : Semi-annual Testing

Report Date : 06/26/2017
Received : 6/19/2017

Report Number : **17-170-0259**

REPORT OF ANALYSIS

Lab No : **98621**
Sample ID : **Semi-annual Wastewater**

Matrix: **Aqueous**
Sampled: **6/19/2017 9:55**

Analytical Method: 625 Screen **Prep Batch(es):** **L338402** 06/23/17 14:00
Prep Method: 625

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch	
Dioxin (2,3,7,8-TCDD) screen	<2.00	µg/L	2.00	10	06/26/17 12:52	ATF	L338602	~

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L337852** 06/20/17 15:00
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.200	µg/L	0.200	1	06/20/17 21:53	VIC	L337989
Aroclor 1221	<0.200	µg/L	0.200	1	06/20/17 21:53	VIC	L337989
Aroclor 1232	<0.200	µg/L	0.200	1	06/20/17 21:53	VIC	L337989
Aroclor 1242	<0.200	µg/L	0.200	1	06/20/17 21:53	VIC	L337989
Aroclor 1248	<0.200	µg/L	0.200	1	06/20/17 21:53	VIC	L337989
Aroclor 1254	<0.200	µg/L	0.200	1	06/20/17 21:53	VIC	L337989
Aroclor 1260	<0.200	µg/L	0.200	1	06/20/17 21:53	VIC	L337989
Surrogate: Decachlorobiphenyl	70.0		Limits: 25-125%	1	06/20/17 21:53	VIC	L337989
Surrogate: Tetrachloro-m-xylene	70.0		Limits: 25-125%	1	06/20/17 21:53	VIC	L337989

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

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Cooler Receipt Form

Customer Number: **10349**
Customer Name: **Hino Motors Manufacturing USA, Inc.**
Report Number: **17-170-0259**

Shipping Method

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

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	1		
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:

Signature: Kristina A. McAdams Date & Time: 06/19/2017 11:56:47

Waypoint ANALYTICAL

Hino Motors Manufacturing USA, Inc.
Semi-annual Testing
17-170-0259
10349
06-19-2017
11:56:35

Kit ID:	0000082501
Initiated By:	Randy Thomas
Project Comment	

CHAIN-OF-CUSTODY

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

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
6.19.17	0955	Field pH = 5.8	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	Custody Seals	Lab Comments					
Y/N	Y/N						
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
T8 2.0°C			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
			Relinquished by: (SIGNATURE)	Date Time 1040 6.19.17	Received by: (SIGNATURE)	Date Time 1040 6.19.17	

1/1