

## Jamie Belcourt (adpce.ad)

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**From:** Jamie Belcourt (adpce.ad)  
**Sent:** Monday, January 30, 2023 1:39 PM  
**To:** 'Yusuke Baba'  
**Cc:** Tim Wofford; Stacie Wassell (adpce.ad)  
**Subject:** RE: Hino Motors - ARP001025 - December 2022 Semiannual Pretreatment Report

Hello,

Thank you for Hino Motors' semiannual pretreatment report submission for December 2022. This report was received, reviewed, and deemed complete with the reporting requirements in 40 C.F.R. § 403.12(e) and more specifically in compliance with the Metal Finishing standards in 40 C.F.R. § 433.17.

However, the OWQ did notice issues with sampling procedures and holding times on the chain of custody and analytical report documentation that was submitted. Specifically, the sample was taken on December 15, 2022 and was received in the laboratory for analysis on the same date. Analysis was not conducted for seven (7) of the analytes (cadmium, chromium, copper, lead, nickel, silver, and zinc) until December 21, 2022, and analysis for cyanide was not conducted until December 28, 2022. This is a period of seven (7) days for the aforementioned seven (7) analytes and 14 days for cyanide, following sample collection. In addition, when the samples were received at the laboratory for analysis they did not contain custody seals on the sample bottles or the shipping container.

In the future, please ensure that a collected sample(s) is/are analyzed as soon as possible. As a reminder, the maximum holding time for cyanide analysis is 14 days.

In addition, please be sure to follow proper sampling procedures and ensure that custody seals are intact. Future instances of noncompliance with the procedures set forth in 40 C.F.R. § 136 may result in enforcement action.

Please reply to this email to let me know that you have received it.

If you have any questions or concerns, or if I can be of any assistance, please do not hesitate to reach out.

Thank you,

**Jamie Belcourt** | State Pretreatment Coordinator  
**Division of Environmental Quality** | **Office of Water Quality**  
**Policy and Administration**  
5301 Northshore Drive | North Little Rock, AR 72118  
t: 501.682.0858 | e: [jamie.belcourt@adeq.state.ar.us](mailto:jamie.belcourt@adeq.state.ar.us)



**ARKANSAS**  
ENERGY & ENVIRONMENT

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**From:** Yusuke Baba [<mailto:yusuke.baba@HMMUSA.COM>]  
**Sent:** Wednesday, January 25, 2023 2:25 PM  
**To:** Pretreatment-Submittals



12/28/2022

Safety-Kleen  
Mr. Thomas Stanfield  
3536 Fite Road  
Millington, TN, 38053

Ref: Analytical Testing  
Lab Report Number: 22-349-0105  
Client Project Description: Hino Semi-annual Testing

Dear Mr. Thomas Stanfield:  
Waypoint Analytical, LLC. received sample(s) on 12/15/2022 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. Where the laboratory was not responsible for the sampling stage (refer to the chain of custody) results apply to the sample as received.

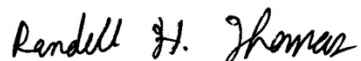
The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) 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.*



## Certification Summary

**Laboratory ID: WP MTN: Waypoint Analytical, LLC., Memphis, TN**

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	02/28/2023
Arkansas	State Program	88-0650	02/07/2023
California	State Program	2904	06/30/2023
Florida	State Program - NELAP	E871157	06/30/2023
Georgia	State Program	C044	02/18/2023
Georgia	State Program	04015	06/30/2023
Illinois	State Program - NELAP	200078	10/10/2023
Kentucky	State Program	80215	06/30/2023
Kentucky	State Program	KY90047	12/31/2022
Louisiana	State Program - NELAP	LA037	12/31/2022
Louisiana	State Program - NELAP	04015	06/30/2023
Mississippi	State Program	MS	02/11/2023
North Carolina	State Program	47701	07/31/2023
North Carolina	State Program	415	12/31/2022
Pennsylvania	State Program - NELAP	68-03195	05/31/2023
South Carolina	State Program	84002	06/30/2023
Tennessee	State Program	02027	02/11/2023
Texas	State Program - NELAP	T104704180	09/30/2022
Virginia	State Program	00106	06/30/2023
Virginia	State Program - NELAP	460181	09/14/2023



**Sample Summary Table**

**Report Number:** 22-349-0105  
**Client Project Description:** Hino Semi-annual Testing

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<b>Lab No</b>	<b>Client Sample ID</b>	<b>Matrix</b>	<b>Date Collected</b>	<b>Date Received</b>
83290	WW Effluent	Aqueous	12/15/2022 11:00	12/15/2022

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Client: Safety-Kleen  
Project: Hino Semi-annual Testing  
Lab Report Number: 22-349-0105  
Date: 12/28/2022

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**CASE NARRATIVE**

**Organochlorine Pesticides Method 608.3**

Sample 83290 (WW Effluent)

Analyte: Decachlorobiphenyl

QC Batch No: L654909/L654728

Surrogate(s) were flagged for recoveries in the associated project sample. During the extraction step, the extraction technician noted that a significant emulsion formed. Batch QC samples (Method Blank and Laboratory Control Samples) all showed surrogate recoveries within QC limits, indicating that the biased recoveries were due to the sample matrix.

**Organochlorine Pesticides and PCBs Method 608.3 (PCB)**

Sample 83290 (WW Effluent)

Analyte: Decachlorobiphenyl

QC Batch No: L654907/L654729

Surrogate(s) were flagged for recoveries in the associated project sample. During the extraction step, the extraction technician noted that a significant emulsion formed. Batch QC samples (Method Blank and Laboratory Control Samples) all showed surrogate recoveries within QC limits, indicating that the biased recoveries were due to the sample matrix.

**GC/MS Dioxin Screen Prep Method 625**

Sample 83290 (WW Effluent)

QC Batch No: L655549/L655549

This sample extract was unable to be concentrated to the default method final volume. The final volume adjustment due to viscous extracts may result in surrogate recoveries below the minimum detectable concentration.

**GC/MS Dioxin Screen Method 625 Method 625 Screen**

Sample 83290 (WW Effluent)

QC Batch No: L655703/L655549

The sample was diluted due to the nature of the sample matrix. Reporting limits have been adjusted accordingly.

**Semivolatile Organic Compounds - GC/MS Method 625.1**

Sample 83290 (WW Effluent)

QC Batch No: L655622/L655509

The sample was diluted due to the nature of the sample matrix. Reporting limits have been adjusted accordingly.

**Extraction and Conc. for 625 Method 625.1**

Sample 83290 (WW Effluent)

QC Batch No: L655509/L655509

This sample extract was unable to be concentrated to the default method final volume. The final volume adjustment due to viscous extracts may result in surrogate recoveries below the minimum detectable concentration.

05140

Safety-Kleen

Mr. Thomas Stanfield

3536 Fite Road

Millington , TN 38053

Project Hino Semi-annual Testing

Information :

Report Date : 12/28/2022

Received : 12/15/2022

Report Number : **22-349-0105**

**REPORT OF ANALYSIS**

Lab No : **83290**

Sample ID : **WW Effluent**

Matrix: **Aqueous**

Sampled: **12/15/2022 11:00**

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	<0.005	mg/L	0.005	1	12/28/22 10:35	FMM	4500CNE-2016
Cadmium	<0.0020	mg/L	0.0020	1	12/21/22 17:40	BKN	EPA-200.7
Chromium	<b>0.0052</b>	mg/L	0.0050	1	12/21/22 17:40	BKN	EPA-200.7
Copper	<b>0.0360</b>	mg/L	0.0050	1	12/21/22 17:40	BKN	EPA-200.7
Lead	<0.0060	mg/L	0.0060	1	12/21/22 17:40	BKN	EPA-200.7
Nickel	<b>0.0836</b>	mg/L	0.0050	1	12/21/22 17:40	BKN	EPA-200.7
Silver	<0.0050	mg/L	0.0050	1	12/21/22 17:40	BKN	EPA-200.7
Zinc	<b>0.216</b>	mg/L	0.0200	1	12/21/22 17:40	BKN	EPA-200.7

**Qualifiers/  
Definitions**

\* Outside QC Limit  
 ML Method Quantitation Limit

DF Dilution Factor

05140

Safety-Kleen

Mr. Thomas Stanfield

3536 Fite Road

Millington , TN 38053

Project Hino Semi-annual Testing

Information :

Report Date : 12/28/2022

Received : 12/15/2022

Report Number : **22-349-0105**

**REPORT OF ANALYSIS**

Lab No : **83290**

Sample ID : **WW Effluent**

Matrix: **Aqueous**

Sampled: **12/15/2022 11:00**

**Analytical Method:** 608.3 **Prep Batch(es):** **L654728** 12/19/22 15:20

**Prep Method:** 608.3

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
alpha-BHC	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
beta-BHC	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
delta-BHC	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
Chlordane	<0.200	µg/L	0.200	10	12/19/22 22:57	VIC	L654909
4,4'-DDD	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
4,4'-DDE	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
4,4'-DDT	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
Dieldrin	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
Endosulfan I	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
Endosulfan II	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
Endosulfan Sulfate	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
Endrin	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
Endrin Aldehyde	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
gamma-BHC	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
Heptachlor	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
Heptachlor Epoxide	<0.0400	µg/L	0.0400	10	12/19/22 22:57	VIC	L654909
Toxaphene	<0.300	µg/L	0.300	10	12/19/22 22:57	VIC	L654909
Surrogate: Decachlorobiphenyl	<b>15.8</b> *		Limits: 34-116%	10	12/19/22 22:57	VIC	L654909
Surrogate: Tetrachloro-m-xylene	33.8		Limits: 25-123%	10	12/19/22 22:57	VIC	L654909

**Qualifiers/  
Definitions**

\* Outside QC Limit  
MQL Method Quantitation Limit

DF Dilution Factor



05140

Safety-Kleen  
 Mr. Thomas Stanfield  
 3536 Fite Road  
 Millington , TN 38053

Project Hino Semi-annual Testing

Information :

Report Date : 12/28/2022  
 Received : 12/15/2022

Report Number : **22-349-0105**

**REPORT OF ANALYSIS**

Lab No : **83290**

Matrix: **Aqueous**

Sample ID : **WW Effluent**

Sampled: **12/15/2022 11:00**

**Analytical Method:** 608.3 (PCB)      **Prep Batch(es):** **L654729** 12/19/22 15:20

**Prep Method:** EPA-608.3 (PCB PREP)

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.200	µg/L	0.200	1	12/19/22 22:43	VIC	L654907
Aroclor 1221	<0.200	µg/L	0.200	1	12/19/22 22:43	VIC	L654907
Aroclor 1232	<0.200	µg/L	0.200	1	12/19/22 22:43	VIC	L654907
Aroclor 1242	<0.200	µg/L	0.200	1	12/19/22 22:43	VIC	L654907
Aroclor 1248	<0.200	µg/L	0.200	1	12/19/22 22:43	VIC	L654907
Aroclor 1254	<0.200	µg/L	0.200	1	12/19/22 22:43	VIC	L654907
Aroclor 1260	<0.200	µg/L	0.200	1	12/19/22 22:43	VIC	L654907
Surrogate: Decachlorobiphenyl	<b>15.8 *</b>		Limits: 25-125%	1	12/19/22 22:43	VIC	608.3 (PCB)
Surrogate: Tetrachloro-m-xylene	27.9		Limits: 25-125%	1	12/19/22 22:43	VIC	608.3 (PCB)

**Analytical Method:** 624.1      **Prep Batch(es):** **L654466** 12/16/22 08:15

**Prep Method:** 624.1

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<20.0	µg/L	20.0	1	12/16/22 13:12	ASH	L654650
Acrylonitrile	<20.0	µg/L	20.0	1	12/16/22 13:12	ASH	L654650
Benzene	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
Bromodichloromethane	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
Bromoform	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
Bromomethane	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
Carbon Tetrachloride	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
Chlorobenzene	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
Chlorodibromomethane	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650

**Qualifiers/Definitions**      \*      Outside QC Limit  
 MQ      Method Quantitation Limit

DF      Dilution Factor

05140

Safety-Kleen

Mr. Thomas Stanfield

3536 Fite Road

Millington , TN 38053

Project Hino Semi-annual Testing

Information :

Report Date : 12/28/2022

Received : 12/15/2022

Report Number : **22-349-0105**

**REPORT OF ANALYSIS**

Lab No : **83290**

Sample ID : **WW Effluent**

Matrix: **Aqueous**

Sampled: **12/15/2022 11:00**

**Analytical Method:** 624.1

**Prep Batch(es):** **L654466** 12/16/22 08:15

**Prep Method:** 624.1

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
Chloroethane	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
2-Chloroethylvinyl Ether	<5.00	µg/L	5.00	1	12/16/22 13:12	ASH	L654650
Chloroform	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
Chloromethane	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
1,2-Dichlorobenzene	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
1,3-Dichlorobenzene	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
1,4-Dichlorobenzene	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
1,1-Dichloroethane	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
1,2-Dichloroethane	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
1,1-Dichloroethene	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
cis-1,2-Dichloroethene	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
trans-1,2-Dichloroethene	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
1,2-Dichloroethene (Total)	<1.00	µg/L	1.00	1	12/16/22 13:12		L654650
1,2-Dichloropropane	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
cis-1,3-Dichloropropene	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
trans-1,3-Dichloropropene	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
1,3-Dichloropropene (Total)	<1.00	µg/L	1.00	1	12/16/22 13:12		L654650
Ethylbenzene	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
Methylene Chloride	<10.0	µg/L	10.0	1	12/16/22 13:12	ASH	L654650
1,1,1,2-Tetrachloroethane	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
1,1,2,2-Tetrachloroethane	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
Tetrachloroethene	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650

**Qualifiers/  
Definitions**

\* Outside QC Limit  
 MQL Method Quantitation Limit

DF Dilution Factor

05140  
 Safety-Kleen  
 Mr. Thomas Stanfield  
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Project Hino Semi-annual Testing  
 Information :

Report Date : 12/28/2022  
 Received : 12/15/2022

Report Number : **22-349-0105**

**REPORT OF ANALYSIS**

Lab No : **83290**  
 Sample ID : **WW Effluent**

Matrix: **Aqueous**  
 Sampled: **12/15/2022 11:00**

**Analytical Method:** 624.1                      **Prep Batch(es):** **L654466** 12/16/22 08:15  
**Prep Method:** 624.1

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Toluene	<5.00	µg/L	5.00	1	12/16/22 13:12	ASH	L654650
1,1,1-Trichloroethane	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
1,1,2-Trichloroethane	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
Trichloroethane	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
Vinyl Chloride	<1.00	µg/L	1.00	1	12/16/22 13:12	ASH	L654650
Surrogate: 4-Bromofluorobenzene	98.2		Limits: 71-131%	1	12/16/22 13:12	ASH	L654650
Surrogate: Dibromofluoromethane	93.2		Limits: 70-128%	1	12/16/22 13:12	ASH	L654650
Surrogate: 1,2-Dichloroethane - d4	95.6		Limits: 67-136%	1	12/16/22 13:12	ASH	L654650
Surrogate: Toluene-d8	88.8		Limits: 70-130%	1	12/16/22 13:12	ASH	L654650

**Analytical Method:** 625 Screen                      **Prep Batch(es):** **L655549** 12/22/22 16:55  
**Prep Method:** 625

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dioxin (2,3,7,8-TCDD) screen	<125	µg/L	125	5	12/25/22 03:28	VBW	L655703

**Analytical Method:** 625.1                      **Prep Batch(es):** **L655509** 12/22/22 14:50  
**Prep Method:** 625.1

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622
Acenaphthylene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622
Anthracene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622

**Qualifiers/Definitions**    \*    Outside QC Limit                      DF    Dilution Factor  
 MQL    Method Quantitation Limit

05140

Safety-Kleen  
Mr. Thomas Stanfield  
3536 Fite Road  
Millington , TN 38053

Project Hino Semi-annual Testing

Information :

Report Date : 12/28/2022  
Received : 12/15/2022

Report Number : **22-349-0105**

**REPORT OF ANALYSIS**

Lab No : **83290**

Matrix: **Aqueous**

Sample ID : **WW Effluent**

Sampled: **12/15/2022 11:00**

**Analytical Method:** 625.1                      **Prep Batch(es):** **L655509** 12/22/22 14:50  
**Prep Method:** 625.1

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzidine	<1000	µg/L	1000	5	12/25/22 02:53	VBW	L655622
Benzo(a)anthracene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622
Benzo(a)pyrene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622
Benzo(b)fluoranthene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622
Benzo(g,h,i)perylene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622
Benzo(k)fluoranthene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622
Bis(2-Chloroethoxy)methane	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Bis(2-Chloroethyl)ether	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Bis(2-Chloroisopropyl)ether	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Bis(2-ethylhexyl)phthalate	<500	µg/L	500	5	12/25/22 02:53	VBW	L655622
4-Bromophenyl phenyl ether	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Butyl benzyl phthalate	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
4-Chloro-3-methylphenol	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
2-Chloronaphthalene	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
2-Chlorophenol	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
4-Chlorophenyl phenyl ether	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Chrysene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622
Dibenz(a,h)anthracene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622
1,2-Dichlorobenzene	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
1,3-Dichlorobenzene	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
1,4-Dichlorobenzene	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
3,3'-Dichlorobenzidine	<500	µg/L	500	5	12/25/22 02:53	VBW	L655622

**Qualifiers/** \* Outside QC Limit                      DF Dilution Factor  
**Definitions**      MQL Method Quantitation Limit

05140

Safety-Kleen

Mr. Thomas Stanfield

3536 Fite Road

Millington , TN 38053

Project Hino Semi-annual Testing

Information :

Report Date : 12/28/2022

Received : 12/15/2022

Report Number : **22-349-0105**

**REPORT OF ANALYSIS**

Lab No : **83290**

Sample ID : **WW Effluent**

Matrix: **Aqueous**

Sampled: **12/15/2022 11:00**

**Analytical Method:** 625.1

**Prep Batch(es):** **L655509** 12/22/22 14:50

**Prep Method:** 625.1

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
2,4-Dichlorophenol	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Diethyl phthalate	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Dimethyl phthalate	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
2,4-Dimethylphenol	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Di-n-butyl phthalate	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
4,6-Dinitro-2-methylphenol	<500	µg/L	500	5	12/25/22 02:53	VBW	L655622
2,4-Dinitrophenol	<1000	µg/L	1000	5	12/25/22 02:53	VBW	L655622
2,4-Dinitrotoluene	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
2,6-Dinitrotoluene	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Di-n-Octyl Phthalate	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
1,2-Diphenylhydrazine/Azobenzene	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Fluoranthene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622
Fluorene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622
Hexachlorobenzene	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Hexachlorobutadiene	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Hexachlorocyclopentadiene	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Hexachloroethane	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Indeno(1,2,3-cd)pyrene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622
Isophorone	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Naphthalene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622
Nitrobenzene	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
2-Nitrophenol	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622

**Qualifiers/  
Definitions**

\* Outside QC Limit  
 \* Method Quantitation Limit

DF Dilution Factor

05140  
 Safety-Kleen  
 Mr. Thomas Stanfield  
 3536 Fite Road  
 Millington , TN 38053

Project Hino Semi-annual Testing  
 Information :

Report Date : 12/28/2022  
 Received : 12/15/2022

Report Number : **22-349-0105**

**REPORT OF ANALYSIS**

Lab No : **83290**  
 Sample ID : **WW Effluent**

Matrix: **Aqueous**  
 Sampled: **12/15/2022 11:00**

**Analytical Method:** 625.1                      **Prep Batch(es):** L655509 12/22/22 14:50  
**Prep Method:** 625.1

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
4-Nitrophenol	<500	µg/L	500	5	12/25/22 02:53	VBW	L655622
N-Nitrosodimethylamine	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
N-Nitrosodiphenylamine	<500	µg/L	500	5	12/25/22 02:53	VBW	L655622
N-Nitroso-di-n-propylamine	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Pentachlorophenol	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Phenanthrene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622
Phenol	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Pyrene	<100	µg/L	100	5	12/25/22 02:53	VBW	L655622
1,2,4-Trichlorobenzene	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
2,4,6-Trichlorophenol	<250	µg/L	250	5	12/25/22 02:53	VBW	L655622
Surrogate: 2-Fluorobiphenyl	73.3		Limits: 30-107%	5	12/25/22 02:53	VBW	L655622
Surrogate: 2-Fluorophenol	18.1		Limits: 8-88%	5	12/25/22 02:53	VBW	L655622
Surrogate: Nitrobenzene-d5	65.0		Limits: 29-105%	5	12/25/22 02:53	VBW	L655622
Surrogate: Phenol-d6	38.2		Limits: 7-58%	5	12/25/22 02:53	VBW	L655622
Surrogate: 4-Terphenyl-d14	94.5		Limits: 30-130%	5	12/25/22 02:53	VBW	L655622
Surrogate: 2,4,6-Tribromophenol	69.7		Limits: 16-138%	5	12/25/22 02:53	VBW	L655622

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<b>Qualifiers/</b>	*	Outside QC Limit	DF	Dilution Factor
<b>Definitions</b>	ML	Method Quantitation Limit		

**Shipment Receipt Form**

Customer Number: **05140**

Customer Name: **Safety-Kleen**

Report Number: **22-349-0105**

**Shipping Method**

<input type="radio"/> Fed Ex	<input type="radio"/> US Postal	<input type="radio"/> Lab	<input type="radio"/> Other :	<input type="text"/>
<input type="radio"/> UPS	<input checked="" type="radio"/> Client	<input type="radio"/> Courier	Thermometer ID:	<input type="text" value="T99"/>

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers/boxes 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 Present
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Present
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:

Signature:

Date & Time:



Kit ID:	198417
Initiated By:	Randy Thomas
Initiated Date:	12/13/2022
Project Comment	

**CHAIN-OF-CUST**

22-349-0105  
 05140  
 12-15-2022  
 12:40:01  
 Safety-Kleen  
 Hino Semi-annual Testing

Company Name Safety-Kleen	Company Number 05140	Client Project Manager/Contact Safety-Kleen	Purchase Order Number <i>0000646584</i>
Site Name <i>Hino Mfg.</i> 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 checked="" type="checkbox"/> Client Drop Off Other
LIMS Project ID Safety-Kleen - Hino Semi-annual Testing	Project Manager Phone # <i>901-208-4347</i>	Project Manager Email thomas.stanfield@safety-kleen.com	Site/Facility ID #

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
12/15/2022	11:00 AM	Field pH = <i>8.8</i>	Aqueous	G	0	NA	NONE	Field pH
12/15/2022	11:00 AM	WW Effluent	Aqueous	G	3	Glass Vial Amber - 40ml	NONE	624 - TTO- VOC
12/15/2022	11:00 AM	WW Effluent	Aqueous	G	3	Glass Amber - Liter	Na2S2O3 - Sodium Thiosulfate	625, 608 - TTO- SVOC, PCB, Pesticides
12/15/2022	11:00 AM	WW Effluent	Aqueous	G	1	Glass Amber - Liter	NONE	625 - TTO - Dioxin Screen
12/15/2022	11:00 AM	WW Effluent	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	4500CNE - CNT
12/15/2022	11:00 AM	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>Thomas Stanfield</i>				
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
			<i>[Signature]</i>	<i>12/15/22</i>	<i>[Signature]</i>	<i>12/15/2022</i>	
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
		<i>[Signature]</i>	<i>12/15/22</i>	<i>[Signature]</i>	<i>12/15/2022</i>		
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
<i>3-3 TOP</i>	<i>Set 1</i>		<i>[Signature]</i>		<i>[Signature]</i>	<i>12/15/22</i>	
					<i>Summer Hanson</i>	<i>12:07</i>	



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 # ARP00

<p><b>A. LEGAL NAME &amp; MAILING ADDRESS</b></p> <p>Hino motors manufacturing 100 Hino Blvd Marion, AR 72364</p>	<p><b>B. FACILITY &amp; LOCATION ADDRESS</b></p> <p style="text-align: center;">Same</p>
<p><b>C. FACILITY CONTACT: Yusuke Baba</b>      <b>TELEPHONE NUMBER: 248-466-1475</b>      <b>E-MAIL: Yusuke.baba@hmmusa.com</b></p>	

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

<p><b>A. MONTHS WHICH REPORTS ARE DUE</b></p> <p style="text-align: center;"><u>June</u>      &amp;      <u>Dec</u></p>	<p><b>B. PERIOD COVERED BY THIS REPORT</b></p> <p><b>FROM: 7/2022      TO: 12/2022</b></p>
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(3) DESCRIPTION OF OPERATION

<p><b>A. REGULATED PROCESSES</b></p> <p><u><b>CORE PROCESS(ES)</b></u></p> <p>CHECK EACH APPLICABLE BLOCK</p> <p><b>G Electroplating</b></p> <p><b>G Electroless Plating</b></p> <p><b>G Anodizing</b></p> <p><b>G Coating (conversion)</b></p> <p><b>G Chemical Etching and Milling</b></p> <p><b>G Printed Circuit Board Manufacture</b></p> <p><u><b>ANCILLARY PROCESS(ES)*</b></u></p> <p>LIST BELOW EACH PROCESS USED IN THE FACILITY</p> <p>_____</p> <p style="text-align: center;">n/a</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p><b>B. CHANGES:</b>      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 style="text-align: center; font-size: 1.2em;">No change since last report</p>
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\*SEE 40CFR433.10(a) FOR THE 40 ANCILLARY OPERATIONS

**C. Number of Regular Employees at this Facility**      1322

**D. [Reserved]**

**(4) FLOW MEASUREMENT**

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

Process	Average	Maximum	Type of Discharge*
Regulated (Core & Cyanide)	9000		month
'403.6(e) Unregulated*			
'403.6(e) Dilute			
Cooling Water			
Sanitary	20gal per person		continuous
<b>Total Flow to POTW</b>	<b>35440</b>		<b>continuous</b>

\*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

B. COMMENTS ON TREATMENT SYSTEM

Process waste is not mixed with sanitary waste 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	0.0052	0.036	0.006	0.0836	.005	0.216	.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 1 Sample taken semiannual

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

40 CFR 433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: Hino

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 Conservaton:**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

40 CFR 433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: Hino

(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.

GARETH JOLLY

NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE



SIGNATURE

SNR VICE PRESIDENT, PLANT MANAGER

OFFICIAL TITLE

1/25/23

DATE SIGNED