

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, Inc.
100 Hino Blvd
Marion, AR 72364

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

C. FACILITY CONTACT: Jeffrey Grill TELEPHONE NUMBER: 870-702-2619 e-mail: jeffrey.grill@HMMUSA.COM

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

A. MONTHS WHICH REPORTS ARE DUE

June & December

B. PERIOD COVERED BY THIS REPORT

FROM: January 2020 TO: June 2020

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

- Electroplating**
- Electroless Plating**
- Anodizing**
- 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.

No changes since last report.

C. Number of Regular Employees at this Facility 850

D. [Reserved]

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge*
Regulated (Core & Ancillary)	5,160.00		Month
Regulated (Cyanide)			
' 403.6(e) Unregulated*			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	20 gal per person		Continuous
Total Flow to POTW	22,160.00		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

The regulated 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	0.0251	0.0120	<0.006	0.0238	<0.005	0.0608	<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 1 sample taken semi-annual

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

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

**A value here 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 Conservaton:

1. **The Pollution Prevention Project to install an Oil and Water Separator (discussed in our June 2019 submission) has been completed and is fully operational.**

- 2. _____
- 3. _____
- 4. _____
- 5. _____

(8) GENERAL COMMENTS

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

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.

Harold Johnson
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE


SIGNATURE

Senior Vice President/Plant Manager
OFFICIAL TITLE

6/25/2020
DATE SIGNED

6/19/2020

Safety-Kleen
Mr. Tim Vandegriff
3536 Fite Road
Millington, TN, 38053

Ref: Analytical Testing
Lab Report Number: 20-162-0221
Client Project Description: Hino Semi-annual Testing
Project # HI18677

Dear Mr. Tim Vandegriff:
Waypoint Analytical, LLC. received sample(s) on 6/10/2020 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 August 2017) 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.





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Certification Summary

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

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	02/28/2021
Arizona	State Program	AZ0816	08/30/2020
Arkansas	State Program	88-0650	02/07/2021
California	State Program	2904	05/10/2020
Georgia	State Program	C044	02/18/2023
Georgia	State Program	04015	06/30/2020
Illinois	State Program - NELAP	200078	10/10/2020
Kentucky	State Program	80215	06/30/2020
Kentucky	State Program	KY90047	12/31/2020
Louisiana	State Program - NELAP	04015	06/30/2020
Mississippi	State Program	MS	05/10/2020
North Carolina	State Program	415	12/31/2020
Oklahoma	State Program	9311	08/31/2020
Pennsylvania	State Program - NELAP	68-03195	05/31/2021
South Carolina	State Program	84002	05/10/2020
South Carolina	State Program	84002	06/30/2020
Tennessee	State Program	02027	02/11/2023
Tennessee	A2LA ISO 17025:2017	4313.01	10/31/2021
Texas	State Program - NELAP	T104704180	09/30/2020
Virginia	State Program	00106	06/30/2020
Virginia	State Program - NELAP	460181	09/14/2020
Washington	State Program	C1018	07/31/2020



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Sample Summary Table

Report Number: 20-162-0221
Client Project Description: Hino Semi-annual Testing
Project # HI18677

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
92089	WW Effluent	Aqueous	06/10/2020 12:25	06/10/2020

Client: Safety-Kleen
Project: Hino Semi-annual Testing
Lab Report Number: 20-162-0221
Date: 6/18/2020

CASE NARRATIVE

Organochlorine Pesticides Method 608.3

Sample 92089 (WW Effluent)

Analyte: Decachlorobiphenyl

QC Batch No: L497084/L496870

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)

QC Batch No: L497086

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.

Volatile Organic Compounds - GC/MS Method 624.1

QC Batch No: L496073/L496046

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

Semivolatile Organic Compounds - GC/MS Method 625.1

QC Batch No: L497053/L496817

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.

Extraction and Conc. for 625 Method 625.1

QC Batch No: L496817/L496817

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.



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 Safety-Kleen
 Mr. Tim Vandegriff
 3536 Fite Road
 Millington , TN 38053

Project Hino Semi-annual Testing
 Information : Project # HI18677

Report Date : 06/19/2020
 Received : 06/10/2020

Report Number : 20-162-0221

REPORT OF ANALYSIS

Lab No : 92089
 Sample ID : WW Effluent

Matrix: Aqueous
 Sampled: 6/10/2020 12:25

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	<0.005	mg/L	0.005	1	06/18/20 11:02	FMM	4500CNE-2011
Cadmium	<0.0020	mg/L	0.0020	1	06/12/20 20:40	JTR	EPA-200.7
Chromium	0.0251	mg/L	0.0050	1	06/12/20 20:40	JTR	EPA-200.7
Copper	0.0120	mg/L	0.0050	1	06/12/20 20:40	JTR	EPA-200.7
Lead	<0.0060	mg/L	0.0060	1	06/12/20 20:40	JTR	EPA-200.7
Nickel	0.0238	mg/L	0.0050	1	06/12/20 20:40	JTR	EPA-200.7
Silver	<0.0050	mg/L	0.0050	1	06/12/20 20:40	JTR	EPA-200.7
Zinc	0.0608	mg/L	0.0200	1	06/12/20 20:40	JTR	EPA-200.7

Qualifiers/ Definitions	*	Outside QC Limit	DF	Dilution Factor
	L	Limit Exceeded	MQL	Method Quantitation Limit
	Q	RPD >40% dual column results		



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Project Hino Semi-annual Testing
 Information : Project # HI18677

Report Date : 06/19/2020
 Received : 06/10/2020

Report Number : 20-162-0221

REPORT OF ANALYSIS

Lab No : 92089
 Sample ID : WW Effluent

Matrix: Aqueous
 Sampled: 6/10/2020 12:25

Analytical Method: 608.3 Prep Batch(es): L496870 06/17/20 15:00
 Prep Method: EPA-608.3 (PREP)

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
alpha-BHC	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
beta-BHC	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
delta-BHC	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
Chlordane	<0.200	µg/L	0.200	10	06/18/20 08:57	VIC	L497084
4,4'-DDD	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
4,4'-DDE	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
4,4'-DDT	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
Dieldrin	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
Endosulfan I	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
Endosulfan II	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
Endosulfan Sulfate	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
Endrin	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
Endrin Aldehyde	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
gamma-BHC	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
Heptachlor	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
Heptachlor Epoxide	<0.0400	µg/L	0.0400	10	06/18/20 08:57	VIC	L497084
Toxaphene	<0.300	µg/L	0.300	10	06/18/20 08:57	VIC	L497084
Surrogate: Decachlorobiphenyl	4.80 *		Limits: 36-116%	10	06/18/20 08:57	VIC	L497084
Surrogate: Tetrachloro-m-xylene	13.4 *		Limits: 25-123%	10	06/18/20 08:57	VIC	L497084

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



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Project Hino Semi-annual Testing
 Information : Project # HI18677

Report Date : 06/19/2020
 Received : 06/10/2020

Report Number : **20-162-0221**

REPORT OF ANALYSIS

Lab No : **92089**
 Sample ID : **WW Effluent**

Matrix: **Aqueous**
 Sampled: **6/10/2020 12:25**

Analytical Method: 608.3 (PCB) **Prep Batch(es):** **L496871** 06/17/20 15:00
Prep Method: EPA-608.3 (PCB PREP)

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.200	µg/L	0.200	1	06/17/20 22:35	VIC	L497086
Aroclor 1221	<0.200	µg/L	0.200	1	06/17/20 22:35	VIC	L497086
Aroclor 1232	<0.200	µg/L	0.200	1	06/17/20 22:35	VIC	L497086
Aroclor 1242	<0.200	µg/L	0.200	1	06/17/20 22:35	VIC	L497086
Aroclor 1248	<0.200	µg/L	0.200	1	06/17/20 22:35	VIC	L497086
Aroclor 1254	<0.200	µg/L	0.200	1	06/17/20 22:35	VIC	L497086
Aroclor 1260	<0.200	µg/L	0.200	1	06/17/20 22:35	VIC	L497086
Surrogate: Decachlorobiphenyl	8.04 *		Limits: 25-125%	1	06/17/20 22:35	VIC	L497086
Surrogate: Tetrachloro-m-xylene	14.5 *		Limits: 25-125%	1	06/17/20 22:35	VIC	L497086

Analytical Method: 624.1 **Prep Batch(es):** **L496046** 06/11/20 08:31
Prep Method: EPA-624.1 (PREP)

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<200	µg/L	200	10	06/11/20 16:13	ASH	L496073
Acrylonitrile	<200	µg/L	200	10	06/11/20 16:13	ASH	L496073
Benzene	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
Bromodichloromethane	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
Bromoform	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
Bromomethane	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
Carbon Tetrachloride	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
Chlorobenzene	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
Chlorodibromomethane	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073

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

05140

Safety-Kleen
Mr. Tim Vandegriff
3536 Fite Road
Millington , TN 38053

Project Hino Semi-annual Testing

Information : Project # HI18677

Report Date : 06/19/2020
Received : 06/10/2020

Report Number : 20-162-0221

REPORT OF ANALYSIS

Lab No : 92089
Sample ID : WW Effluent

Matrix: Aqueous
Sampled: 6/10/2020 12:25

Analytical Method: 624.1 Prep Batch(es): L496046 06/11/20 08:31
Prep Method: EPA-624.1 (PREP)

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Chloroethane	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
2-Chloroethylvinyl Ether	<50.0	µg/L	50.0	10	06/11/20 16:13	ASH	L496073
Chloroform	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
Chloromethane	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
1,2-Dichlorobenzene	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
1,3-Dichlorobenzene	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
1,4-Dichlorobenzene	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
1,1-Dichloroethane	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
1,2-Dichloroethane	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
1,1-Dichloroethene	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
cis-1,2-Dichloroethene	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
trans-1,2-Dichloroethene	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
1,2-Dichloroethene (Total)	<10.0	µg/L	10.0	10	06/11/20 16:13		L496073
1,2-Dichloropropane	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
cis-1,3-Dichloropropene	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
trans-1,3-Dichloropropene	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
1,3-Dichloropropene (Total)	<10.0	µg/L	10.0	10	06/11/20 16:13		L496073
Ethylbenzene	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
Methylene Chloride	<100	µg/L	100	10	06/11/20 16:13	ASH	L496073
1,1,1,2-Tetrachloroethane	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
1,1,1,2-Tetrachloroethane	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
Tetrachloroethene	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073

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



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Project Hino Semi-annual Testing
 Information : Project # HI18677

Report Date : 06/19/2020
 Received : 06/10/2020

Report Number : 20-162-0221

REPORT OF ANALYSIS

Lab No : 92089
 Sample ID : WW Effluent

Matrix: Aqueous
 Sampled: 6/10/2020 12:25

Analytical Method: 624.1 **Prep Batch(es):** L496046 06/11/20 08:31
Prep Method: EPA-624.1 (PREP)

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Toluene	<50.0	µg/L	50.0	10	06/11/20 16:13	ASH	L496073
1,1,1-Trichloroethane	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
1,1,2-Trichloroethane	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
Trichloroethene	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
Vinyl Chloride	<10.0	µg/L	10.0	10	06/11/20 16:13	ASH	L496073
Surrogate: 4-Bromofluorobenzene	105		Limits: 71-131%	10	06/11/20 16:13	ASH	L496073
Surrogate: Dibromofluoromethane	103		Limits: 70-128%	10	06/11/20 16:13	ASH	L496073
Surrogate: 1,2-Dichloroethane - d4	105		Limits: 67-136%	10	06/11/20 16:13	ASH	L496073
Surrogate: Toluene-d8	110		Limits: 70-130%	10	06/11/20 16:13	ASH	L496073

Analytical Method: 625 Screen **Prep Batch(es):** L495937 06/11/20 15:00
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	06/11/20 21:28	MLR	L496057 ~

Analytical Method: 625.1 **Prep Batch(es):** L496817 06/17/20 12:00
Prep Method: 625.1

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053
Acenaphthylene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053
Anthracene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053

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



2790 Whitten Road, Memphis, TN 38133
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05140
 Safety-Kleen
 Mr. Tim Vandegriff
 3536 Fite Road
 Millington , TN 38053

Project Hino Semi-annual Testing
 Information : Project # HI18677

Report Date : 06/19/2020
 Received : 06/10/2020

Report Number : 20-162-0221

REPORT OF ANALYSIS

Lab No : 92089
 Sample ID : WW Effluent

Matrix: Aqueous
 Sampled: 6/10/2020 12:25

Analytical Method: 625.1 Prep Batch(es): L496817 06/17/20 12:00
 Prep Method: 625.1

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzidine	<200	µg/L	200	1	06/17/20 21:32	DCM	L497053
Benzo(a)anthracene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053
Benzo(a)pyrene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053
Benzo(b)fluoranthene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053
Benzo(g,h,i)perylene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053
Benzo(k)fluoranthene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053
Bis(2-Chloroethoxy)methane	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Bis(2-Chloroethyl)ether	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Bis(2-Chloroisopropyl)ether	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Bis(2-ethylhexyl)phthalate	<100	µg/L	100	1	06/17/20 21:32	DCM	L497053
4-Bromophenyl phenyl ether	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Butyl benzyl phthalate	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
4-Chloro-3-methylphenol	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
2-Chloronaphthalene	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
2-Chlorophenol	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
4-Chlorophenyl phenyl ether	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Chrysene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053
Dibenz(a,h)anthracene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053
1,2-Dichlorobenzene	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
1,3-Dichlorobenzene	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
1,4-Dichlorobenzene	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
3,3'-Dichlorobenzidine	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053

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



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Lab No : 92089
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Matrix: Aqueous
 Sampled: 6/10/2020 12:25

Analytical Method: 625.1 Prep Batch(es): L496817 06/17/20 12:00
 Prep Method: 625.1

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
2,4-Dichlorophenol	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Diethyl phthalate	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Dimethyl phthalate	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
2,4-Dimethylphenol	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Di-n-butyl phthalate	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
4,6-Dinitro-2-methylphenol	<100	µg/L	100	1	06/17/20 21:32	DCM	L497053
2,4-Dinitrophenol	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
2,4-Dinitrotoluene	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
2,6-Dinitrotoluene	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Di-n-Octyl Phthalate	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
1,2-Diphenylhydrazine/Azobenzene	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Fluoranthene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053
Fluorene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053
Hexachlorobenzene	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Hexachlorobutadiene	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Hexachlorocyclopentadiene	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Hexachloroethane	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Indeno(1,2,3-cd)pyrene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053
Isophorone	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Naphthalene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053
Nitrobenzene	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
2-Nitrophenol	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053

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



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REPORT OF ANALYSIS

Lab No : 92089
 Sample ID : WW Effluent

Matrix: Aqueous
 Sampled: 6/10/2020 12:25

Analytical Method: 625.1 Prep Batch(es): L496817 06/17/20 12:00
 Prep Method: 625.1

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
4-Nitrophenol	<100	µg/L	100	1	06/17/20 21:32	DCM	L497053
N-Nitrosodimethylamine	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
N-Nitrosodiphenylamine	<100	µg/L	100	1	06/17/20 21:32	DCM	L497053
N-Nitroso-di-n-propylamine	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Pentachlorophenol	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Phenanthrene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053
Phenol	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Pyrene	<20.0	µg/L	20.0	1	06/17/20 21:32	DCM	L497053
1,2,4-Trichlorobenzene	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
2,4,6-Trichlorophenol	<50.0	µg/L	50.0	1	06/17/20 21:32	DCM	L497053
Surrogate: 2-Fluorobiphenyl	12.4 *		Limits: 30-107%	1	06/17/20 21:32	DCM	L497053
Surrogate: 2-Fluorophenol	7.09 *		Limits: 8-88%	1	06/17/20 21:32	DCM	L497053
Surrogate: Nitrobenzene-d5	11.9 *		Limits: 29-105%	1	06/17/20 21:32	DCM	L497053
Surrogate: Phenol-d6	5.44 *		Limits: 7-58%	1	06/17/20 21:32	DCM	L497053
Surrogate: 4-Terphenyl-d14	17.9 *		Limits: 30-130%	1	06/17/20 21:32	DCM	L497053
Surrogate: 2,4,6-Tribromophenol	50.2		Limits: 16-138%	1	06/17/20 21:32	DCM	L497053

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

Shipment Receipt Form

Customer Number: **05140**
Customer Name: **Safety-Kleen**
Report Number: **20-162-0221**

Shipping Method

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

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:	139213
Initiated By:	Randy Thomas
Initiated Date:	6/8/2020
Project Comment	

CHAIN-OF-CUSTODY



20-162-0221
05140
06-10-2020
16:03:12

Safety-Kleen
Hino Semi-annual Testing

Company Name Safety-Kleen	Company Number 05140	Client Project Manager/Contact Safety-Kleen	Purchase Order Number 0000491082
Site Name Hino Semi-annual	Project Number HI18677	<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 Safety-Kleen - Hino Semi-annual Testing	Project Manager Phone # 901-355-4908	Project Manager Email Tim.Vandegriff@safety-kleen.com	Site/Facility ID # MIL

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
6-10	12:25	Field pH =	Aqueous	G	0	NA	NONE	Field pH
6-10	12:25	WW Effluent	Aqueous	G	3	Glass Vial Amber - 40ml	HCL - Hydrochloric Acid	624 - TTO - VOC
6-10	12:25	WW Effluent	Aqueous	G	3	Glass Amber - Liter	Na2S2O3 - Sodium Thiosulfate	625, 608 - TTO - SVOC, PCB, Pesticides
6-10	12:25	WW Effluent	Aqueous	G	1	Glass Amber - Liter	NONE	625 - TTO - Dioxin Screen
6-10	12:25	WW Effluent	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	4500CNE - CNT
6-10	12:25	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	Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)		Date	Time
Y/N	Y/N		Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)		Date	Time
Blank/Cooler Temp			Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)		Date	Time
3.1 844 T100			Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)		Date	Time

13:50