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: July 2020 TO: December 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 1060

D. [Reserved]

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge*
Regulated (Core &	2,440.00		Month
Regulated (Cyanide)			
'403.6(e) Unregulated*			
'403.6(e) Dilute			
Cooling Water			
Sanitary	20 gal per person		Continuous
Total Flow to POTW	23,640.00		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

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 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	0.0065	0.0162	<0.006	0.0848	<0.005	0.357	<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: 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: 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. _____

(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.

Harold Johnson
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Harold Johnson
SIGNATURE

Senior Vice President/Plant Manager
OFFICIAL TITLE

12/17/2020
DATE SIGNED

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
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12/11/2020

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

Ref: Analytical Testing
Lab Report Number: 20-336-0150
Client Project Description: Hino Semi-annual Testing
Project# Hino H118677

Dear Mr. Tim Vandegriff:
Waypoint Analytical, LLC. received sample(s) on 12/1/2020 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,

Randell 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.

Waypoint ANALYTICAL

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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
Arkansas	State Program	88-0650	02/07/2021
California	State Program	2904	06/30/2021
Florida	State Program - NELAP	E871157	06/30/2021
Georgia	State Program	C044	02/18/2023
Georgia	State Program	04015	06/30/2021
Illinois	State Program - NELAP	200078	10/10/2021
Kentucky	State Program	80215	06/30/2021
Kentucky	State Program	KY90047	12/31/2020
Louisiana	State Program - NELAP	LA037	12/31/2020
Louisiana	State Program - NELAP	04015	06/30/2021
Mississippi	State Program	MS	02/11/2023
North Carolina	State Program	415	12/31/2020
Oklahoma	State Program	9311	08/31/2021
Pennsylvania	State Program - NELAP	68-03195	05/31/2021
South Carolina	State Program	84002	06/30/2021
South Carolina	State Program	84002	06/30/2021
Tennessee	State Program	02027	02/11/2023
Tennessee	A2LA ISO 17025:2017	4313.01	10/31/2021
Texas	State Program - NELAP	T104704180	09/30/2021
Virginia	State Program	00106	06/30/2021
Virginia	State Program - NELAP	460181	09/14/2021

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Sample Summary Table

Report Number: **20-336-0150**

Client Project Description: **Hino Semi-annual Testing**
Project# Hino H118677

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
88981	WW Effluent	Aqueous	12/01/2020 09:50	12/01/2020

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Client: Safety-Kleen
Project: Hino Semi-annual Testing
Lab Report Number: 20-336-0150
Date: 12/10/2020

CASE NARRATIVE

Organochlorine Pesticides Method 608.3
Sample 88981 (WW Effluent)
QC Batch No: L525485/L524968
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)
Analyte: Decachlorobiphenyl
QC Batch No: L525237/L524967
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: L525409/L525406
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: L525678/L525435
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
QC Batch No: L525435/L525435
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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Millington , TN 38053

Project Hino Semi-annual Testing

Information : Project# Hino H118677

Report Date : 12/11/2020
Received : 12/01/2020

Report Number : **20-336-0150**

REPORT OF ANALYSIS

Lab No : **88981**
Sample ID : **WW Effluent**

Matrix: **Aqueous**
Sampled: **12/1/2020 9:50**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	<0.005	mg/L	0.005	1	12/09/20 11:10	FMM	4500CNE-2011
Cadmium	<0.0020	mg/L	0.0020	1	12/05/20 01:56	JADS	EPA-200.7
Chromium	**0.0065**	mg/L	0.0050	1	12/05/20 01:56	JADS	EPA-200.7
Copper	**0.0162**	mg/L	0.0050	1	12/05/20 01:56	JADS	EPA-200.7
Lead	<0.0060	mg/L	0.0060	1	12/05/20 01:56	JADS	EPA-200.7
Nickel	**0.0848**	mg/L	0.0050	1	12/05/20 01:56	JADS	EPA-200.7
Silver	<0.0050	mg/L	0.0050	1	12/05/20 01:56	JADS	EPA-200.7
Zinc	**0.357**	mg/L	0.0200	1	12/05/20 01:56	JADS	EPA-200.7

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

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Project Hino Semi-annual Testing

Information : Project# Hino H118677

Report Date : 12/11/2020
Received : 12/01/2020

Report Number : **20-336-0150**

REPORT OF ANALYSIS

Lab No : **88981**
Sample ID : **WW Effluent**

Matrix: **Aqueous**
Sampled: **12/1/2020 9:50**

Analytical Method: 608.3 **Prep Batch(es):** **L524968** 12/03/20 10:00
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	12/04/20 15:31	VIC	L525485
alpha-BHC	<0.0400	µg/L	0.0400	10	12/04/20 15:31	VIC	L525485
beta-BHC	<0.0400	µg/L	0.0400	10	12/04/20 15:31	VIC	L525485
delta-BHC	<0.0400	µg/L	0.0400	10	12/04/20 15:31	VIC	L525485
Chlordane	<0.200	µg/L	0.200	10	12/04/20 15:31	VIC	L525485
4,4'-DDD	<0.0400	µg/L	0.0400	10	12/04/20 15:31	VIC	L525485
4,4'-DDE	<0.0400	µg/L	0.0400	10	12/04/20 15:31	VIC	L525485
4,4'-DDT	<0.0400	µg/L	0.0400	10	12/04/20 15:31	VIC	L525485
Dieldrin	<0.0400	µg/L	0.0400	10	12/04/20 15:31	VIC	L525485
Endosulfan I	<0.0400	µg/L	0.0400	10	12/04/20 15:31	VIC	L525485
Endosulfan II	<0.0400	µg/L	0.0400	10	12/04/20 15:31	VIC	L525485
Endosulfan Sulfate	<0.0400	µg/L	0.0400	10	12/04/20 15:31	VIC	L525485
Endrin	<0.0400	µg/L	0.0400	10	12/04/20 15:31	VIC	L525485
Endrin Aldehyde	<0.0400	µg/L	0.0400	10	12/04/20 15:31	VIC	L525485
gamma-BHC	<0.0400	µg/L	0.0400	10	12/04/20 15:31	VIC	L525485
Heptachlor	<0.0400	µg/L	0.0400	10	12/04/20 15:31	VIC	L525485
Heptachlor Epoxide	<0.0400	µg/L	0.0400	10	12/04/20 15:31	VIC	L525485
Toxaphene	<0.300	µg/L	0.300	10	12/04/20 15:31	VIC	L525485
Surrogate: Decachlorobiphenyl	**15.1** *		Limits: 36-116%	10	12/04/20 15:31	VIC	L525485
Surrogate: Tetrachloro-m-xylene	**22.8** *		Limits: 25-123%	10	12/04/20 15:31	VIC	L525485

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

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Project Hino Semi-annual Testing

Information : Project# Hino H118677

Report Date : 12/11/2020
Received : 12/01/2020

Report Number : **20-336-0150**

REPORT OF ANALYSIS

Lab No : **88981**
Sample ID : **WW Effluent**

Matrix: **Aqueous**
Sampled: **12/1/2020 9:50**

Analytical Method: 608.3 (PCB) **Prep Batch(es):** **L524967** 12/08/20 10:00
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	12/03/20 18:34	VIC	L525237
Aroclor 1221	<0.200	µg/L	0.200	1	12/03/20 18:34	VIC	L525237
Aroclor 1232	<0.200	µg/L	0.200	1	12/03/20 18:34	VIC	L525237
Aroclor 1242	<0.200	µg/L	0.200	1	12/03/20 18:34	VIC	L525237
Aroclor 1248	<0.200	µg/L	0.200	1	12/03/20 18:34	VIC	L525237
Aroclor 1254	<0.200	µg/L	0.200	1	12/03/20 18:34	VIC	L525237
Aroclor 1260	<0.200	µg/L	0.200	1	12/03/20 18:34	VIC	L525237
Surrogate: Decachlorobiphenyl	**18.4** *		Limits: 25-125%	1	12/03/20 18:34	VIC	L525237
Surrogate: Tetrachloro-m-xylene	25.1		Limits: 25-125%	1	12/03/20 18:34	VIC	L525237

Analytical Method: 624.1 **Prep Batch(es):** **L525406** 12/05/20 09:45
Prep Method: EPA-624.1 (PREP)

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<200	µg/L	200	10	12/05/20 16:55	ELM	L525409
Acrylonitrile	<200	µg/L	200	10	12/05/20 16:55	ELM	L525409
Benzene	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
Bromodichloromethane	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
Bromoform	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
Bromomethane	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
Carbon Tetrachloride	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
Chlorobenzene	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
Chlorodibromomethane	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409

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

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Project Hino Semi-annual Testing
Information : Project# Hino H118677

Report Date : 12/11/2020
Received : 12/01/2020

Report Number : **20-336-0150**

REPORT OF ANALYSIS

Lab No : **88981**
Sample ID : **WW Effluent**

Matrix: **Aqueous**
Sampled: **12/1/2020 9:50**

Analytical Method: 624.1 **Prep Batch(es):** **L525406** 12/05/20 09:45
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	12/05/20 16:55	ELM	L525409
2-Chloroethylvinyl Ether	<50.0	µg/L	50.0	10	12/05/20 16:55	ELM	L525409
Chloroform	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
Chloromethane	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
1,2-Dichlorobenzene	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
1,3-Dichlorobenzene	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
1,4-Dichlorobenzene	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
1,1-Dichloroethane	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
1,2-Dichloroethane	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
1,1-Dichloroethene	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
cis-1,2-Dichloroethene	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
trans-1,2-Dichloroethene	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
1,2-Dichloroethene (Total)	<10.0	µg/L	10.0	10	12/05/20 16:55		L525409
1,2-Dichloropropane	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
cis-1,3-Dichloropropene	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
trans-1,3-Dichloropropene	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
1,3-Dichloropropene (Total)	<10.0	µg/L	10.0	10	12/05/20 16:55		L525409
Ethylbenzene	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
Methylene Chloride	<100	µg/L	100	10	12/05/20 16:55	ELM	L525409
1,1,1,2-Tetrachloroethane	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
1,1,2,2-Tetrachloroethane	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
Tetrachloroethene	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409

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

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Project Hino Semi-annual Testing

Information : Project# Hino H118677

Report Date : 12/11/2020
Received : 12/01/2020

Report Number : **20-336-0150**

REPORT OF ANALYSIS

Lab No : **88981**
Sample ID : **WW Effluent**

Matrix: **Aqueous**
Sampled: **12/1/2020 9:50**

Analytical Method: 624.1 **Prep Batch(es):** **L525406** 12/05/20 09:45
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	12/05/20 16:55	ELM	L525409
1,1,1-Trichloroethane	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
1,1,2-Trichloroethane	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
Trichloroethene	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
Vinyl Chloride	<10.0	µg/L	10.0	10	12/05/20 16:55	ELM	L525409
Surrogate: 4-Bromofluorobenzene	120		Limits: 71-131%	10	12/05/20 16:55	ELM	L525409
Surrogate: Dibromofluoromethane	103		Limits: 70-128%	10	12/05/20 16:55	ELM	L525409
Surrogate: 1,2-Dichloroethane - d4	79.2		Limits: 67-136%	10	12/05/20 16:55	ELM	L525409
Surrogate: Toluene-d8	113		Limits: 70-130%	10	12/05/20 16:55	ELM	L525409

Analytical Method: 625 Screen **Prep Batch(es):** **L525564** 12/07/20 15:53
Prep Method: 625

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dioxin (2,3,7,8-TCDD) screen	<1.00	µg/L	1.00	1	12/08/20 23:09	BGV	L525867

Analytical Method: 625.1 **Prep Batch(es):** **L525435** 12/07/20 10:42
Prep Method: 625.1

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678
Acenaphthylene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678
Anthracene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678

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

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05140
Safety-Kleen
Mr. Tim Vandegriff
3536 Fite Road
Millington , TN 38053

Project Hino Semi-annual Testing
Information : Project# Hino H118677

Report Date : 12/11/2020
Received : 12/01/2020

Report Number : **20-336-0150**

REPORT OF ANALYSIS

Lab No : **88981**
Sample ID : **WW Effluent**

Matrix: **Aqueous**
Sampled: **12/1/2020 9:50**

Analytical Method: 625.1 **Prep Batch(es):** **L525435** 12/07/20 10:42
Prep Method: 625.1

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzidine	<1000	µg/L	1000	5	12/07/20 21:40	BGV	L525678
Benzo(a)anthracene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678
Benzo(a)pyrene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678
Benzo(b)fluoranthene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678
Benzo(g,h,i)perylene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678
Benzo(k)fluoranthene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678
Bis(2-Chloroethoxy)methane	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Bis(2-Chloroethyl)ether	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Bis(2-Chloroisopropyl)ether	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Bis(2-ethylhexyl)phthalate	<500	µg/L	500	5	12/07/20 21:40	BGV	L525678
4-Bromophenyl phenyl ether	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Butyl benzyl phthalate	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
4-Chloro-3-methylphenol	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
2-Chloronaphthalene	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
2-Chlorophenol	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
4-Chlorophenyl phenyl ether	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Chrysene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678
Dibenz(a,h)anthracene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678
1,2-Dichlorobenzene	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
1,3-Dichlorobenzene	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
1,4-Dichlorobenzene	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
3,3'-Dichlorobenzidine	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678

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

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Project Hino Semi-annual Testing

Information : Project# Hino H118677

Report Date : 12/11/2020
Received : 12/01/2020

Report Number : **20-336-0150**

REPORT OF ANALYSIS

Lab No : **88981**
Sample ID : **WW Effluent**

Matrix: **Aqueous**
Sampled: **12/1/2020 9:50**

Analytical Method: 625.1 **Prep Batch(es):** **L525435** 12/07/20 10:42
Prep Method: 625.1

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2,4-Dichlorophenol	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Diethyl phthalate	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Dimethyl phthalate	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
2,4-Dimethylphenol	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Di-n-butyl phthalate	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
4,6-Dinitro-2-methylphenol	<500	µg/L	500	5	12/07/20 21:40	BGV	L525678
2,4-Dinitrophenol	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
2,4-Dinitrotoluene	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
2,6-Dinitrotoluene	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Di-n-Octyl Phthalate	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
1,2-Diphenylhydrazine/Azobenzene	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Fluoranthene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678
Fluorene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678
Hexachlorobenzene	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Hexachlorobutadiene	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Hexachlorocyclopentadiene	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Hexachloroethane	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Indeno(1,2,3-cd)pyrene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678
Isophorone	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Naphthalene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678
Nitrobenzene	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
2-Nitrophenol	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678

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

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3536 Fite Road
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Project Hino Semi-annual Testing

Information : Project# Hino H118677

Report Date : 12/11/2020
Received : 12/01/2020

Report Number : **20-336-0150**

REPORT OF ANALYSIS

Lab No : **88981**
Sample ID : **WW Effluent**

Matrix: **Aqueous**
Sampled: **12/1/2020 9:50**

Analytical Method: 625.1 **Prep Batch(es):** **L525435** 12/07/20 10:42
Prep Method: 625.1

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
4-Nitrophenol	<500	µg/L	500	5	12/07/20 21:40	BGV	L525678
N-Nitrosodimethylamine	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
N-Nitrosodiphenylamine	<500	µg/L	500	5	12/07/20 21:40	BGV	L525678
N-Nitroso-di-n-propylamine	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Pentachlorophenol	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Phenanthrene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678
Phenol	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Pyrene	<100	µg/L	100	5	12/07/20 21:40	BGV	L525678
1,2,4-Trichlorobenzene	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
2,4,6-Trichlorophenol	<250	µg/L	250	5	12/07/20 21:40	BGV	L525678
Surrogate: 2-Fluorobiphenyl	48.3		Limits: 30-107%	5	12/07/20 21:40	BGV	L525678
Surrogate: 2-Fluorophenol	12.0		Limits: 8-88%	5	12/07/20 21:40	BGV	L525678
Surrogate: Nitrobenzene-d5	42.1		Limits: 29-105%	5	12/07/20 21:40	BGV	L525678
Surrogate: Phenol-d6	45.2		Limits: 7-58%	5	12/07/20 21:40	BGV	L525678
Surrogate: 4-Terphenyl-d14	64.6		Limits: 30-130%	5	12/07/20 21:40	BGV	L525678
Surrogate: 2,4,6-Tribromophenol	60.0		Limits: 16-138%	5	12/07/20 21:40	BGV	L525678

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

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Shipment Receipt Form

Customer Number: **05140**
Customer Name: **Safety-Kleen**
Report Number: **20-336-0150**

Shipping Method

○ Fed Ex	○ US Postal	○ Lab	○ Other :	
○ UPS	● Client	○ Courier	Thermometer ID:	T101

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers/boxes received	1		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Present
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Present
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: Summer Harrison Date & Time: 12/01/2020 16:05:09

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Kit ID:	**148718**
Initiated By:	**Randy Thomas**
Initiated Date:	**11/30/2020**
Project Comment	

CHAIN-OF-CUSTODY

20-336-0150
05140
12-01-2020
16:04:56
Safety-Kleen
Hino Semi-annual Testing

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Safety-Kleen	05140	Mr. Tim Vandegriff	52065-0005 1899 2
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	Hino H118477		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Safety-Kleen - Hino Semi-annual Testing	901-355-4905	Tim.Vandegriff@safety-kleen.com	Millington

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12-1	9:50	Field pH = 9.3	Aqueous	G	0	NA	NONE	Field pH
12-1	9.50	WW Effluent	Aqueous	G	3	Glass Vial Amber - 40ml	HCL - Hydrochloric Acid	624 - TTO- VOC
12-1	9.50	WW Effluent	Aqueous	G	3	Glass Amber - Liter	Na2S2O3 - Sodium Thiosulfate	625, 608 - TTO- SVOC, PCB, Pesticides
12-1	9.50	WW Effluent	Aqueous	G	1	Glass Amber - Liter	NONE	625 - TTO - Dioxin Screen
12-1	9.50	WW Effluent	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	4500CNE - CNT
12-1	9.50	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	Tim Vandegriff	Semi Annual Waste Water			
(Y)N	Y(N)		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
Blank/Cooler Temp			Tim Vandegriff	12/1 11:10			
1.6 T101			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
8th							
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
					Summer Allison	12/1/20 13:10	

1/1