

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 2019 TO: December 2019

(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 900

D. [Reserved]

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge*
Regulated (Core & Regulated (Cyanide)	6,815.32		Month
' 403.6(e) Unregulated*			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	20 gal per person		Continuous
Total Flow to POTW	24,815.32		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	<0.005	0.0262	<0.006	0.0340	<0.005	0.278	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: '433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED '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(i)

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

1/3/2020
DATE SIGNED

1/2/2020

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

Ref: Analytical Testing
Lab Report Number: 19-352-0100
Client Project Description: Hino Semi-annual Testing
Project #HI18677

Dear Mr. Tim Vandegriff:
Waypoint Analytical, LLC. received sample(s) on 12/18/2019 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.

Alabama #40750	Louisiana #04015	VA NELAP #460181	Texas #T104704180	Arkansas #88-0650
Mississippi	California #2904	NC #415	Oklahoma #9311	SC #84002
Kentucky #90047	Tennessee #TN02027	EPA #TN00012	Kentucky UST #80215	PA DEP #68-03195





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www.waypointanalytical.com

Sample Summary Table

Report Number: 19-352-0100
Client Project Description: Hino Semi-annual Testing
Project #HI18677

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
87039	WW Effluent	Aqueous	12/18/2019 10:13	12/18/2019

Client: Safety-Kleen
Project: Hino Semi-annual Testing
Lab Report Number: 19-352-0100
Date: 1/2/2020

CASE NARRATIVE

Organochlorine Pesticides Method 608.3

Sample 87039 (WW Effluent)

QC Batch No: L470645/L470318

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 low recoveries were due to the sample matrix.

Organochlorine Pesticides and PCBs Method 608.3 (PCB)

Analyte: Decachlorobiphenyl

QC Batch No: L470642/L470317

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 low recoveries were due to the sample matrix.

Volatile Organic Compounds - GC/MS Method 624.1

QC Batch No: L470573/L470569

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: L470399/L470301

Surrogate(s) flagged for recovery outside QC limits in this project sample due to a required dilution. The dilution factor resulted in surrogate concentration(s) below the minimum detectable level. Batch QC samples (method blank and laboratory control samples) all showed surrogates within QC limits.



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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 : 01/02/2020
 Received : 12/18/2019

Report Number : **19-352-0100**

REPORT OF ANALYSIS

Lab No : **87039**
 Sample ID : **WW Effluent**

Matrix: **Aqueous**
 Sampled: **12/18/2019 10:13**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	0.005	mg/L	0.005	1	12/31/19 10:30	FMM	4500CNE-2011
Cadmium	<0.0020	mg/L	0.0020	1	12/27/19 22:56	KKM	EPA-200.7
Chromium	<0.0050	mg/L	0.0050	1	12/27/19 22:56	KKM	EPA-200.7
Copper	0.0262	mg/L	0.0050	1	12/27/19 22:56	KKM	EPA-200.7
Lead	<0.0060	mg/L	0.0060	1	12/27/19 22:56	KKM	EPA-200.7
Nickel	0.0340	mg/L	0.0050	1	12/27/19 22:56	KKM	EPA-200.7
Silver	<0.0050	mg/L	0.0050	1	12/27/19 22:56	KKM	EPA-200.7
Zinc	0.278	mg/L	0.0200	1	12/27/19 22:56	KKM	EPA-200.7

**Qualifiers/
 Definitions**

* Outside QC Limit
 L Limit Exceeded
 Q RPD >40% dual column results

DF Dilution Factor
 MQL Method Quantitation Limit

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Project Hino Semi-annual Testing
Information : Project #HI18677

Report Date : 01/02/2020
Received : 12/18/2019

Report Number : **19-352-0100**

REPORT OF ANALYSIS

Lab No : **87039**
Sample ID : **WW Effluent**

Matrix: **Aqueous**
Sampled: **12/18/2019 10:13**

Analytical Method: 608.3 **Prep Batch(es):** **L470318** 12/23/19 17:50
Prep Method: EPA-608.3 (PREP)

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.0400	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
alpha-BHC	<0.0400	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
beta-BHC	<0.0400	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
delta-BHC	<0.0400	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
Chlordane	<0.200	µg/L	0.200	10	12/27/19 01:40	VIC	L470645
4,4'-DDD	<0.0400	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
4,4'-DDE	<0.0400	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
4,4'-DDT	<0.0400	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
Dieldrin	0.0542	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
Endosulfan I	<0.0400	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
Endosulfan II	<0.0400	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
Endosulfan Sulfate	<0.0400	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
Endrin	<0.0400	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
Endrin Aldehyde	<0.0400	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
gamma-BHC	<0.0400	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
Heptachlor	<0.0400	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
Heptachlor Epoxide	<0.0400	µg/L	0.0400	10	12/27/19 01:40	VIC	L470645
Toxaphene	<0.300	µg/L	0.300	10	12/27/19 01:40	VIC	L470645
Surrogate: Decachlorobiphenyl	20.5 *		Limits: 36-116%	10	12/27/19 01:40	VIC	L470645
Surrogate: Tetrachloro-m-xylene	18.2 *		Limits: 25-123%	10	12/27/19 01:40	VIC	L470645

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



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Project Hino Semi-annual Testing
 Information : Project #HI18677

Report Date : 01/02/2020
 Received : 12/18/2019

Report Number : 19-352-0100

REPORT OF ANALYSIS

Lab No : 87039
 Sample ID : WW Effluent

Matrix: Aqueous
 Sampled: 12/18/2019 10:13

Analytical Method: 608.3 (PCB) **Prep Batch(es):** L470317 12/23/19 17:30
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	12/26/19 16:07	VIC	L470642
Aroclor 1221	<0.200	µg/L	0.200	1	12/26/19 16:07	VIC	L470642
Aroclor 1232	<0.200	µg/L	0.200	1	12/26/19 16:07	VIC	L470642
Aroclor 1242	<0.200	µg/L	0.200	1	12/26/19 16:07	VIC	L470642
Aroclor 1248	<0.200	µg/L	0.200	1	12/26/19 16:07	VIC	L470642
Aroclor 1254	<0.200	µg/L	0.200	1	12/26/19 16:07	VIC	L470642
Aroclor 1260	<0.200	µg/L	0.200	1	12/26/19 16:07	VIC	L470642
Surrogate: Decachlorobiphenyl	2.34 *		Limits: 25-125%	1	12/26/19 16:07	VIC	L470642
Surrogate: Tetrachloro-m-xylene	9.45 *		Limits: 25-125%	1	12/26/19 16:07	VIC	L470642

Analytical Method: 624.1 **Prep Batch(es):** L470569 12/26/19 07:56
Prep Method: EPA-624.1 (PREP)

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<200	µg/L	200	10	12/26/19 15:41	ASH	L470573
Acrylonitrile	<200	µg/L	200	10	12/26/19 15:41	ASH	L470573
Benzene	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
Bromodichloromethane	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
Bromoform	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
Bromomethane	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
Carbon Tetrachloride	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
Chlorobenzene	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
Chlorodibromomethane	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573

Qualifiers/ * Outside QC Limit DF Dilution Factor
Definitions 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 : 01/02/2020

Received : 12/18/2019

Report Number : 19-352-0100

REPORT OF ANALYSIS

Lab No : 87039

Matrix: Aqueous

Sample ID : WW Effluent

Sampled: 12/18/2019 10:13

Analytical Method: 624.1

Prep Batch(es): L470569 12/26/19 07:56

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	12/26/19 15:41	ASH	L470573
2-Chloroethylvinyl Ether	<50.0	µg/L	50.0	10	12/26/19 15:41	ASH	L470573
Chloroform	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
Chloromethane	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
1,2-Dichlorobenzene	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
1,3-Dichlorobenzene	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
1,4-Dichlorobenzene	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
1,1-Dichloroethane	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
1,2-Dichloroethane	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
1,1-Dichloroethene	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
cis-1,2-Dichloroethene	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
trans-1,2-Dichloroethene	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
1,2-Dichloroethene (Total)	<10.0	µg/L	10.0	10	12/26/19 15:41		L470573
1,2-Dichloropropane	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
cis-1,3-Dichloropropene	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
trans-1,3-Dichloropropene	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
1,3-Dichloropropene (Total)	<10.0	µg/L	10.0	10	12/26/19 15:41		L470573
Ethylbenzene	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
Methylene Chloride	<100	µg/L	100	10	12/26/19 15:41	ASH	L470573
1,1,1,2-Tetrachloroethane	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
1,1,2,2-Tetrachloroethane	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
Tetrachloroethene	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573

**Qualifiers/
Definitions**

*

Outside QC Limit

DF

Dilution Factor

MQL

Method Quantitation Limit

Q

RPD >40% dual column results

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Project Hino Semi-annual Testing
 Information : Project #HI18677

Report Date : 01/02/2020
 Received : 12/18/2019

Report Number : 19-352-0100

REPORT OF ANALYSIS

Lab No : 87039
 Sample ID : WW Effluent

Matrix: Aqueous
 Sampled: 12/18/2019 10:13

Analytical Method: 624.1 **Prep Batch(es):** L470569 12/26/19 07:56
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	12/26/19 15:41	ASH	L470573
1,1,1-Trichloroethane	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
1,1,2-Trichloroethane	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
Trichloroethene	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
Vinyl Chloride	<10.0	µg/L	10.0	10	12/26/19 15:41	ASH	L470573
Surrogate: 4-Bromofluorobenzene	90.2		Limits: 71-131%	10	12/26/19 15:41	ASH	L470573
Surrogate: Dibromofluoromethane	102		Limits: 70-128%	10	12/26/19 15:41	ASH	L470573
Surrogate: 1,2-Dichloroethane - d4	108		Limits: 67-136%	10	12/26/19 15:41	ASH	L470573
Surrogate: Toluene-d8	96.2		Limits: 70-130%	10	12/26/19 15:41	ASH	L470573

Analytical Method: 625 Screen **Prep Batch(es):** L470863 12/30/19 11:45
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	12/31/19 04:17	NFP	L471097 ~

Analytical Method: 625.1 **Prep Batch(es):** L470301 12/23/19 16:30
Prep Method: 625.1

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<100	µg/L	100	5	12/27/19 03:44	BGV	L470399
Acenaphthylene	<100	µg/L	100	5	12/27/19 03:44	BGV	L470399
Anthracene	<100	µg/L	100	5	12/27/19 03:44	BGV	L470399

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

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Lab No : 87039
 Sample ID : WW Effluent

Matrix: Aqueous
 Sampled: 12/18/2019 10:13

Analytical Method: 625.1 Prep Batch(es): L470301 12/23/19 16:30
 Prep Method: 625.1

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzidine	<1000	µg/L	1000	5	12/27/19 03:44	BGV	L470399
Benzo(a)anthracene	<100	µg/L	100	5	12/27/19 03:44	BGV	L470399
Benzo(a)pyrene	<100	µg/L	100	5	12/27/19 03:44	BGV	L470399
Benzo(b)fluoranthene	<100	µg/L	100	5	12/27/19 03:44	BGV	L470399
Benzo(g,h,i)perylene	<100	µg/L	100	5	12/27/19 03:44	BGV	L470399
Benzo(k)fluoranthene	<100	µg/L	100	5	12/27/19 03:44	BGV	L470399
Bis(2-Chloroethoxy)methane	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
Bis(2-Chloroethyl)ether	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
Bis(2-Chloroisopropyl)ether	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
Bis(2-ethylhexyl)phthalate	<500	µg/L	500	5	12/27/19 03:44	BGV	L470399
4-Bromophenyl phenyl ether	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
Butyl benzyl phthalate	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
4-Chloro-3-methylphenol	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
2-Chloronaphthalene	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
2-Chlorophenol	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
4-Chlorophenyl phenyl ether	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
Chrysene	<100	µg/L	100	5	12/27/19 03:44	BGV	L470399
Dibenz(a,h)anthracene	<100	µg/L	100	5	12/27/19 03:44	BGV	L470399
1,2-Dichlorobenzene	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
1,3-Dichlorobenzene	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
1,4-Dichlorobenzene	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
3,3'-Dichlorobenzidine	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399

Qualifiers/ * Outside QC Limit DF Dilution Factor
Definitions 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: 01/02/2020
Received: 12/18/2019

Report Number: 19-352-0100

REPORT OF ANALYSIS

Lab No: 87039
Sample ID: WW Effluent

Matrix: Aqueous
Sampled: 12/18/2019 10:13

Analytical Method: 625.1 Prep Batch(es): L470301 12/23/19 16:30
Prep Method: 625.1

Test	Results	Units	MLQ	DF	Date / Time Analyzed	By	Analytical Batch
4-Nitrophenol	<500	µg/L	500	5	12/27/19 03:44	BGV	L470399
N-Nitrosodimethylamine	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
N-Nitrosodiphenylamine	<500	µg/L	500	5	12/27/19 03:44	BGV	L470399
N-Nitroso-di-n-propylamine	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
Pentachlorophenol	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
Phenanthrene	<100	µg/L	100	5	12/27/19 03:44	BGV	L470399
Phenol	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
Pyrene	<100	µg/L	100	5	12/27/19 03:44	BGV	L470399
1,2,4-Trichlorobenzene	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
2,4,6-Trichlorophenol	<250	µg/L	250	5	12/27/19 03:44	BGV	L470399
Surrogate: 2-Fluorobiphenyl	42.9		Limits: 38-107%	5	12/27/19 03:44	BGV	L470399
Surrogate: 2-Fluorophenol	0 *		Limits: 8-88%	5	12/27/19 03:44	BGV	L470399
Surrogate: Nitrobenzene-d5	39.5		Limits: 29-105%	5	12/27/19 03:44	BGV	L470399
Surrogate: Phenol-d6	0 *		Limits: 7-58%	5	12/27/19 03:44	BGV	L470399
Surrogate: 4-Terphenyl-d14	78.8		Limits: 30-130%	5	12/27/19 03:44	BGV	L470399
Surrogate: 2,4,6-Tribromophenol	63.0		Limits: 16-138%	5	12/27/19 03:44	BGV	L470399

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

Shipment Receipt Form

Customer Number: **05140**
Customer Name: **Safety-Kleen**
Report Number: **19-352-0100**

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 type="radio"/> Yes	<input checked="" 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:

