



Aaron Exley
Environmental, Health &
Safety Manager

10/17/2011

Allen Gilliam
ADEQ State Pretreatment Coordinator
5301 Northshore Drive
North Little Rock, AR 72118-5317

Mary Timmons
General Manager
Mena Wastewater Utilities
701 Mena Street
Mena, AR 71953

Dear Mr. Gilliam and Ms. Timmons,

In accordance with 40 CFR Part 403.12(e), Nidec Motor Corporation, Mena Plant is submitting its Semi-Annual Discharge Report to you for review.

We have remained compliant since submitting our Zinc reading for samples taken 5/5/2011 and 5/6/2011. We sampled most of our batches for Zinc during the last 6 months and did one set of full analytical as required. The monthly average for Zinc was .4436 mg/L with an allowable limit of 1.48 mg/L.

In the documentation you will find a change to our washing of our large Titan Motor Parts from the OSI washer to the New Alkota washer. We are already seeing a pretty nice reduction in our energy consumption. This process will also use less chemicals and water thus requiring less treatment water going to the POTW.

Sincerely,

Aaron Exley

CC: Mike Spencer – Mena POTW
Matt Cannon – Mena POTW
Randy Wiseman - Nidec

NIDEC MOTOR CORPORATION

IM&S DIVISION, US MOTORS, 500 N. MORROW STREET, MENA, AR 71953
PHONE: (479)-394-8741 FAX: (479) 394-8888 EMAIL: aaron.exley@nidec-motor.com

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

Use of this form is not an EPA/ADEQ requirement.

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

LEGAL NAME & MAILING ADDRESS

Nidec Motor Corporation
500 North Morrow Street
Mena, AR 71953

B. FACILITY & LOCATION ADDRESS

Nidec Motor Corporation
500 North Morrow Street
Mena, AR 71953

C. FACILITY CONTACT: Aaron Exley EH&S Manager

TELEPHONE NUMBER: (479) 394-8741

(2) REPORTING PERIOD--FISCAL YEAR From Oct 1 to Sep 30 (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

Apr - Oct

B. PERIOD COVERED BY THIS REPORT

FROM Apr 2011 **TO:** Sept 2011

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

- Electroplating
- Electroless Plating
- Anodizing
- Coating
- Chemical Etching and Milling
- Printed Circuit Board Manufacture

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

Parts Washing _____

_ Stator Submersion test _____

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.

The 9000 gallon OSI parts washer has been taken out of service and removed. It was replaced by the Alkota Parts washer. It is a large impingement washer that sprays the parts with high pressure nozzles. The new parts washer holds 1000 gallons of wash water and 200 gallons of rinse water. The process will use less chemicals, less natural gas for heating and require more frequent cleanings but the volume will be much less. The ADEQ was notified of this process improvement 9/20/2011 with an e-mail sent to Allen Gilliam.

*SEE 40CFR433.10(a) FOR 40 DIFFERENT OPERATIONS

C. Number of Regular Employees at this Facility <u>352</u>	D. [Reserved]

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
Regulated (Core & Anc)	117	1300	Batch
Regulated (Cyanide)	-	-	-
§403.6(e) Unregulated*	-	-	-
§403.6(e) Dilute Cooling Water	285	608	Continuous
Sanitary	8800	8800	Continuous
Total Flow to POTW	9202	10,708	xxxxxxxxx

*"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 _____
- None

B. COMMENTS ON TREATMENT SYSTEM

Removing swimming pool type filter prior to last tank before going to POTW and installing an industrial bag filter. Improved filtration and easier to change bag design.

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.

Pollutant(mg/l)	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	0.69	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave	0.26	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	<0.04	<0.007	0.086	<0.04	0.36	<0.007	1.57	0.28	TOMP --

Ave Measured	<0.04	<0.007	0.086	<0.04	0.36	<0.007	0.4436	0.28	TOMP --
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Sample Location Discharge from Wastewater System

Sample Type (Grab or Composite) Grab

Number of Samples and Frequency Collected 1 every 6 months / Additional Samples on Zinc taken this period. _____

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. CYANIDE CERTIFICATION (Applicability Pending)

[Reserved]

B. CHECK ONE: §433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED §433.12(a) TTO CERTIFICATION PROVIDED BELOW

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.

Mark Kinder, Plant Manager 
(Typed Name)

(Corporate Officer or authorized representative)

Date of Signature 10/17/2011

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF _____)

Before me, the undersigned authority, on this day personally appeared _____ of _____, a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations therein expressed, in the capacity therein stated and as the act and deed of said corporation.

Given under my hand and seal of office on this _____ day of _____, 200__.

Notary Public in and for _____
County, Arkansas

My commission expires _____.

(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:

- ◆ Continued maintenance of RPZ valves.
- ◆ Chemical precipitation of regulated streams prior to discharge.
- ◆ Floor drains in manufacturing areas sealed.
- ◆ Containment area in Environmental Area
- ◆ Weekly Inspection of facility for environmental issues by environmental operator
- ◆ OSI washer removed from service, Alkota washer uses less chemical, water and natural gas

(8) GENERAL COMMENTS

N/A

(9) SIGNATORY REQUIREMENTS [40CFR403.12(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.

Mark Kinder

NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE



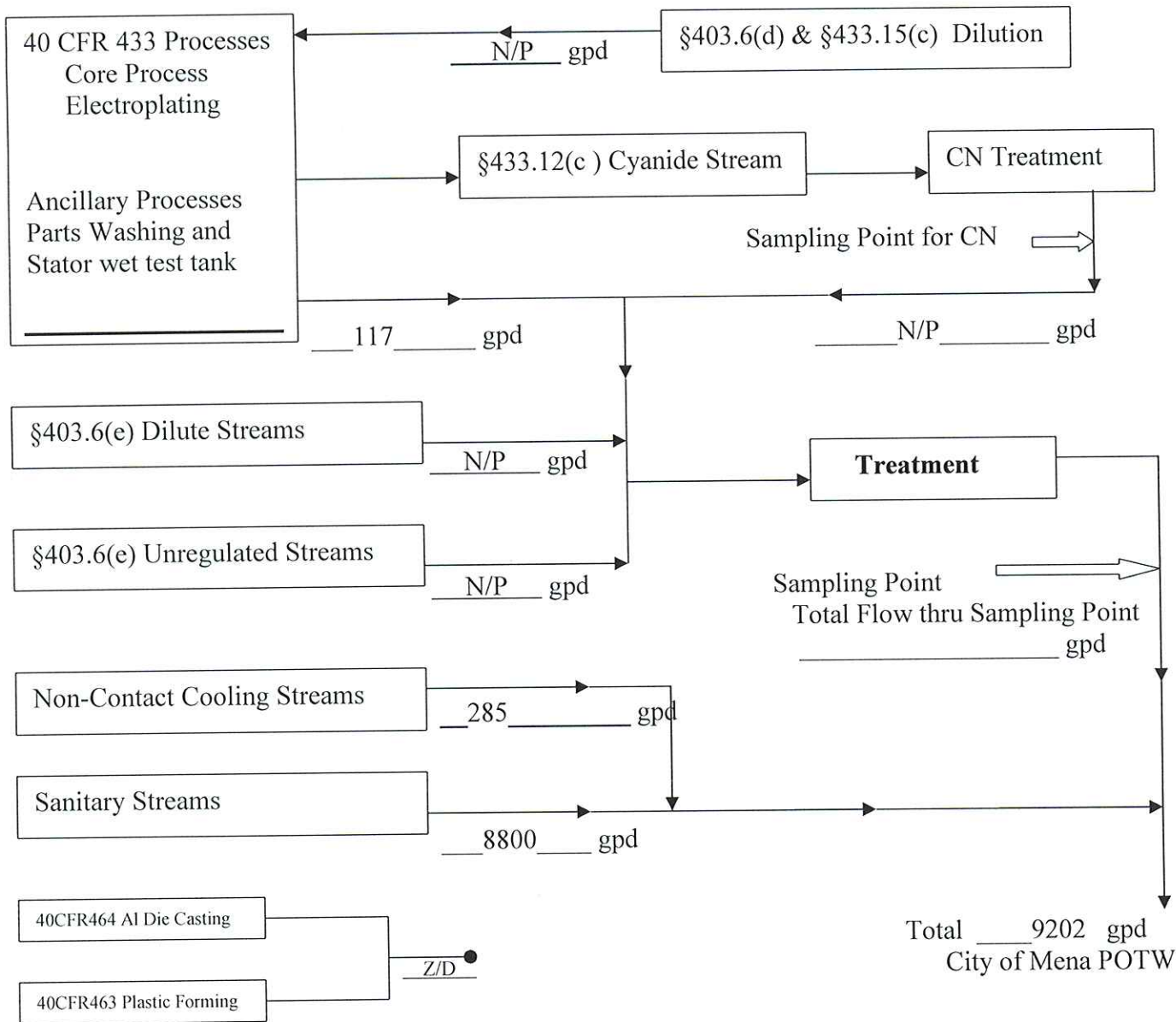
SIGNATURE

10/17/2011

Plant Manager

OFFICIAL TITLE

DATE SIGNED



If a stream is not present, show NOT PRESENT or N/P. If a stream is present, the wastewater can enter the POTW but currently has no flow, show 0.0 gpd. If a stream is present but the wastewater cannot enter the POTW, show Zero Discharge or Z/D. If an unregulated stream is present but the User has decided not to declare it at this time, show N/P.

Carson Eley
 Signature of §403.12(b) Professional

10/17/2011
 Date

I certify under penalty of law that I have personally examined and am familiar with the information in this document and that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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.

Mark Hill
 Plant Manager or the authorized §403.12(l) official

10/17/2011
 Date
 UEM_Diagram.doc (08-06-2002)

Lab Result for Testing Period April - September 2011

	Lead	Nickel	Cadmium	Silver	Chromium	Copper	Cyanide	Zinc	Lab & Notes
Max for 1 day Limit	0.69	3.98	0.69	0.43	2.77	3.38	1.2	2.61	
Monthly Ave Limit	0.43	2.38	0.26	0.24	1.71	2.07	0.65	1.48	
Date of Sample									
5-May								0.311 DT	
6-May								0.061 DT	
3-Jun								1.57 ESC	Same
3-Jun								1.08 DT	Same
3-Jun								11.2 ESC	Waste Water Without Treatment
8-Jun								0.221 ESC	
8-Jun								0.711 ESC	
6-Jan								0.057 DT	
6-Jan	0.36	<0.004	<0.007	<0.007	<0.007	0.086	0.28	0.271 DT	
1-Aug								0.07 DT	
8-Aug								0.084 DT	
20-Sep									
Max for 1 day	<0.04	0.36	<0.004	<0.007	<0.007	0.086	0.28	1.57	
Monthly Ave	<0.04	0.36	<0.004	<0.007	<0.007	0.086	0.28	0.4436	

This water is straight from the tank so we could understand the amount of Zinc in the water before precipitation

All Test taken were within Limits

These water samples were from the same batch to understand differences in labs

Environmental Services Company, Inc.

Corporate Office
 13715 West Markham
 Little Rock, AR 72211
 Tel. (501) 221-2565 Fax (501) 221-1341

Northwest Arkansas Branch
 1107 Century Avenue
 Springdale, AR 72762
 Tel. (479) 750-1170 Fax (479) 750-1172

Control Number: 1106010145 Sample Date : 06/03/11
 Customer Name : NIDDEC MOTOR CORPORATION Sample Time : 1245
 Customer/Permit No. : 478 / Cat pretreatmt Sample Type : GRAB WWATER
 Report Date : 06/14/11 Sample From : WASTE WATER
 Collected By: EDD MYERS
 Delivery By : FED EX
 Work Order :
 Purchase Order :

Laboratory Analysis

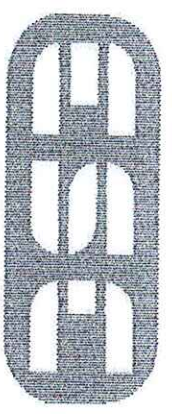
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Quality Assurance</u>	<u>Precision</u>	<u>Accuracy</u>	
06/09	0915	BGM	Zinc	1.5700 mg/L	(b)		EPA 200.7	% RPD	0.32	% Recovery	91.3 *

* QA data shown is from a different sample or standard on the same date.
 (b) Exceeds Permit Limits for Average Concentration

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature 
 Environmental Services Co., Inc.

Environmental Services Company, Inc.
 Corporate Office
 13715 West Markham P.O. Box 56146
 Little Rock, AR 72211 Little Rock, AR 72215
 website: www.esclabs.com



Environmental Services Company, Inc.
 Northwest Branch
 1107 Century
 Springdale, AR 72764

Phone: 501-221-2565 Fax: 501-221-1341 **CHAIN OF CUSTODY** Phone 479-750-1170 Fax: 479-750-1172

Client Information

Company Name: Nidec Motor Corporation
 Address: 500 Morrow Street
 Mena, AR 71953-2599
 Telephone: 479-394-8757
 FAX: Mr. Aaron Exley
 Contact: 479-394-8805
 ESC Client Number: 478

Project Information

Permit/Project #: DMR-632011
 Purchase Order #: _____
 Work Order # _____
 Sampler Name(s): A EDD MYERS
 and Signature(s): *Edd Myers*

Requested Parameters

TTO (81.T organics)
 TTO Metals (see comments)
 Zn (30.IW) only
 Cyanide (9)

Sample Identification

Identification	ESC Control #	Date	Time
WASTE WATER		6/3/11	12:45

Sample Collection

Type	Matrix	Type	Volume	Preservative	#
Grab	Wwaler	Glass	1 LITER	HCl	1
Grab	Wwaler	Glass	1 LITER	50 deg C	1
Grab	Wwaler	Plastic	1 Liter	HNO3	1

Sample Containers

Relinquished By: (Signature and Printed Name)	Date	Time	Received By: (Signature and Printed Name)	Date	Time	Custody Seals:	
						Used?	Intact?
<i>Edd Myers</i>	6/3/11	1:30				<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

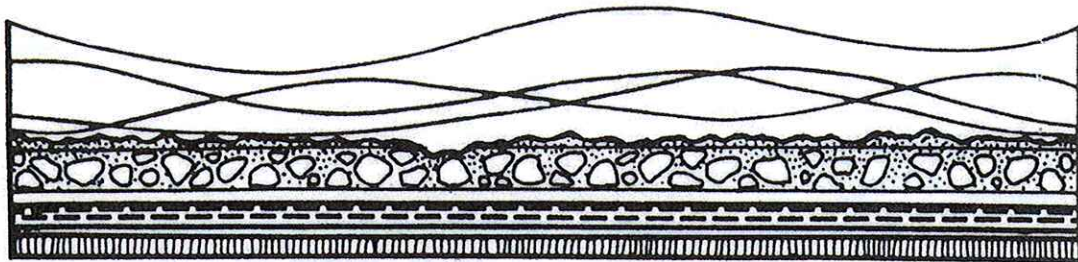
All samples cooled to ≤ 6 degrees C with ice.

Comments: ~~PTM Metals~~ ~~Co/Ag/As/Br/Cd/Cr/Fe/Mn/Ni/Pb/Sb/Se/Tl/Vo/Zn~~
 Ag/As/Br/Cd/Cr/Fe/Mn/Ni/Pb/Sb/Se/Tl/Vo/Zn
 ND - TEST TO EPA 200.7

Flow Data: _____
 Field Test: _____
 Reading: _____
 Units: _____
 Chlorinated? Y N
 Fecal Start: _____

Were samples properly preserved:
 Regular Special
 Yes No

This Document is Page ___ of ___



JUNE SAMPLE ZN

June 10, 2011

FOR: Nidec Motor Corp
500 N. Morrow Street
Mena, Arkansas 71953

Type of Analysis: Wastewater

Date Sample Collected: June 3, 2011
Time Sample Collected: 12:00, 3:00, 5:00pm
Sample Collected By: Nidec Motor Corp.

Date Sample Received: June 6, 2011
Time Sample Received: 11:15am
Sample Received By: D Shelby

Sample #: 20112488

Sample Temperature: 32°C

<u>Parameter</u>	<u>Method Number</u>	<u>Date & Time Analyzed</u>		<u>By</u>	<u>Reported* Value</u>	<u>MDL mg/Kg</u>	<u>% Recovery</u>	<u>% RDP</u>
Zinc	3111-B	6/10/2011	1:34pm	CAP	1.08	0.002	90.8	2.1

Reviewed By: Dolores Shelby

*All results reported in mg/l unless otherwise indicated.

Method: 18th, 19th, 20th Edition of "Standard Methods for the Examination of Water & Wastewater"
EPA Regulations, 40 CFR, Part 136

Quality control measures such as blanks, spikes & duplicates are performed daily on at least 10% of all sample. Equipment maintenance & calibration is also performed daily under the guidelines of the USEPA."

Environmental Services Company, Inc.

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Northwest Arkansas Branch
 1107 Century Avenue
 Springdale, AR 72762
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1106010144
 Customer Name: NIDEC MOTOR CORPORATION
 Customer/Permit No.: 478 / Cat pretreatment
 Report Date: 06/14/11

Sample Date: 06/03/11
 Sample Time: 1245
 Sample Type: GRAB WWATER
 Sample From: WASH WATER
 Collected By: EDD MYERS
 Delivery By: FED EX
 Work Order:
 Purchase Order:

Laboratory Analysis

Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Quality Assurance Accuracy % Recovery *
06/09	0915	BGM	Zinc	11.2000 mg/L	(b)		EPA 200.7	0.32	91.3 *

WATER FROM WASHER BEFORE TREATMENT

* QA data shown is from a different sample or standard on the same date.
 (b) Exceeds Permit Limits for Maximum Concentration

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature [Signature]
 Environmental Services Co., Inc.

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 website: www.esclabs.com



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 Northwest Branch
 1107 Century
 Springdale, AR 72764

Phone: 501-221-2565 Fax: 501-221-1341

CHAIN OF CUSTODY

Phone 479-750-1170 Fax 479-750-1172

Client Information

Company Name: Nidec Motor Corporation
 Address: 500 Morrow Street
 Mena, AR 71953-2599
 Telephone: 479-394-8757
 FAX: Mr. Aaron Exley
 Contact: 479-394-8805
 ESC Client Number: 478

Project Information

Permit/Project #: DMR 632011
 Purchase Order #: _____
 Work Order #: _____
 Sampler Name(s): Edd Myers
 and Signature(s): *Edd Myers*

Requested Parameters

TTO (81.T Organics)	<input checked="" type="checkbox"/>
TTO Metals (see comments)	<input checked="" type="checkbox"/>
Zn (30.IW) only	<input checked="" type="checkbox"/>
Cyanide (9)	<input checked="" type="checkbox"/>

Sample Identification

Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#
WASH WATER	1106010144	6/3/11	12:45	Grab	Wwater	Glass	1 Liter	HNO3	1
				Grab	Wwater	Glass	1 Liter	HCl	2
				Grab	Wwater	Glass	1 Liter	NaOH/AsAcid	3

Sample Collection

Retinquished By: (Signature and Printed Name)	Date	Time	Received By: (Signature and Printed Name)	Date	Time
<i>Lindy Strauss</i>	6/3	1:30 PM	<i>Lindy Strauss</i>	6-6-11	12:45
<i>Lindy Strauss</i>	6-6-11	1:320	<i>Lindy Strauss</i>	6-6-11	1:20

Sample Containers

Retinquished By: (Signature and Printed Name)	Date	Time	Received for Lab By: (Signature and Printed Name)	Date	Time
<i>Lindy Strauss</i>	6-6-11	1:320	<i>Lindy Strauss</i>	6-6-11	1:20

Flow Data

Flow Data	Field Test	Date	Time	Analyst	Result	Units
Chlorinated? Y N	Fecal Start:					

Comments: TIO Metals: ~~Ag(4.IW), Zn(30.IW)~~
 WASN WATER SAMPLE PULLED BEFORE PRECIPITATION

ES

Environmental Services Company, Inc.

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 13715 West Markham
 Little Rock, AR 72211
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch
 1107 Century Avenue
 Springdale, AR 72762
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1106010238
 Customer Name : NIDEC MOTOR CORPORATION
 Customer/Permit No. : 478 / Cat pretreatment
 Report Date : 06/15/11

Sample Date : 06/08/11
 Sample Time : 0815
 Sample Type : GRAB WWATER
 Sample From : WASTEWATER

Collected By: EDD MYERS
 Delivery By : UPS
 Work Order :
 Purchase Order :

Laboratory Analysis

<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Quality Assurance</u>
06/14	0907	BGM	Zinc	0.2210	mg/L		EPA 200.7	Precision & RPD 0.53
								& Recovery 94.1 *

* QA data shown is from a different sample or standard on the same date.

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Signature _____
 Environmental Services Co., Inc.

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Northwest Arkansas Branch
 1107 Century Avenue
 Springdale, AR 72762
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1106010237
 Customer Name : NIDEC MOTOR CORPORATION
 Customer/Permit No. : 478 / Cat pretreatment
 Report Date : 06/15/11

Sample Date : 06/08/11
 Sample Time : 0735
 Sample Type : GRAB WWATER
 Sample From : WASTEWATER

Collected By: EDD MYERS
 Delivery By : UPS
 Work Order :
 Purchase Order :

Laboratory Analysis

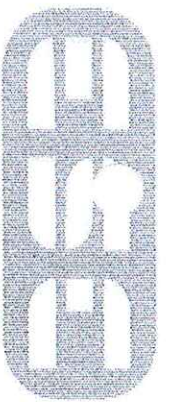
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Quality Assurance</u> Precision & RPD	<u>Accuracy</u> & Recovery
06/14	0907	BGM	Zinc	0.7110	mg/L		EPA 200.7	0.53	94.1 *

* QA data shown is from a different sample or standard on the same date.

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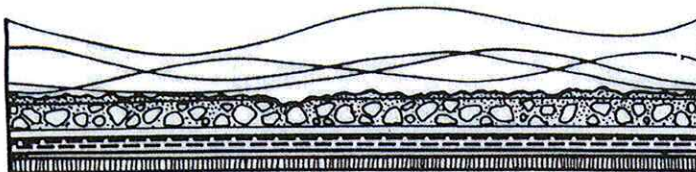
Environmental Services Comp., Inc.
 Northwest Branch
 1107 Century
 Springdale, AR 72764

Phone: 501-221-2565 Fax: 501-221-1341 **CHAIN OF CUSTODY** Phone 479-750-1170 Fax 479-750-1172

Client Information Project Information Requested Parameters

Company Name:	Nidec Motor Corporation	Permit/Project #:	DMR - 632011
Address:	500 N. Morrow Street Mena, AR 71953-2599	Purchase Order #:	
Telephone:	479-394-8757	Work Order #	
FAX:	Mr. Aaron Exley	Sampler Name(s):	Edd Myers
Contact:	479-394-8805	and Signature(s):	<i>Edd Myers</i>
ESC Client Number:	478		

Sample Identification	ESC Control #	Date	Time	Sample Collection		Sample Containers			TTO (81.T organics)	TTO Metals (see comments)	Zn (30.IW) only	Cyanide (9)
				Type	Matrix	Type	Volume	Preservative				
Waste water	1106010237	6/8/2011	7:35	Grab	Wwater	Plastic	1 Liter	HNO3	1		X	
Waste water	1106010238	6/8/2011	8:15	Grab	Wwater	Plastic	1 Liter	HNO3	2		X	
Relinquished By: (Signature and Printed Name) _____ Date _____ Time _____ Received By: (Signature and Printed Name) _____ Date _____ Time _____ <i>Edd Myers</i> 6/8/2011 9:30 Received By: _____ Date _____ Time _____ Relinquished By: (Signature and Printed Name) _____ Date _____ Time _____ Received By: (Signature and Printed Name) _____ Date _____ Time _____ All samples cooled to ≤ 6 degrees C with ice.												
Comments: ZN - Test to EPA 200.7 Received from UPS 6-9-11 @ 1500 by NR												
Flow Data <input checked="" type="checkbox"/> Field Test <input type="checkbox"/> Date 6-9-11 Time 1500 Analyst: _____ Reading: _____ Units: _____ Chlorinated? Y N Fecal Start: _____												
Custody Seals: Used? <input type="checkbox"/> Intact? <input type="checkbox"/> Turnaround: Regular <input type="checkbox"/> Special <input type="checkbox"/> Were samples properly preserved: Yes <input type="checkbox"/> No <input type="checkbox"/>												
This Document is Page ___ of ___												



July 22, 2011

FOR: Nidec Motor Corp
500 N. Morrow Street
Mena, Arkansas 71953

Type of Analysis: Wastewater - Nema Wash

Date Sample Collected: July 6, 2011 Date Sample Received: July 7, 2011
Time Sample Collected: 1:20pm Time Sample Received: 12:03pm
Sample Collected By: Nidec Motor Corp. Sample Received By: C Peterson

Sample #: 20113132 Sample Temperature:

Parameter	Method Number	Date & Time Analyzed		By	Reported* Value	MDL mg/Kg	% Recovery	% RDP
Lead *	EPA 200.7	7/19/2011	1:31pm	AIP	<0.04	0.04	113.0	1.83
Nickel *	EPA 200.7	7/19/2011	1:31pm	AIP	0.36	0.01	112.0	1.65
Cadmium *	EPA 200.7	7/19/2011	1:31pm	AIP	<0.004	0.004	114.0	2.44
Silver *	EPA 200.7	7/19/2011	1:31pm	AIP	<0.007	0.007	118.0	5.21
Chromium *	EPA 200.7	7/19/2011	1:31pm	AIP	<0.007	0.007	102.0	2.37
Copper *	EPA 200.7	7/19/2011	1:31pm	AIP	0.086	0.006	112.0	2.77
Cyanide *	SM 4500-CN C,E	7/19/2011	10:30am	AIP	0.28	0.04	97.4	5.33
Zinc *	EPA 200.7	7/20/2011	6:51pm	AIP	0.057	0.002	83.1	4.16

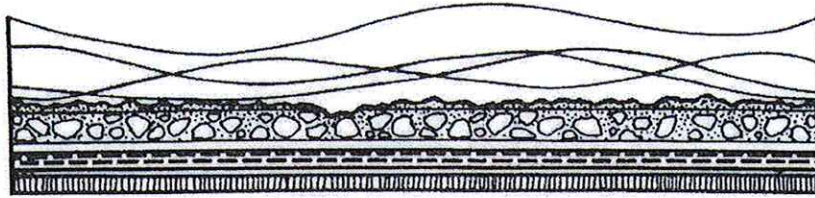
* Sample Analyzed by American Interplex

Reviewed By: *Dolores Shelby*

*All results reported in mg/l unless otherwise indicated.

Method: 18th, 19th, 20th Edition of "Standard Methods for the Examination of Water & Wastewater"
EPA Regulations, 40 CFR, Part 136

Quality control measures such as blanks, spikes & duplicates are performed daily on at least 10% of all sample. Equipment maintenance & calibration is also performed daily under the guidelines of the USEPA."



July 22, 2011

JULY SAMPLE A&L

FOR: Nidec Motor Corp
500 N. Morrow Street
Mena, Arkansas 71953

Type of Analysis: Wastewater - Nema Wash

Date Sample Collected: July 6, 2011 Date Sample Received: July 7, 2011
Time Sample Collected: 1:20pm Time Sample Received: 12:03pm
Sample Collected By: Nidec Motor Corp. Sample Received By: C Peterson

Sample #: 20113132 Sample Temperature:

<u>Parameter</u>	<u>Method Number</u>	<u>Date & Time Analyzed</u>		<u>By</u>	<u>Reported* Value</u>	<u>MDL mg/Kg</u>	<u>% Recovery</u>	<u>% RDP</u>
Lead *	EPA 200.7	7/19/2011	1:31pm	AIP	<0.04	0.04	113.0	1.83
Nickel *	EPA 200.7	7/19/2011	1:31pm	AIP	0.36	0.01	112.0	1.65
Cadmium *	EPA 200.7	7/19/2011	1:31pm	AIP	<0.004	0.004	114.0	2.44
Silver *	EPA 200.7	7/19/2011	1:31pm	AIP	<0.007	0.007	118.0	5.21
Chromium *	EPA 200.7	7/19/2011	1:31pm	AIP	<0.007	0.007	102.0	2.37
Copper *	EPA 200.7	7/19/2011	1:31pm	AIP	0.086	0.006	112.0	2.77
Cyanide *	SM 4500-CN C,E	7/19/2011	10:30am	AIP	0.28	0.04	97.4	5.33
Zinc *	EPA 200.7	7/20/2011	6:51pm	AIP	0.057	0.002	83.1	4.16

* Sample Analyzed by American Interplex

Reviewed By: *Dolores Shelby*

*All results reported in mg/l unless otherwise indicated.

Method: 18th, 19th, 20th Edition of "Standard Methods for the Examination of Water & Wastewater"
EPA Regulations, 40 CFR, Part 136

Quality control measures such as blanks, spikes & duplicates are performed daily on at least 10% of all sample. Equipment maintenance & calibration is also performed daily under the guidelines of the USEPA."

\$433.15

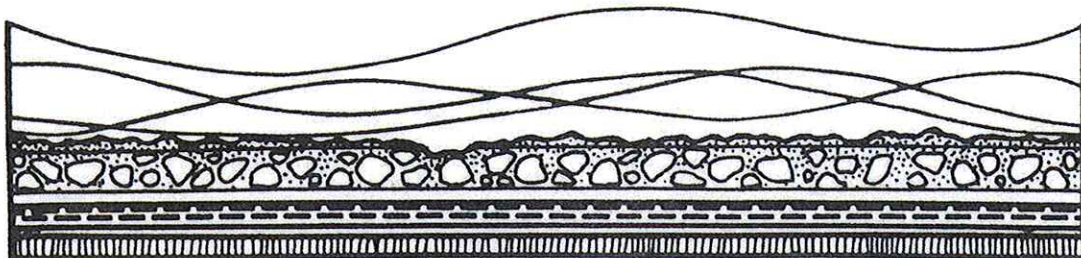
User: U S Electrical Motors Div
POTW: Mena Water & Sewer Dept
Sampling Point: Batch discharge from 40CFR433 wastewater treatment system
Special Sampling Requirement: None
Monitoring Frequency: UEM must sample for each parameter at least once during the six month period

C O N C E N T R A T I O N (mg/l)									
Pollutant	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN ⁴	TTO ⁵
Max for 1 day	0.69	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave	0.26	1.71	2.07	0.43	2.38	0.24	1.48	0.65	****
Frequency	1/6 Mo	1/6 Mo	1/6 Mo	1/6 Mo	1/6 Mo	1/6 Mo	1/6 Mo	1/6 Mo	
Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	

Term of Limits: In accordance with 40CFR433.15 these limits became effective on March 20, 2001 as approved by ADEQ and was deemed void on _____. The term of these limits shall not exceed five years; therefore, these limits shall either be deemed void by ADEQ or expire five years from the effective date (whichever occurs first).

⁴The Cyanide limit applies only if (1) the User declares a cyanide bearing stream and (2) the CIU monitors the cyanide bearing stream before dilution with other streams. If no cyanide is used or generated, the reported value must be the method detection level.

⁵U S Elec Motors may submit a certification in lieu of sampling if desired.



August 24, 2011

FOR: Nidec Motor Corp
500 N. Morrow Street
Mena, Arkansas 71953

Type of Analysis: Washwater

Date Sample Collected: August 1, 2011
Time Sample Collected: 12:30pm
Sample Collected By: Nidec Motor Corp.

Date Sample Received: August 2, 2011
Time Sample Received: 1:00pm
Sample Received By: C Peterson

Sample #: 20113450

Sample Temperature:

<u>Parameter</u>	<u>Method Number</u>	<u>Date & Time Analyzed</u>		<u>By</u>	<u>Reported* Value</u>	<u>MDL mg/Kg</u>	<u>% Recovery</u>	<u>% RDP</u>
Zinc	3111-B	8/23/2011	11:07am	CAP	0.271	0.002	93.2	2.8

Reviewed By: *Dolores Spelby*

*All results reported in mg/l unless otherwise indicated.

Method: 18th, 19th, 20th Edition of "Standard Methods for the Examination of Water & Wastewater"
EPA Regulations, 40 CFR, Part 136

Quality control measures such as blanks, spikes & duplicates are performed daily on at least 10% of all sample. Equipment maintenance & calibration is also performed daily under the guidelines of the USEPA."

Exley, Aaron [NMCA-MEN]

From: Data Testing [water@mwc-engr.com]
Sent: Wednesday, August 24, 2011 11:53 AM
To: Exley, Aaron [NMCA-MEN]
Subject: 8-1_washwater_zinc

August 24, 2011

FOR: Nidec Motor Corp
 500 N. Morrow Street
 Mena, Arkansas 71953

Type of Analysis: Washwater

Date Sample Collected: August 1, 2011
 Time Sample Collected: 12:30pm
 Sample Collected By: Nidec Motor Corp.

Date Sample Received: August 2, 2011
 Time Sample Received: 1:00pm
 Sample Received By: C Peterson

Sample #: 20113450

Sample Temperature:

<u>Parameter</u>	<u>Method Number</u>	<u>Date & Time Analyzed</u>	<u>By</u>	<u>Reported* Value</u>	<u>MDL mg/Kg</u>	<u>% Recovery</u>	<u>% RDP</u>
Zinc	3111-B	8/23/2011 11:07am	CAP	0.271	0.002	93.2	2.8

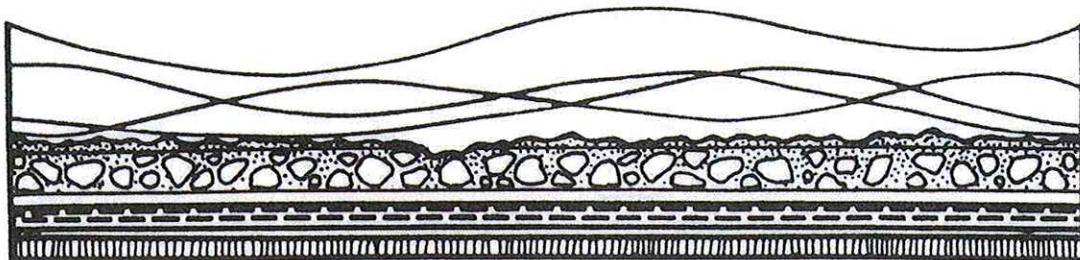
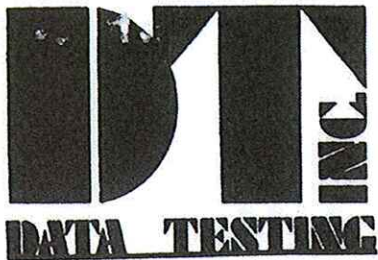
Reviewed By: _____

*All results reported in mg/l unless otherwise indicated.

Method: 18th, 19th, 20th Edition of "Standard Methods for the Examination of Water & Wastewater"
 EPA Regulations, 40 CFR, Part 136

Quality control measures such as blanks, spikes & duplicates are performed daily on at least 10% of all sample. Equipment maintenance & calibration is also performed daily under the the

8/24/2011



August 24, 2011

FOR: Nidec Motor Corp
500 N. Morrow Street
Mena, Arkansas 71953

Type of Analysis: Washwater

Date Sample Collected: August 8, 2011
Time Sample Collected: 10:00am
Sample Collected By: Nidec Motor Corp.

Date Sample Received: August 10, 2011
Time Sample Received: 2:00pm
Sample Received By: C Peterson

Sample #: 20115576

Sample Temperature:

<u>Parameter</u>	<u>Method Number</u>	<u>Date & Time Analyzed</u>		<u>By</u>	<u>Reported* Value</u>	<u>MDL mg/Kg</u>	<u>% Recovery</u>	<u>% RDP</u>
Zinc	3111-B	8/23/2011	11:08am	CAP	0.070	0.002	93.2	2.8

Reviewed By: *Dolores Shelby*

*All results reported in mg/l unless otherwise indicated.

Method: 18th, 19th, 20th Edition of "Standard Methods for the Examination of Water & Wastewater"
EPA Regulations, 40 CFR, Part 136

Quality control measures such as blanks, spikes & duplicates are performed daily on at least 10% of all sample. Equipment maintenance & calibration is also performed daily under the guidelines of the USEPA."

Exley, Aaron [NMCA-MEN]

From: Data Testing [water@rwwc-engr.com]
Sent: Wednesday, August 24, 2011 11:54 AM
To: Exley, Aaron [NMCA-MEN]
Subject: 8/8_washwater_zinc

August 24, 2011

FOR: Nidec Motor Corp
 500 N. Morrow Street
 Mena, Arkansas 71953

Type of Analysis: Washwater

Date Sample Collected: August 8, 2011
 Time Sample Collected: 10:00am
 Sample Collected By: Nidec Motor Corp.

Date Sample Received: August 10, 2011
 Time Sample Received: 2:00pm
 Sample Received By: C Peterson

Sample #: 20115576

Sample Temperature:

<u>Parameter</u>	<u>Method Number</u>	<u>Date & Time Analyzed</u>	<u>By</u>	<u>Reported* Value</u>	<u>MDL mg/Kg</u>	<u>% Recovery</u>	<u>% RDP</u>
Zinc	3111-B	8/23/2011 11:08am	CAP	0.070	0.002	93.2	2.8

Reviewed By: _____

*All results reported in mg/l unless otherwise indicated.

Method: 18th, 19th, 20th Edition of "Standard Methods for the Examination of Water & Wastewater"
 EPA Regulations, 40 CFR, Part 136

Quality control measures such as blanks, spikes & duplicates are performed daily on at least 10% of all sample. Equipment maintenance & calibration is also performed daily under the the

8/24/2011

Exley, Aaron [NMCA-MEN]

From: Data Testing [water@mwc-engr.com]
Sent: Monday, October 03, 2011 4:24 PM
To: Exley, Aaron [NMCA-MEN]
Subject: 9/20_wastewater_zinc

October 3, 2011

FOR: Nidec Motor Corp
 500 N. Morrow Street
 Mena, Arkansas 71953

Type of Analysis: Wastewater Sample

Date Sample Collected: September 20, 2011
 Time Sample Collected: 10:15am
 Sample Collected By: Nidec Motor Corp.

Date Sample Received: September 21, 2011
 Time Sample Received: 11:55am
 Sample Received By: C Peterson

Sample #: 20116775

Sample Temperature:

<u>Parameter</u>	<u>Method Number</u>	<u>Date & Time Analyzed</u>	<u>By</u>	<u>Reported* Value</u>	<u>MDL mg/Kg</u>	<u>% Recovery</u>	<u>% RDP</u>
Zinc	3111-B	9/28/2011 10:34am	CAP	0.084	0.002	81.4	1.19

Reviewed By: _____

*All results reported in mg/l unless otherwise indicated.

Method: 18th, 19th, 20th Edition of "Standard Methods for the Examination of Water & Wastewater"
 EPA Regulations, 40 CFR, Part 136

Quality control measures such as blanks, spikes & duplicates are performed daily on at least 10% of all sample. Equipment maintenance & calibration is also performed daily under the the



Data Testing, Inc.
 3434 Country Club
 P. O. Box 1507
 Fort Smith, Arkansas 72902
 79) 649-8378 Fax (479) 649-8486

Company Name:		Nidel Motor Corp.		Phone #:		479-394-8741												
Address:		500 N. Morrow St.		Fax #:		479-394-8888												
Project Name or Number:		OMR - WASTE WATER		Purchase Order #:														
Sampling Personnel Signature(s):		Edd Myers		Printed:		Edd Myers												
Sample I.D.	Date	Time	Comp.	Cont. Type		# of Containers	Method Preserved							Sample Matrix	Requested Analysis	Laboratory Control Number	Remarks	
				Grab	Plast.		Glass	H2SO4	HNO3	NAOH	HCL	Ice	None					Water
WASTE WATER	9-20-11	10:15	X	X		1	X											X ZINC
Relinquished by:		Edd Myers		Date:		9-20-11		Time:		10:45		Relinquished by:		Date:		Time:		
Received by:		Edd Myers		Date:				Time:				Received by:		Date:		Time:		
Relinquished by:				Date:				Time:				Received by Laboratory:		Date:		Time:		
Comments:																		