



ARP000024 57-66067

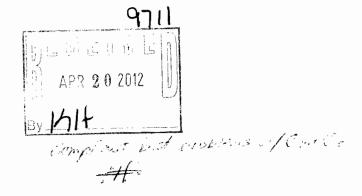


April 18, 2012

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 for the period 10/1/2011 - 3/31/2012.

We have made a couple of changes to our waste water treatment system in this period to improve our reliability and consistency. We installed a pH monitor to the first tank and a chemical pump to control the batch pH at this stage. A paddle mixer was also installed to mix the batch to improve precipitation replacing the pump. The first tank has also been replaced with a cone bottom tank of the same size to help move the complete batch of material to the next step in the process. The flat bottom tank always held a few gallons of material which would get mixed in with the next batch.

I would also like to explain some of the data in my Lab Results. The new Alkota washer put on line in the last DMR report, which replaced the OSI Parts Washer, had the first batch processed in December of 2011. Since the process was new we handled the batch special; (a) testing the raw material; (b) a pass at precipitation of the batch; and (c) a second pass at precipitation of the batch. I will include all the testing data for full disclosure, but only the second pass precipitation batch was dumped to the POTW. I will report on those numbers only.





We also test the immersion tank in our winding department. This is a process used to spray water over a stator core while energized to detect a short in a wet environment. We tested the water raw and then processed it through the pretreatment system. The water from this system should pass the current requirements without going through the pretreatment system, but there was some confusion on what testing was required resulting in the copper and cyanide being left out and zinc being tested a second time on the same water. We have corrected this with a chain of custody that is filled out in advance indicating what testing is required. With details currently coming out about the Mena City Water Ordinance, we will want to understand how these changes will affect our reporting for the next period.

Sincerely,

Aaron Exley

CC: Mike Spencer - Mena POTW

Matt Cannon - Mena POTW

Randy Wiseman - Nidec

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

Use of this form is <u>not</u> an EPA/ADEQ requirement.	Attn: Water Div/NPDES Pretreatment
(1) IDENTIFYING INFORMATION	
LEGAL NAME & MAILING ADDRESS	B. FACILITY & LOCATION ADDRESS
Nidec Motor Corporation 500 North Morrow Street Mena, AR 71953	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 Se	p 30 (Both Semi-Annual Reports must cover Fiscal Year)
A. MONTHS WHICH REPORTS ARE DUE	B. PERIOD COVERED BY THIS REPORT
Apr - Oct	FROM Oct 2011 TO: Mar 2012
(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. See cover letter.
C. Number of Regular Employees at this Facility 352	D. [Reserved]

40CFR433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: Nidec Motor Corporation-Mena

(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	xxxxxxxx

[&]quot;Unregulated" has a precise legal meaning; see 40CFR403.6(e).

	SURE		

A. TYPE OF TREATMENT SYSTEM	B. COMMENTS ON TREATMENT SYSTEM
CHECK EACH APPLICABLE BLOCK	
 □ Neutralization □ Chemical Precipitation and Sedimentation □ Chromium Reduction □ Cyanide Destruction □ Other □ None 	,

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSESCORE & 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	тто
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	0.017	0.024	0.17	<0.04	0.52	<0.007	0.44	0.18	TOMP
Ave Measured	0.017	0.024	0.17	<0.04	0.52	<0.007	0.44	0.18	TOMP

40CFR433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: Nidec Motor Corporation-Mena 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. Several other samples taken for development of test procedures and 3 for Zinc 40CFR136 Preservation and Analytical Methods Use: ✓ Yes ☐ No (6) CERTIFICATION A. CYANIDE CERTIFICATION (Applicability Pending) [Reserved] B. CHECK ONE: [1] §433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED X §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)

Page 3 of 4

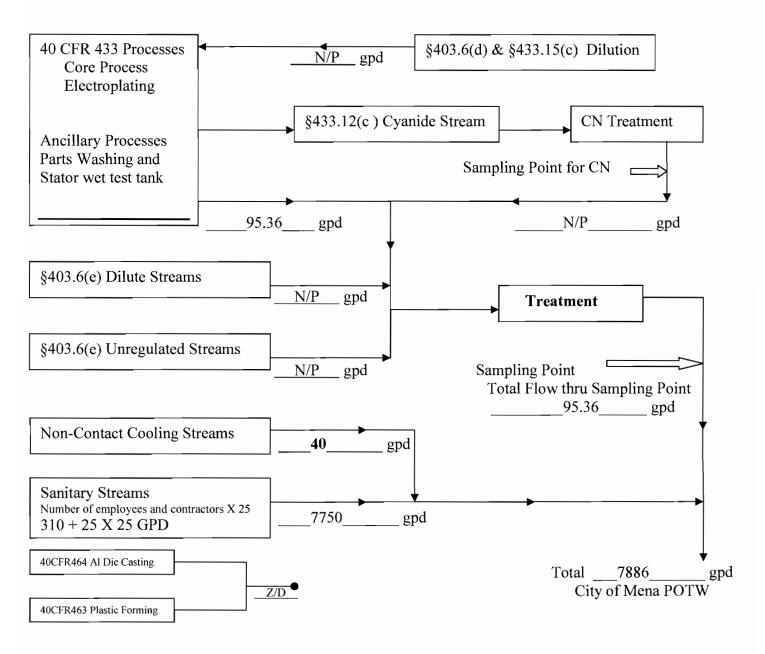
CORPORATE ACKNOWLEDGEMENT (Optional)

40CFR433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: _Nidec Motor Corporation-Mena

	ore me, the undersigned authority, on this day person		
ack	of	ooses and considerations the	
Giv	en under my hand and seal of office on this	day of	, 200
	Notary Public in and for County, Arkansas		
Му	commission expires	· · · · · · · · · · · · · · · · · · ·	
An Article	n Prevention ACT OF 1990 [42 U.S.C. 13101		
OLLUTIO \$6602 [42 U.S. whenever feasi	N PREVENTION ACT OF 1990 [42 U.S.C. 13101 of the Congress hereby declares it to be to ble; pollution that cannot be prevented should be recycled in an environmentally safe man	te seq.] The national policy of the United States that pollutioner, whenever feasible; pollution that cannot be	e prevented or recycled should be treated in
Secol [42 U.S. whenever feasi environmental	N PREVENTION ACT OF 1990 [42 U.S.C. 13101 of the Congress hereby declares it to be the congress it is to be the congress it is a congress it is a congress in the congress it is a congre	et seq.] The national policy of the United States that pollulations, whenever feasible; pollution that cannot build be employed only as a last resort and should	e prevented or recycled should be treated in
Secol [42 U.S. whenever feasi environmental	N PREVENTION ACT OF 1990 [42 U.S.C. 13101 of the Congress hereby declares it to be the congress hereby declares it to be the configuration that cannot be prevented should be recycled in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be recycled.	et seq.] The national policy of the United States that pollulations, whenever feasible; pollution that cannot build be employed only as a last resort and should	e prevented or recycled should be treated in
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Seenz (42 U.S. whenever feasi environmental	N PREVENTION ACT OF 1990 [42 U.S.C. 13101] C. 13101] Findings and Policy para (b) Policy.—The Congress hereby declares it to be the ble; pollution that cannot be prevented should be recycled in an environmentally safe muly safe manner whenever feasible; and disposal or other release into the environment show list any new or ongoing Pollution Prevention pract Continued maintenance of RPZ valves. Chemical precipitation of regulated streams prior to Floor drains in manufacturing areas sealed. Containment area in Environmental Area	ne national policy of the United States that pollutioner, whenever feasible; pollution that cannot build be employed only as a last resort and should ices: discharge.	e prevented or recycled should be treated in be conducted in an environmentally safe m

(8) GENERAL COMMENTS

40CFR433 SEMI-ANNUAL REPORT CON'D FACILITY	Y NAME: <u>Nidec Motor Corporation-Mena</u>
N/A	
(9) SIGNATORY REQUIREMENTS [40CFR403.12(I)] I certify under penalty of law that I have personally examine and all attachments were prepared under my direction or su	
that qualified personnel properly gather and evaluate the interpersons who manage the system, or those persons directly resubmitted is, to the best of my knowledge and belief, true, ac penalties for submitting false information, including the poss	formation submitted. Based on my inquiry of the person or sponsible for gathering the information, the information curate, and complete. I am aware that there are significant
Mark Kinder NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATION	
Plant Manager 4-13-20/ OFFICIAL TITLE DATE SIGNED	12



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.

Signature of §403.12(b) Professional 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.

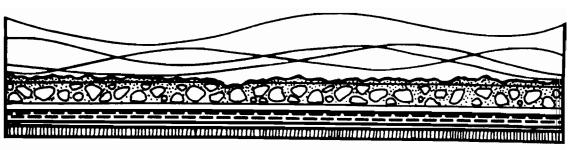
Plant Manager or the authorized §403.12(1) official

Date
UEM_Diagram.doc (08-06-2002)

Lab Result for Testing Period Oct - Mar 2012

	Lead	Nickel	Cadmium	Silver	Chromium	Copper	Cyanide	Zinc	Lab & Notes				
Max for 1 day Limit	69'0	3.98	69'0	0.43	2.77		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													
] 10 10 10000	DT		Carrousel	isel	
8-Dec <.04	<.04	0.29	0.29 <0.004	<.0.007	0.095	0.48	0.11	2.7	2.7 American Interplex Raw	Raw	Alkota	Same waste water before, after	New process, had to
1. 人名印德斯特勒 公司					1000年	1	Suppose of	1	Company of Statement Company		1.00		make adjustments for
												reprocessing.	best precipitation.
					The second second							Water tested before treatment	
												found to be compliant/ Missed	
												Copper due to immproperly filled Form made so metals do	Form made so metals do
												out Chain of custody.	not have to be called out.
												Edd tested the same water for	
												Zinc	
		一 透透	Section of the second			100 C 100 C	100 300 400						
Max for 1 day								1000					
Monthly Ave													
Do Not Report	This water	s straight f	This water is straight from the tank so we could understan	so we coul	d understan	d the amou	nt of Zinc in	the water t	d the amount of Zinc in the water before precipitation				
問題というではい	All Test taken were within Limits	en were wi	thin Limits										
	Batch was	held and n	Batch was held and not dumped to POTW	POTW									





October 25, 2011

FOR: Nidec Motor Corp

500 N. Morrow Street Mena, Arkansas 71953

Type of Analysis: Wastewater Sample

Date Sample Collected: October 4, 2011 Date Sample Received: October 5, 2011

Time Sample Collected: 10:30am Time Sample Received: 2:30pm Sample Collected By: Nidec Motor Corp. Sample Received By: C Peterson

Sample #: 20117011 Sample Temperature:

<u>Parameter</u>	Method Number	Date & T <u>Analyz</u>		By	Reported* <u>Value</u>	MDL mg/Kg	% Recovery	% <u>RDP</u>
Zinc	3111-B	10/24/2011	1:55pm	CAP	0.306	0.002	93.8	1.3

Reviewed By:

Dolores Shelly

*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."

	Aaron [NMC							
From: Sent: To: Subject								
October 2	25, 2011							
FOR:		or Corp rrow Street ansas 71953						
Гуре of A	Analysis:	Wastewater Sa	ample					
Time San	aple Collected: aple Collected: Collected By:				Date Sample R Time Sample F Sample Receiv	Received:	October 5, 2 2:30pm C Peterson	2011
Sample #	: 20117011	1			Sample Tempe	rature:		
Paramet	Method ter Number	Date & 7 Analyz		By	Reported* <u>Value</u>	MDL mg/Kg	% Recovery	% <u>RDP</u>
Zinc	3111-B	10/24/2011	1:55pm	CAP	0.306	0.002	93.8	1.3

Reviewed By:	

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

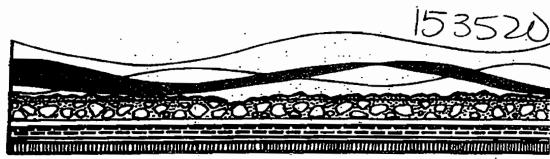
^{*}All results reported in mg/l unless otherwise indicated.

INTERNATION OF THE PROPERTY OF

Data Testing, Inc. 3434 Country Club P. O. Box 1507 Fort Smith, Arkansas 72902 179) 649-8378 Fax (479) 649-8486

Company Name:							Phone #:								Н		Re	dues	ted A	Requested Analysis	s				
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CHAIN OF CUSTODY RECORD

Date: 12-12-11

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	waster #4								
2	". " #5	12/8	1009		V	NaoH	ρ	1	cyonide
	!								
3	Altorca parts	12/8	1005		1	HWS.3	P	1	Cdi Cr. Cu ADI Ni Ag
	uasher #2								20
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DATA TENTING

Data Testing, Inc. 3434 Country Club P. O. Box 1507 Fort Smith, Arkansas 72902 179) 649-8378 Fax (479) 649-8486

Company Name:			Rednes	Requested Analysis		Tag Sag Sag Sag Sag Sag Sag Sag Sag Sag S
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Fax#:		The state of the s				
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Project Name or Number:	ler #:			.70	Laboratory	
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Sample I.D. Date Time Pp. # of # of Octainers	HVSSO4	Vater Soil Air Sludge	Suspend Suspend Suspend CBOD	Fecal C 777 7 2 4		3140100000
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Received by:	Date: / Time:	Received by:			Date:	Time:
Relinquished by:	Date: Time:	Received by Laboratory:	Laboratory:		Date:	Time:
Comments: TTO MOTHUS 40 CFR 433 TEST Procedures	CHANDER (CD (48 IW)), CK (A4. IW) CU (A9 IW), PB (82. ID) Nit	48 #W)), CKC	(अय.भ×	on (29 tw), ph(82.7	1. W.C.
dam of the state o						



Data Testing, Inc. Post Office Box 1507 Fort Smith, AR 72902

ANALYTICAL RESULTS

AIC No. 153520-1

Sample Identification: Treated Waste Water Alkota Parts Washer #5 12/8/11 1009

Analyte		Result	RL	Units	Qualifier
Cadmium EPA 200.7	Prep: 13-Dec-2011 1451 by 271	< 0.004 Analyzed: 15-De	0.004 ec-2011 1423 by 297	mg/l Batch: S31389	
Chromium EPA 200.7	Prep: 13-Dec-2011 1451 by 271	0.083 Analyzed: 15-De	0.007 ec-2011 1423 by 297	mg/l Batch: S31389	
Copper EPA 200.7	Prep: 13-Dec-2011 1451 by 271	0.44 Analyzed: 15-De	0.006 ec-2011 1423 by 297	mg/l Batch: S31389	
Lead EPA 200.7	Prep: 13-Dec-2011 1451 by 271	< 0.04 Analyzed: 15-De	0.04 ec-2011 1423 by 297	mg/l Batch: S31389	
Nickel EPA 200.7	Prep: 13-Dec-2011 1451 by 271	0.27 Analyzed: 15-De	0.01 ec-2011 1423 by 297	mg/l Batch: S31389	
Silver EPA 200.7	Prep: 13-Dec-2011 1451 by 271	< 0.007 Analyzed: 15-De	0.007 ec-2011 1423 by 297	mg/l Batch: S31389	
Zinc EPA 200.7	Prep: 13-Dec-2011 1451 by 271	1.9 Analyzed: 15-De	0.002 ec-2011 1423 by 297	mg/l Batch: S31389	

AIC No. 153520-2

Sample Identification: Treated Waste Water Alkota Parts Washer #4 12/8/11 1009

Analyte		Result	RL	<u>Units</u>	Qualifier
Total Cyanide		0.13	0.01	mg/l	
SM4500-ČN C.E	Prep: 15-Dec-2011 1409 by 302	Analyzed: 15-Dec	-2011 1827 by 302	Batch: W38369	

AIC No. 153520-3

~ Sample Identification: Raw Waste Water Alkota Parts Washer #3 12/8/11 1005

Analyte		Result	RL	Units	Qualifier
Cadmium EPA 200.7	Prep: 13-Dec-2011 1451 by 271	< 0.004 Analyzed: 15-Dec-2	0.004 2011 1426 by 297	mg/l Batch: S31389	
Chromium EPA 200.7	Prep: 13-Dec-2011 1451 by 271	0.095 Analyzed: 15-Dec-2	0.007 2011 1426 by 297	mg/l Batch: S31389	
Copper EPA 200.7	Prep: 13-Dec-2011 1451 by 271	0.48 Analyzed: 15-Dec-2	0.006 2011 1426 by 297	mg/l Batch: S31389	
Lead EPA 200.7	Prep: 13-Dec-2011 1451 by 271	< 0.04 Analyzed: 15-Dec-2	0.04 2011 1426 by 297	mg/l Batch: S31389	
Nickel EPA 200.7	Prep: 13-Dec-2011 1451 by 271	0.29 Analyzed: 15-Dec-2	0.01 2011 1426 by 297	mg/l Batch: S31389	
Silver EPA 200.7	Prep: 13-Dec-2011 1451 by 271	< 0.007 Analyzed: 15-Dec-2	0.007 2011 1426 by 297	mg/l Batch: S31389	
Zinc EPA 200.7	Prep: 13-Dec-2011 1451 by 271	2.7 Analyzed: 15-Dec-2	0.002 2011 1426 by 297	mg/l Batch: S31389	



December 16, 2011 Control No. 153520 Page 4 of 6

Data Testing, Inc. Post Office Box 1507 Fort Smith, AR 72902

ANALYTICAL RESULTS

AIC No. 153520-4

Sample Identification: Raw Waste Water Akota Parts Washer #2 12/8/11 1005

 Analyte
 Result
 RL
 Units
 Qualifier

 Total Cyanide SM4500-CN C,E
 Prep: 15-Dec-2011 1409 by 302
 0.11
 0.01
 mg/l Analyzed: 15-Dec-2011 1829 by 302
 Batch: W38369

Exley, Aaron [NMCA-MEN]

From: Data Testing [water@mwc-engr.com] Sent: Friday, December 30, 2011 8:35 AM

To: Exley, Aaron [NMCA-MEN]

Subject: Washwater_12-22

December 30, 2011

FOR:

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

Type of Analysis:

Wash Water

Date Sample Collected: December 22, 2011

Time Sample Collected: 9:45am

Sample Collected By: Nidec Motor Corp.

Date Sample Received: December 23, 2011

Time Sample Received: 3:26pm Sample Received By:

C Peterson

Sample #:

20118408

Sample Temperature:

Parameter	Method Number	Date & T		<u>By</u>	Reported* <u>Value</u>	MDL mg/Kg	% Recovery	% <u>RDP</u>
Lead *	EPA 200.7	12/28/2011	6:49pm	AlP	< 0.04	0.04	90.7	0.397
Nickel *	EPA 200.7	12/29/2011	10:21am	AIP	0.24	0.01	90.3	0.636
Cadmium *	EPA 200.7	12/28/2011	6:49pm	AIP	< 0.004	0.004	94.0	0.754
Silver *	EPA 200.7	12/28/2011	6:49pm	AIP	< 0.007	0.007	94.3	1.46
Chromium *	EPA 200.7	12/28/2011	6:49pm	AIP	< 0.007	0.007	94.3	1.46
Copper *	EPA 200.7	12/28/2011	6:49pm	AIP	0.11	0.006	90.8	0.769
Cyanide *	SM 4500- CN C,E	12/29/2011	8:18am	AIP	0.077	0.04	98.3	0.0
Zinc *	EPA 200.7	12/28/2011	6:49pm	AIP	0.44	0.002	90.9	0.345

^{*} Sample Analyzed by American Interplex

Reviewed By:	
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*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

3434 Country Club P. O. Box 1507

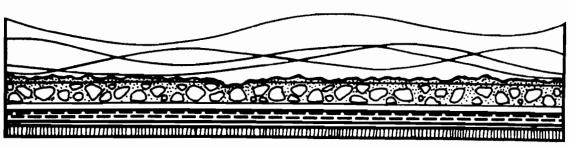
Data Testing, Inc.

Fort Smith, Arkansas 72902 3378 Fax (479) 649-8486

179) 649-8378

Remarks Time: Time: Time: Laboratory Control Number Date: Date: Date $\frac{2}{2}$ Requested Analysis 901M AND 5 Y 13(N Fecal Coliform Suspended Solids Received by Laboratory: METALS CA, CR, CU, Pt, Nº, Ag JEN sinommA Relinquished by: CBOD Received by: Other Sample Matrix agbula ٦iA 146-364-8741 71953 lios Edd Myers 7:33 Vater anoM Time: Time: Time: ဆ НСГ HOAN Printed RONH Date: MENA AR Purchase Order #: Date: BATCH +SSO¢ Containers Phone #: jo # Fax#: Cont. Type Class # Jsel9 SOO N. MORROW ST. COMMENTS: EPA 260.7 METNOD K Grab NIDEC MOTOR CORP ALKOTA WASHER Comp. UNSh WHIEV # 2 (12/24)1 9:46 24:45 9:45 Time Date Sampling Personnel Signature(s): Chain of Custody Form xls xls 2 dd Mysua wash worker #1 Project Name or Number: Sample I.D. Company Name: Relinquished by: Relinquished by Received by:





January 26, 2012

IMMERSION TANK

FOR:

Nidec Motor Corp

500 N. Morrow Street Mena, Arkansas 71953

Type of Analysis:

Raw Water # 1

Date Sample Collected:

January 16, 2012

Time Sample Collected: 8:15am Sample Collected By:

Nidec Motor Corp.

Sample #:

20120257

Date Sample Received: January 17, 2012

Time Sample Received:

2:15pm

No Calder

Sample Received By: D Shelby

Sample Temperature:

<u>Parameter</u>	Method Number	Date & Analyz	-	By	Reported* Value	MDL mg/Kg	% Recovery	% <u>RDP</u>
Lead *	EPA 200.7	1/23/2012	3:13pm	AIP	< 0.04	0.04	94.3	3.31
Nickel *	EPA 200.7	1/23/2012	3:13pm	AIP	<0.01	0.01	96.8	3.50
Cadmium *	EPA 200.7	1/23/2012	3:13pm	AIP	<0.004	0.004	96.1	3.15
Silver *	EPA 200.7	1/23/2012	3:13pm	AIP	< 0.007	0.007	101.0	2.85
Chromium *	EPA 200.7	1/23/2012	3:13pm	AIP	< 0.007	0.007	95.6	3.45
Zinc *	EPA 200.7	1/13/2012	3:13pm	AIP	0.18	0.002	101.0	4.65

^{*} Sample Analyzed by American Interplex

Reviewed By:

Dolow Sholly

Method:

18th, 19th, 20th Edition of "Standard Methods for the Examination of Water & Wastewater"

EPA Regulations, 40 CFR, Part 136

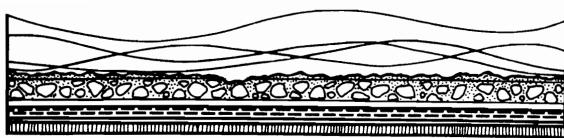
Quality control measures such as blanks, spikes & duplicates are performed daily on at least 10% of all sample. Equipment maintenance & calibration is also performed daily under the guidelines of the USEPA."

I DISCUSSED THE MISSING COPPER WITH DALBRIS AT DT. SHE CHECKED BUT THE SAMPLE WAS NO LONGER AVAILABLE. IT CHAIN OF CUSTODY PRPER. WORK SHOWS IT WAS NOT LISTED BY EXT TO BE TOTED B 4/11/2012

3434 COUNTRY CLUB · FORT SMITH, AR 72903 · (479) 649-8378 EDD KNOWS HE MUST SPELL OUT EXCN MEINL TO BE TESTED.

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





IMMERSION

January 26, 2012

FOR:

Nidec Motor Corp

500 N. Morrow Street Mena, Arkansas 71953

Type of Analysis:

Raw Water # 2

Date Sample Collected:

January 16, 2012

Time Sample Collected: 8:20am

Sample Collected By:

Nidec Motor Corp.

Sample #:

20120258

Date Sample Received:

January 17, 2012

Time Sample Received:

Sample Received By: D Shelby

2:15pm

Sample Temperature:

<u>Parameter</u>	Method <u>Number</u>	Date & Analyz		<u>By</u>	Reported* <u>Value</u>	MDL mg/Kg	% Recovery	% <u>RDP</u>
Zinc *	EPA 200.7	1/23/2012	3:16pm	AIP	0.18	0.002	101.0	4.65

* Sample Analyzed by American Interplex

EDD HAD THE ZINC TESTED 2 TIME ON THE BUNNERS ANDS THE TEST TROCES DURES BETTER. AZ ZHEBS LA UNIVERS ANDS THE

7652 TROLES DURES BUTTER. *All results reported in mg/l unless otherwise indicate

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."

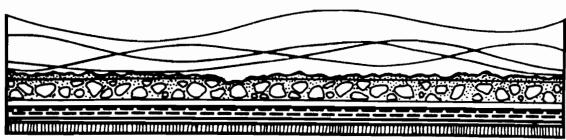
IMMERSION TANK

Data Testing, Inc. 3434 Country Club P. O. Box 1507

Fort Smith, Arkansas 72902 179) 649-8378 Fax (479) 649-8486

Remarks Time: Time: Time: Laboratory Control Number Date Date Date: Requested Analysis META Fecal Coliform spilos bebnedaus Received by Laboratory: **einomm**A Relinquished by CBOD Received by: Metabs, CD, CR, Pb, Ni, As, ZX Other Sample Matrix Sludge ٦iA 479-394-8888 Purchase Order #: 10:00 AM lios 479-354-874 Edd Myers Water Method Preserved None Time: Time: 90 HCF HOAN Printed HIOS Date HSSO4 Containers ŏ # Phone # Fax # Cont. Type Class × EPA 200,7 Method Plast. Z Grab × MoreH Ar Comp. 8AW WATER # 2/16/17 8:36 1/16/12 8:15 <u>Time</u> Motor Corp Date 500 N. MOry DE ST. Dip TANK Sampling Personnel Signature(s): Chain of Custady Earn xls xls 7 Fold Mysura. Received by: Project Name or Number: RAW WATER Sample I.D. Company Name: Relinquished by: Relinquished by: Wides. Comments:





February 23, 2012

FOR:

Nidec Motor Corp

500 N. Morrow Street Mena, Arkansas 71953

Type of Analysis:

Wastewater

Date Sample Collected:

February 13, 2012

Date Sample Received:

February 15, 2012

Time Sample Collected:

10:50am-10:52am

Time Sample Received:

10:40am

Sample Collected By:

Nidec Motor Corp.

Sample Received By:

D Shelby

Sample #:

20127122

Sample Temperature:

<u>Parameter</u>	Method Number	Date & Analy		Ву	Reported* <u>Value</u>	MDL mg/Kg	% Recovery	% RDP
Cadmium *	EPA 200.8	2/20/2012	8:42pm	AIP	0.017	0.004	107.0	1.36
Chromium *	EPA 200.8	2/20/2012	8:42pm	AIP	0.0085	0.007	107.0	0.402
Copper *	EPA 200.8	2/20/2012	10:42am	AIP	0.17	0.006	102.0	6.1
Cyanide *	SM4500 CN C, E	2/20/2012	8:42pm	AIP	0.18	0.04	94.3	6.90
Lead *	EPA 200.8	2/20/2012	8:42pm	AIP	< 0.04	0.04	109.0	0.964
Nickel *	EPA 200.8	2/20/2012	8:42pm	AIP	0.52	0.01	109.0	0.494
Silver *	EPA 200.8	2/20/2012	8:42pm	AIP	< 0.007	0.007	91.0	2.44
Zinc *	EPA 200.8	2/20/2012	8:42am	AIP	0.41	0.002	102.0	0.876

^{*} Sample Analyzed by American Interplex

alored Shelly Reviewed By:

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."

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

Exley, Aaron [NMCA-MEN]

From: Sent:

Data Testing [water@mwc-engr.com] Thursday, February 23, 2012 12:10 PM

To:

Exley, Aaron [NMCA-MEN] Subject: 2/13_wastewater

February 23, 2012

FOR:

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

Type of Analysis:

Wastewater

Date Sample Collected: February 13, 2012 Time Sample Collected: 10:50am-10:52am

Sample Collected By: Nidec Motor Corp.

Date Sample Received: February 15, 2012

Time Sample Received: 10:40am Sample Received By: D Shelby

Sample #:	20127122				Sample Temper	rature:		
Parameter	Method Number	Date & 7		Ву	Reported* <u>Value</u>	MDL mg/Kg	% Recovery	% <u>RDP</u>
Cadmium *	EPA 200.8	2/20/2012	8:42pm	AIP	0.017	0.004	107.0	1.36
Chromium *	EPA 200.8	2/20/2012	8:42pm	AIP	0.0085	0.007	107.0	0.402
Copper *	EPA 200.8	2/20/2012	10:42am	AIP	0.17	0.006	102.0	6.1
Cyanide *	SM4500 CN C, E	2/20/2012	8:42pm	AIP	0.18	0.04	94.3	6.90
Lead *	EPA 200.8	2/20/2012	8:42pm	AIP	< 0.04	0.04	109.0	0.964
Nickel *	EPA 200.8	2/20/2012	8:42pm	AIP	0.52	0.01	109.0	0.494
Silver *	EPA 200.8	2/20/2012	8:42pm	AIP	<0.007	0.007	91.0	2.44
Zinc *	EPA 200.8	2/20/2012	8:42am	AIP	0.41	0.002	102.0	0.876

^{*} Sample Analyzed by American Interplex

Reviewed By:

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

18th, 19th, 20th Edition of "Standard Methods for the Examination of Water & Wastewater" Method:

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

2/23/2012

MATA THE PART OF T

Data Testing, Inc. 3434 Country Club P. O. Box 1507 Fort Smith, Arkansas 72902 179) 649-8378 Fax (479) 649-8486

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Address:						ir	ax#:												· · · · · ·	,	 ,		
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