

AG5BG 176



57-00067
ARPO00026



Aaron Exley
Environmental, Health &
Safety Manager

5/19/2011

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



8979
returned to compliance &
normal semi-annual reports
AB

Dear Mr. Gilliam and Ms. Timmons,

This is in response to your email of May 9, 2011 and an update on Nidec's efforts to resolve its issue with exceedances of the federal metal finishing standards at 40 CFR 433.15 for Zinc (Zn).

As discussed in Nidec's April 29, 2011 correspondence to you, Nidec contracted with HarChem Water Services to identify the cause of and resolve the zinc issue. HarChem has examined our processes, conducted bench tests, and made changes to our treatment process to improve the precipitation of zinc from our wastewater. The actions included cleaning our system, changing techniques on pH adjustment, changing coagulant, changing the method of introduction of the coagulant to the batch, and changing our process transferring water to the final tank, removing the precipitated material first then transferring to tank 3.

We tested waste water batches for zinc on May 3rd and May 5th. The test results for these batches were .311 mg/L and .061 mg/L respectively, well within the daily maximum and monthly average limits for zinc. The sampling results are enclosed.

We believe that our actions have corrected the problems with our wastewater treatment process and resolved our zinc issue. Since our sampling demonstrates Nidec's return to compliance, it is our understanding that we are no longer subject to the monthly reporting obligation set out in your May 9th letter.

Sincerely,
Aaron Exley
Aaron Exley

Enclosures

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

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

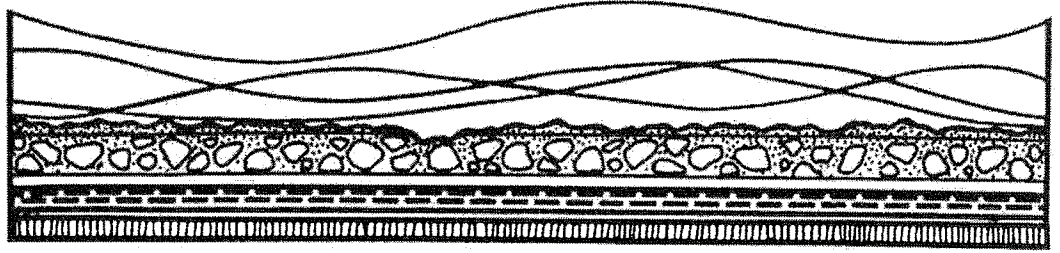


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Environmental, Health &
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ADEQ Water Division, NPDES Enforcement [Reference: Central Files (AR0036692)]

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May 11, 2011

FOR: Har Chem
P. O. Box 310
Muldrow, Oklahoma 74948

Type of Analysis: Water Sample

Date Sample Collected: May 5, 2011 Date Sample Received: May 6, 2011
Time Sample Collected: 3:30pm Time Sample Received: 4:25pm
Sample Collected By: Har Chem Sample Received By: C Peterson

Sample #: 20112024 Sample Appearance:

<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	5/11/2011	1:32pm	CAP	0.311	0.002	95.0	0.44

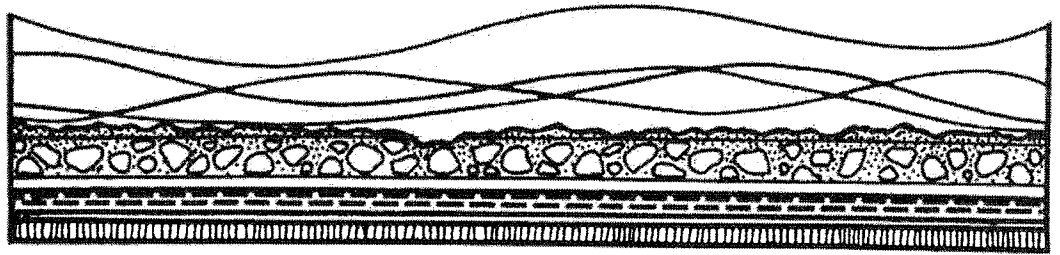
OK Lab #7704

Reviewed By: *Bolow 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."



May 11, 2011

FOR: Har Chem
P. O. Box 310
Muldrow, Oklahoma 74948

Type of Analysis: Water Sample

Date Sample Collected: May 6, 2011
Time Sample Collected:
Sample Collected By: Har Chem

Date Sample Received: May 11, 2011
Time Sample Received: 11:02am
Sample Received By: C Peterson

Sample #: 20112075

Sample Appearance:

<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	5/11/2011	1:35pm	CAP	0.061	0.002	95.0	0.44

OK Lab #7704

Reviewed By:

Deborah 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."