ADEQ

A R K A N S A S
Department of Environmental Quality

September 2, 2011

Roger Moore
Plant Manager
Rogers Water Utilities
4300 Rainbow Road
Rogers, Arkansas 72758-1440

Re: City of Rogers (NPDES #AR0043397; AFIN # 04-00155) Pretreatment Program Audit / Municipal Pollution Prevention (P2) Assessment

Dear Mr. Moore:

Please find enclosed the finished report for the Audit/Assessment conducted June 13th through June 15th, 2011. The report with required actions and recommendations should be made available for review and discussion by appropriate City representatives. Please respond in writing within 30 days with proposed corrective actions.

Rogers' relatively new Pretreatment Coordinator seems very involved and knowledgeable of the National Pretreatment Program and its implementation. It is hoped the implementation of the City's Pretreatment and Pollution Prevention (P2) Programs will not suffer because of the reduction of full time employees dedicated to the City's Pretreatment and P2 Programs since the Audit/Assessment was conducted in 2004. This is addressed in the attached audit findings and recommendations.

This auditor was impressed with the professionalism exhibited by your personnel during the audit and industry site visits. They should be commended for their work ethics and performance.

Rogers seems to have successfully integrated P2 aspects into its Pretreatment Program. P2 assessment recommendations are meant to aid your Program to maintain this forward direction. The level of P2 activity within the City's Pretreatment Program is lauded.

It was a pleasure and learning experience working with the City's Pretreatment personnel during this event and becoming more familiar with Rogers, its Pretreatment and Pollution Prevention Programs and industries.

Feel free to contact this office with any questions or concerns at (501) 682-0625.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator

Encl: Audit/Assessment Checklist/Attachments

ec: Rudy Molina/EPA 6WQ-PO
Eric Fleming/Inspector Supervisor

PRETREATMENT PROGRAM AUDIT/

POLLUTION PREVENTION ASSESSMENT

CITY OF ROGERS, ARKANSAS

NPDES PERMIT #AR0043397

August 17, 2011

Prepared by Allen Gilliam

ADEQ State Pretreatment Coordinator

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LIST OF ATTACHMENTS

Pretreatment Program Audit/Assessment Checklist:

Section I: General Information

Section II: Program Analysis and Profile

Section III: Industrial User File Review

Reportable Noncompliance (RNC) Worksheet

IU Site Visit Summaries

Attachment(s) A: Supporting Documentation

A) INTRODUCTION

Under ADEQ's responsibility to fulfill its obligations for the administration and enforcement of the NPDES Program, audits of Pretreatment Programs within the state will be part of its coordination and compliance monitoring strategy.

Pollution Prevention (P2) activities, now being strongly recommended to be fully integrated into Pretreatment Programs nationally, an assessment of cities' P2 programs will be made in conjunction with the audits.

An audit/assessment was performed June 13th through June 15th, 2011, of the Pretreatment and Pollution Prevention Programs implemented by the City of Rogers, Arkansas. Participants included:

Allen Gilliam	ADEQ / Pretreatment Coordinator
Paul Burns	City / Pretreatment Coordinator
Cary Roth	City / Environmental Services Coordinator

The goals of the audit/assessment were:

* To determine the implementation and compliance status of the City's Pretreatment Program with the requirements of the General Pretreatment Regulations located in 40 Code of Federal Regulations (CFR) Part 403;

* To determine the effectiveness of the City's Pretreatment and P2 Programs in eliminating the introduction of toxic pollutants from industrial discharges;

* To provide assistance and recommendations to the City that might allow for more effective implementation of program requirements; and

* To assess the level of additional Pollution Prevention activities implemented within the City's day-to-day Pretreatment procedures and make recommendations thereof.

Rogers' Pretreatment Program was originally approved 1/13/84. An ordinance was adopted on 7/9/91, by the City to amend their code with the $1000 penalty provision and was treated as a non-substantial modification.

Another partial modification submittal (4/22/96) included an enforcement response plan and revisions to the pretreatment ordinance. Evaluation of the local limits using current water quality

criteria and EPA modification checklists were not included.

A final/complete modification with the maximum allowable headworks loading was submitted in 2005, reviewed, public noticed and approved on 11/1/06. This modification to their Pretreatment Program was not incorporated into their NPDES permit at that time and needs to be rectified.

The City's wastewater treatment plant has a design flow of 14 MGD, is treated through fine screens and vortex grit removal; high flow equalization basin capacity; return activated sludge mix with post preliminary treated influent; three - five station trains: fermentation, 1st anoxic, oxic (nitrification basin), 2nd anoxic & reaeration and secondary clarifier for each train; tertiary filtration with sand and anthracite media (traveling bridge); chlorination followed by de-chlorination; effluent passes thru oxygen injection before flowing through a flume to its receiving stream; W.A.S. is dewatered with a centrifuge. The original two trains were upgraded with aerators and other minor mods. The city has highly automated the treatment facility and its collection system monitoring.

A current average effluent flow of 8.5 MGD is discharged to Osage Creek with the capability for a percent of that to be discharged to a local golf course depending on the season. The effluent has demonstrated no toxicity in recent years.

Presently, the POTW receives approximately 1.19 MGD from 12 significant industries, 5 of which are categorical. 1440 dry metric tons of sludge per year was land applied in 2010.

The audit/assessment consisted of informal discussions with the City's Pretreatment personnel, examination of industrial user files, pretreatment records and site visits to four (4) of their industrial users. A checklist was utilized to ensure that all facets of the program were evaluated. A copy of the completed checklist is attached. Supporting information obtained during the audit is included as Attachments A-1 through A-6.

The report is divided into three sections. Section B provides a summary of the significant findings of the audit which will require action by the city of Rogers. Section C includes recommendations to help improve the implementation and enforcement of their Pretreatment and Pollution Prevention Programs. Finally, required program modifications to the City's approved program, including its adopted legal authorities, are outlined in Section D.

B) SUMMARY OF FINDINGS WITH REQUIRED ACTIONS

This section of the report is a summary of deficiencies found in the City of Rogers' Pretreatment Program. Actions required by the City to comply with the current General Pretreatment Regulations (40 CFR 403) and with the approved program, will be paraphrased citations of the same. A narrative explanation of the finding will follow.

1) Under ***40 CFR 403.12(b)(3)***: "*Description of operations.* The User shall submit a brief description of the nature, average rate of production…This description should include a schematic process diagram which indicates points of Discharge to the POTW from the regulated processes."

During the file review and site visits, not all schematics found in the City's files included a comprehensive wastewater flow schematic. This auditor could not easily identify these streams during some of the IUs' site visits.

The City must require their permitted IUs to submit updated, more detailed, accurate schematics and a fairly comprehensive narrative description of their wastewater generating processes. Acid/caustic baths/rinses, not using "trade names", should be delineated.

Most industries have the capability to create computer automated drawings to depict these "schematics" without much effort. It would be beneficial for the industry representative to be intimately familiar with their wastewater generating processes and understand their facility's wastewater flows. It would also be in the City's best interest to have these on file so Pretreatment personnel can also be more familiar with their IUs' regulated wastewater generating processes, flowlines and pretreatment details.

Workpiece flow, P2 practices (counter-current flows, in-process recycling, etc.) and chemical storage areas ideally should also be denoted on these schematics.

Any updates should be dated when they were last revised and received by the City.

2a) Under ***40 CFR 403.8(f)(2)(i)***, "Identify and locate *all* possible Industrial Users [IUs] which might be subject to the POTW Pretreatment Program. Any compilation, index or inventory of Industrial Users made under this paragraph shall be made available to the Regional Administrator or Director upon request…"

2b) Under ***40 CFR 403.8(f)(2)(ii)***, "Identify the character and volume of pollutants contributed to the POTW by the Industrial Users identified under paragraph (f)(2)(i) of this section. This information shall be made available to the Regional Administrator or Director upon request;"

2c) Under **Section 4.1.2** of the City's latest approved Pretreatment Program, "[Rogers] updates the master list *annually*…."

2d) Under the City's current Pretreatment Program's Enforcement Response Plan (ERP), Section: **INDUSTRIAL USER INVENTORY**, "The Environmental Services Coordinator is responsible for *updating the industrial user inventory information on a yearly basis* using industrial waste survey (IWS) questionnaires…"

A comprehensive and documented master industrial survey list could not be produced during the audit. Only a few recent industries' surveys were produced. Although there is no 40 CFR 403 regulatory frequency for these industrial user surveys, the City's Pretreatment Program does. This auditor feels this may be a weakness in the City's Program that should be improved.

At least one industry with a Rogers' address (source: the "Arkansas Manufacturer's Register" [2011] - Rogers' listings provided during audit), Swift Chemical Co., the City's Pretreatment Coordinator had no information on. This facility has a NAICS code that indicates they are manufacturing detergents. Their processes could fall under a federal effluent guideline, 40 CFR 417 – "Soap and Detergent Manufacturing Category" and might have to be permitted as a Significant Industrial User per 40 CFR 403.3(v). This was discussed with the City's Pretreatment Coordinator during the audit.

The City must continue sending surveys to any non-domestic user that may be subject to CFR 403 and the City's Pretreatment Program. With the maturity of its P2 program, the other facilities the City should focus on would be the nursing homes, chiropractors, machine shops, x-ray clinics, auto body repair shops, lithographic screen printers, dentists, etc. Most of these small quantity dischargers may not be deemed significant IUs, but may have opportunities for P2 activities and best management practices (BMPs).

This practice can be "ongoing", but a current yearly master list must be available upon request.

{Sending an IU survey to the City's permitted industries serves no purpose. It is incumbent for them [per 40 CFR 403.12(j)] to update the City on any process changes or additions that may alter their wastewater characteristics.}

C) RECOMMENDED POTW ACTIONS FOR IMPROVED IMPLEMENTATION OF THE PRETREATMENT AND POLLUTION PREVENTION (P2) PROGRAMS

1) Include specific questions regarding chemical handling procedures in the IU inspection forms. Do the facilities move toxic/hazardous and other chemicals to various work stations via totes, forklifts, dollies, hand-carry buckets, hard line piping, etc.? In other words, how does the industry physically transport its virgin chemicals from its loading dock to the actual work station in which it is used?

2) Be more cognizant of any permitted industry's violations when it appears they may be nearing the Significant Non-Compliance (SNC) criteria in 40 CFR 403.8(f)(2)(viii). Escalate enforcement options before that point is reached. Southeast Poultry would be a good example (see Attachment A-6 indicating their numerous CBOD violations).

3a) Strongly recommend keeping your industry fact sheets up-to-date (and dated). In this auditor's opinion the City's current fact sheets' templates are very comprehensive. As mentioned above it is incumbent on the City's permitted industries to up-date any changes they may have planned.

The City's current fact sheets could be sent to the industry representatives for their review to make additions or comments. This request to your industries should also include supplying the City with updated, more comprehensive wastewater flow schematics through pretreatment (if necessary) to the final sampling point. Their manufacturing process narratives "version" should also be requested. As this auditor indicated to the industry representatives during the site visits, "treat me

like a raw material workpiece and walk me through all the manufacturing/chemical processes to the final product". A process narrative in this detail would not have brought up as many questions as this auditor had during the site visits.

3b) Include all units used to convert production-based categorical limits to concentration-based. It was not clearly evident reviewing Preformed Line's fact sheet and permit how the City converted their production-based limits from lb/million off-lbs to mg/l without these units.

3c) Exact industry sampling points may be obvious to the City sampling technician(s). They are generally described in the fact sheets and the industries' permits. But for a newcomer, it would be most helpful if these sampling points could further be described in footages from fixed reference points. An actual picture of the sampling point would also be helpful as discussed during the audit.

4) Recycle duplicate file information, old (more than three years) *non-enforcement* related correspondence and old draft or expired industry permits. Current permit applications which may be older than three years should be kept as well as the categorical industries' baseline monitoring reports in the industries' files.

5) City officials should be cognizant of the reduction of Pretreatment full time employees (FTEs). During this audit, it was indicated Pretreatment dedicated FTEs had been reduced to ~1.25 from a previous 3.5 indicated in the City's 2004 audit (with essentially the same number of permitted industries).

6) Recommend including a P2 audit as an enforcement option in the existing Pretreatment Program's ERP.

7) Recommend revising the Pretreatment Ordinance to include a specific prohibition against discharge of any pharmaceuticals into the City's sewage collection system. This prohibition obviously cannot apply to the residential community, but to non-domestic dischargers such as long term health clinics, hospitals, pharmacies, veterinarians and doctors' offices.

8) Recommend adding the legal authority to your Pretreatment Ordinance to issue general permits per 40 CFR 403.8(f)(1)(A).

9) Recommend adding the legal authority to issue permits with Best Management Practices (BMP) and reporting requirements.

D) REQUIRED PROGRAM MODIFICATIONS TO THE APPROVED PRETREATMENT PROGRAM NECESSARY TO BRING THE PROGRAM INTO COMPLIANCE WITH THE LETTER OR INTENT OF THE CURRENT REGULATORY REQUIREMENTS

1) The City's Pretreatment Program is not current with the Streamlining Revisions to 40 CFR 403. Program modification must be submitted and will be required upon NPDES permit renewal.

2) The City's current Pretreatment Program's Enforcement Response Plan's (ERP) enforcement options do not match its Enforcement Response Guide's (ERG) options matrix. Page 12 of 59 of the ERP indicates "Informal Notices" may be "a telephone call, e-mail or a reminder letter…" These "Informal Notices" must also be denoted in the ERG beginning on page 48 of 59 of the ERP.

* * * * * * * *

The City should consider the required actions and recommendations contained in this audit/assessment before finalizing any pretreatment program modifications. Any intended substantial program/ordinance changes made, whether in response to the recommendations or otherwise, should be submitted to ADEQ for review and approval.

PRETREATMENT AUDIT CHECKLIST
(MUNICIPAL POLLUTION PREVENTION ASSESSMENT)

Section I: General Information . . . . . Pages 1- 4
Section II: Pretreatment Program Analysis . . . . . Pages 5-17
Section III: Industrial User File Evaluation . . . . Pages 18-26

SECTION I: GENERAL INFORMATION

A. GENERAL INFORMATION

Control Authority Name: City of Rogers NPDES #: AR0043397
Mailing address: 4300 Rainbow Road, Rogers 72758-1440

Permit Signatory: Tom McAlister Title: Utilities Manager

Telephone: 479.621.1142 FAX NUMBER: 479.621.1146

Pretreatment Contact: Paul Burns Title: Pretreatment Coordinator
Address: same
Telephone: 479.273.7378 Ext: 109 fx: 479.273.7627
e-address: paulburns@rwu.org
Pretreatment program approval date: 1/13/84

Dates of approval of any substantial modifications: 11/1/06

Month Annual Pretreatment Report Due: January

Pretreatment Year Dates: 1/1 - 12/31 Date(s) of Audit: 6/13 -15/11 (ASSESSMENT)

Inspector(s):

NAME	TITLE/AFFILIATION	PHONE NUMBER
Allen Gilliam	Pret. Coord./ADEQ	501.682.0625

Control Authority representative(s):

NAME	TITLE	PHONE NUMBER
* Paul Burns	Pretreatment Coordinator	Same
Cary Roth	Environmental Services Coordinator	" Ext: 105
caryroth@rwu.org		

* Identifies Program Contact

Dates of Previous PCIs/Audits:

TYPE	DATE	DEFICIENCIES NOTED
PCI	12/09	"Compliant"

SECTION I: GENERAL INFORMATION

YES NO

___ ✓ Is the Control Authority currently operating under any pretreatment related consent decree, Administrative Order, compliance or enforcement action?

If yes, describe the required corrective action: _____

___ ✓ Is the Control Authority currently in SNC or RNC?

. . . . . .

The remainder of this page has been left blank, but provides a place to enter a narrative description of any information that may not fit appropriately into the questions that are asked. Mark questions or input areas with a asterisk or footnote that tells that there is more explanatory information and where it can be found.

SECTION I: GENERAL INFORMATION

B. TREATMENT PLANT INFORMATION

1. THIS PRETREATMENT PROGRAM COVERS THE FOLLOWING NPDES PERMITS/TREATMENT PLANTS:

NPDES Permit No.	Name of Treatment Plant	Effective Date	Expiration Date
*AR0043397	Rogers Pollution Control Facility	3/1/06	2/28/11
	(On "hold" waiting on TMDL for receiving stream)		

* Indicates the permit number/treatment plant under which the Pretreatment Program is tracked.

2. Individual Treatment Plant Information

a. Name of Treatment Plant: Same
Location Address: same

Expiration Date of NPDES Permit: same

Treatment Plant Wastewater Flow: Design- 14 MGD; Actual (Average)- ~8.5 MGD

Sewer System: 100 % SSO # of SSOs due to grease blockages 22 from 1/08 thru 4/11

Industrial Contribution to this Treatment Plant

# of SIUs : 12 # of CIUs : 5
Industrial Flow (mgd): 1.2 Industrial Flow (%) : 16.7 %

Level of Treatment (Tertiary) Type of Process(es):

Primary treatment through fine screens and vortex grit removal; high flow equalization basin capacity; return activated sludge mix with post preliminary treated influent; three five station trains: fermentation, 1st anoxic, oxic (nitrification basin), 2nd anox. & reaeration, secondary clarifier for each train; tertiary filtration with sand and anthracite media (traveling bridge); chlorination followed by de-chlorination; effluent passes thru oxygen injection before flowing thru flume to receiving stream; WAS is dewatered with a centrifuge; the original two trains were upgraded with aerators and other minor mods.

Method of Disinfection: Chlorination

Dechlorination ✓ YES ____ NO

Effluent Discharge

Receiving Stream Name: Osage Creek then to the Illinois River

Receiving Stream Classification: Segment 3J of Arkansas Riv. Basin

Receiving Stream Use: fishable/swimmable; primary contact recreation

If effluent is disposed of to any location other than the receiving stream, please note: Outfall 002, Pinnacle Golf Course - "C" Lake (as needed)

Method of Sludge Disposal:	Quantity of Sludge:
✓ Land Application	1440 dry tons/yr. (2010)
_____ Incineration	_____ dry tons/yr.
_____ Monofill	_____ dry tons/yr.
_____ Mun. Solid Waste Landfill	_____ dry tons/yr.
_____ Public Distribution	_____ dry tons/yr.
_____ Lagoon Storage	_____ dry tons/yr.
_____ Other (specify)	_____ dry tons/yr

List of toxic pollutant limits in NPDES permit: conventionals, NH3-N, TRC & T.Phos

SECTION I: GENERAL INFORMATION

a. (continuation of individual treatment plant information for Rogers Pollution Control Treatment Plant.)

YES NO

✓ ___ Does the Control Authority hold a sludge permit or has the NPDES permit been modified to include sludge use and disposal requirements? If yes, specify the following:

Issuing Authority: Same
Issuance Date: "
Expiration Date: "

List pollutants that are specified in current NPDES permit:
Ref. to CFR 503, As, Cd, Cu, Pb, Hg, Ni, Se, Zn, TKN, P, K, Mg & PCBs

YES NO N/A

✓ ___ ___ Has the Control Authority submitted results of whole effluent biological toxicity testing.

___ ✓ ___ Has there been a pattern of toxicity demonstrated by effluent toxicity testing? If yes, explain what has been or is being done about it (eg. Is there an ongoing TRE?). No sub-lethal or lethal effects in either species seen over the last 3 years.

How many times were the following monitored during the past pretreatment year?

	Influent	Effluent	Sludge	Ambient
Metals *	4	4	4	
Priority **	1	1		
Biomonitoring		4		
TCLP			1	

Other: At two sites (above & below the plant's outfall) TSS, T.Phos., NH3, Ortho-Phos, TN, Nitrites and Nitrates were measured.

* As identified at 40 CFR 122, Appendix D, Table III, ** As identified at 40 CFR 122, Appendix D, Table II

Summarize any trends over the last five years regarding pollutant (influent, effluent and sludge) loadings. Have they increased, decreased, or stayed the same. Evaluate for each parameter measured.

Trends were available, but not reviewed.

YES NO N/A

✓ ___ ___ Has the POTW begun tracking the trends in the above samples?

✓ ___ ___ Has the POTW violated it's NPDES Permit either for effluent limits or sludge over the last 12 months?

If yes, List the NPDES effluent and sludge limits violated and the suspected cause(s)

Parameters Violated	Cause(s)
Design flow	Unintentional bypass of treatment system due to influent exceeding design flow for 8 days

YES NO

___ ✓ Has the treatment plant sludge violated the TCLP Test?

SECTION II: PROGRAM ANALYSIS AND PROFILE

C. Control Authority Pretreatment Program Modification [403.18]

YES	NO	
___	✓	Has public comment been solicited during revisions to the Sewer use ordinance and/or local limits since the last program modification? [403.5(c)(3)]
___	✓	Have any substantial modifications been made or requested to any pretreatment program components since the last audit? If yes, identify below.

Updated Program elements including a revised Pretreatment Ordinance, a revised ERP, a re-evaluation of their MAHL and the need for local limits was submitted, reviewed, approved (11/1/06) but not incorporated into their NPDES permit. (This needs rectified.)

1. Modifications:

Date Approved by ADEQ	Ordinance Citation/ Nature of Modification	Date Incorporated in NPDES Permit
11/1/06	See above (Ord. #04-150)	

2. Modifications in Progress:

Date Requested	Nature of Modification
N/A	Currently reviewing "Streamlining" req'd mods for future mod. submittal. City is currently updating removal efficiencies for updated TBLL development and a new FOG control program manual has been drafted.

YES	NO	
___	✓	Have any changes been made to any pretreatment program components (excluding any listed above)? If yes:
N/A		Has the Control Authority notified the Approval Authority of all program changes? (e.g., Modified forms, procedures, legal authorities). If no, please copy and attach the modified form, etc.

D. Legal Authority [403.8(f)(1)]

Date of original Pretreatment Program approval: 1/13/84 [WENDB-PTIM]
Date of most recent Ordinance approved by the Control authority: 12/14/04
Date of most recent Pretreatment Program modification approval: 11/1/06

Does the Control Authority's legal authority enable it to: [403.8(f)(1)(i-vii)]

YES	NO	
✓	____	Deny or condition pollutant discharges
✓	____	Require compliance with standards
✓	____	Control discharges through permit or similar means
✓	____	Require compliance schedules and IU reports
✓	____	Carry out inspection and monitoring activities
✓	____	Obtain remedies for noncompliance
✓	____	Comply with confidentiality requirements
✓	____	Establish Pollution Prevention
____	✓*	Has the city developed and adopted a Pollution Prevention policy?

* It is one of the new Ordinance's (12/14/04) purposes/objectives

SECTION II: PROGRAM ANALYSIS AND PROFILE

YES NO

___ ✓ Has the Control Authority experienced difficulty in implementing the sewer use ordinance? If yes, identify reason:

_____ No oversight authority
_____ No inspection authority
_____ No remedies for noncompliance
_____ No "equivalent" standard
_____ No clear delineation of responsibility for program implementation
_____ Interjurisdictional agreements not entered into
_____ Other, Specify: _____

___ ✓* Are all industrial users located within the jurisdictional boundaries of the Control Authority? If no: *(*City accepts landfill leachate from a facility not within the City's limits)*

✓* ___ Has the Control Authority negotiated all legal agreements necessary to ensure that pretreatment standards will be enforced in contributing jurisdictions? *(*City has negotiated all legal agreements with operator.)*

n/a Have provisions been made for the incorporation of Pollution Prevention (P^2) policies by contributing jurisdictions?

List the name of contributing jurisdictions, if any, the number of CIUs, SIUs and type of multijurisdictional agreements in those jurisdictions:

	Name of ~~Jurisdiction~~ SIU	Number of CIUs	Number of Other SIUs	Type of Agreement
1.	*Waste Management Services	N/A	"	Permit
2.	(City was receiving "some loads"	in '10,	but is now just	receiving
3.	transfer station fluids)			
4.				

If relying on activities of contributing jurisdictions, indicate which activities are performed by jurisdictions and describe any problems in their implementation. *N/A*

		Problems
___	Updating industrial waste survey	*n/a*
___	Notification of IUs	
___	Permit issuance	
___	Receipt and review of IU reports	
___	Inspection and sampling of IUs	
___	Assessment of IUs for P^2 activity	
___	Analysis of samples	
___	Enforcement	
___	Other: _____	

Briefly describe other problems: _____

SECTION II: PROGRAM ANALYSIS AND PROFILE

Identify any IUs that have caused problems of interference, upset, pass through, sludge contamination, problems in the collection system, or worker health and safety in the past 12 months:

IU Name	Problem	NPDES Permit Violation Yes	No
Bekaert	Sludge build-up in sewer collection system.		✓

E. Industrial User Characterization [403.8(f)(2)(i)]

YES	NO	
✓		Has the Control Authority (CA) updated its Industrial Waste Survey (IWS) to identify new Industrial Users (IUs) or changes in wastewater discharges at existing IUs? [403.8(f)(2)(i)] *IU surveys were found for ~6 IUs up through '09.*
✓		If yes, while conducting the IWS, was each potential IU evaluated by the CA for the possibility of incorporating P^2 activity?
✓		Does the Control Authority have written procedures to update its Industrial Waste Survey (IWS) to identify new Industrial Users (IUs) or changes in wastewater discharges at existing IUs? [403.8(f)(2)(i)]
	✓	If yes, do the written procedures include provisions for the assessment of potential new IUs to incorporate P^2 activity and the distribution of P^2 reference materials to the IUs which qualify?

What methods are used to update the IWS:

- ✓ Review of newspaper/phone book
- ✓ Review of plumbing/building permits
- ✓ Review of water billing records
- ✓ Permit reapplication requirements
- ✓ Onsite inspections
- ✓ Citizen involvement
- ✓ Other (specify) Questionnaires, city business license, chamber of commerce business listing (See Attach. A-4 for example)

How often is the survey to be updated? Ongoing

Are there any problems that the Control Authority has in identifying and categorizing SIUs: Swift Chemical (detergents and soaps) and Cleaner Solutions (carpet cleaning chemicals) need to be sent a detailed IU survey. Swift is a small quantity conditionally exempt haz waste generator

YES	NO	
✓		Have any new SIUs been identified within the last 12 months? If yes:

Name of IU	Type of Industry	Is the IU Permitted?
Southeast Poultry	Poultry Processing	Yes

How many IUs are currently identified by the Control Authority in each of the following groups:

a. 12 SIUs (As defined by the Control Authority) [WENDB-SIUS]
b. 5 Categorical Industrial Users (CIUs) [WENDB-CIUS]
c. 7 Noncategorical SIUs
d. 5 Other regulated nonsignificant IUs (Describe) septage hauler (1), some transfer station runoff, 2 landfill leachate haulers and Cryovac-currently under a MOU.

17 TOTAL of a. + d.

SECTION II: PROGRAM ANALYSIS AND PROFILE

YES NO

* ___ Has the POTW identified any IUs with Pollution Prevention opportunities?
✓ ___ Is the Control Authority's definition of "significant industrial user" the same as EPA's? [403.3(t)(1)(i-ii)] **11 of 12 SIUs have P2 requirements*

~~If not, the Control Authority has defined "significant industrial user" to mean~~:
* Permittees are required to review and re-submit P2 plans annually. City now includes requirement to report additional P2 activities & goals

F. Control Mechanism Evaluation [403.8(f)(1)(iii)]

YES NO
* ___ Has the Control Authority asked for Best Management Practices (BMPs) or Pollution Prevention assessments as part of the permit application?
**permits require P2 and water conservation/waste minimization plans*
Describe the Control Authority's approved control mechanism (e.g., permit, etc.): Permit

What is the maximum term of the control mechanism? 5 yrs (by Ordinance)

0 How many SIUs are not covered by an existing, unexpired permit or other control mechanism? [WENDBs-NOCM] If there are any SIUs without current (unexpired) permits, please complete the information below:

IU NAME	PERMIT EXPIRATION DATE
N/A	

YES NO
✓ ___ Does the Control Authority accept trucked septage wastes?
✓ ___ Does the Control Authority accept other trucked wastes?
✓ ___ Does the Control Authority have a control mechanism for regulating trucked wastes? If yes, answer the following:

YES NO
✓ ___ Does Control Mechanism designate a discharge point? [403.5(b)(8)]
✓ ___ Are all applicable categorical standards and local limits applied to trucked wastes?

List all pollutants and applicable limits, other than local limits and categorical standards, that are applied to waste haulers:

Pollutant Limit
Permits reference the city ordinance, CFR 261 (Haz. Waste req. limits) and requires reporting for numerous parameters. No surcharges for TSS or CBOD.

Describe the discharge point(s) (including security procedures):
At a 8' X 8' bermed and grated inlet structure. Dumps are witnessed by city personnel.

___ ✓ Does the Control Authority accept Underground Storage Tank (UST) cleanup wastes? *Ordinance does allow for special exceptions.*

___ ✓ Does the Control Authority have a control mechanism for regulating wastes from UST sites?

SECTION II: PROGRAM ANALYSIS AND PROFILE

List all pollutants and applicable limits, other than local limits and categorical standards, that are applied to UST cleanup sites:

Pollutant	Limit
n/a	

G. Application of Pretreatment Standards and Requirements

YES NO

✓ ___ Has the POTW notified the IUs of their potential requirement to report hazardous wastes to EPA, the State, and the POTW?

2/09 Date Notified Letter Method of Notification

How does the Control Authority keep abreast of current regulations to ensure proper implementation of standards?

✓ Federal Register ✓ Journals, Newsletters
✓ Meetings, Training ✓ Other internet
✓ Government Agencies ✓ Other WEF

YES NO

✓ ___ Is the Control Authority in the process of making any changes to its local limits (MAHLs) or have limits changed since the last PCI, Audit or Annual Report?

City is re-evaluating their MAHLs now that the upgraded plant is at static conditions.

If yes, complete the information below:

Pollutant Changed	Old Limit	New Limit	Reason for Change
PENDING			

YES NO

✓ ___ Has the Control Authority technically evaluated the need for local limits for all required pollutants listed below? [WENDB-EVLL] [403.5(c)(1); 403.8(f)(4)]

	Headworks Analysis Completed?		Local Limits Needed?		Local Limits Adopted? (narrative in Ord)		11/06 developed MAHLs
	Yes	No	Yes	No	Yes	No	(mg/l)
Arsenic (As)	✓			✓		✓	0.025
Cadmium (Cd)	✓			✓		✓	0.019
Chromium-Total	✓			✓		✓	0.528
Copper (Cu)	✓			✓		✓	0.678
Cyanide (CN)	✓			✓		✓	0.027
Lead (Pb)	✓			✓		✓	0.071
Mercury (Hg)	✓			✓		✓	0.00005
Molybdenum (Mo) *	✓			✓		✓	0.053
Nickel (Ni)	✓			✓		✓	0.019
Selenium (Se) *	✓			✓		✓	0.016
Silver (Ag)	✓			✓		✓	0.1
Zinc (Zn)	✓			✓		✓	0.5

** - If necessary for the sludge disposal option chosen.*

SECTION II: PROGRAM ANALYSIS AND PROFILE

YES NO

✓ ___ Has the Control Authority identified pollutants of concern other than the required pollutants and technically evaluated the need for local limits for these? If yes, provide the following information:

POLLUTANT	Headworks Analysis Completed? Yes	No	Local Limits Needed? Yes	No	Local Limits Adopted? Yes	No	Numerical Limit Adopted (mg/l)
T. Phos	✓		✓			✓	n/a
CBOD5	✓			✓		✓	n/a

YES NO

✓* ___ Where it has been determined that certain pollutants need to have limits, has the POTW identified the sources of the pollutants?
**City has requested P2 practices at IUs with Phos. and Nitrogen containing wastewater and are required to report for these parameters.*

What method of allocation ~~was~~ "would be" used for local limits for each pollutant that has a local limit in-place?

	TYPE OF ALLOCATION		
	Uniform Concentration	Mass	Hybrid
Arsenic (As)			
Cadmium (Cd)			
Chromium-Total			
Copper (Cu)			
Cyanide (CN)			
Lead (Pb)			
Mercury (Hg)			
Molybdenum (Mo)			
Nickel (Ni)			
Selenium (Se)			
Silver (Ag)			
Zinc (Zn)			
	Not specified in newest version of Program (11/1/06), page 33.		

If there is more than one treatment plant, were the local limits established specifically for each plant or were local limits applied uniformly to all plants? ___
n/a

SECTION II: PROGRAM ANALYSIS AND PROFILE

H. COMPLIANCE MONITORING

Compliance Monitoring and Inspection Requirements:

Program Aspect	Approved Program	Federal Requirement		Explain Difference
		Actual		
Inspections:				
CIUs	1/yr	1/yr	1/year	
Other SIUs	"	"	1/year	
Sampling:				
CIUs	1-2/yr	2/yr	1/year	"Just keeping their IUs on their toes"
Other SIUs	"	2/yr	1/year	
Reporting:				
CIUs	4/yr	2-12/yr	2/year	"
Other SIUs	"	"	2/year	"
Self-Monitoring:				
CIUs	4/yr	4-12/yr	2/year	"
Other SIUs	"	2-48/yr	2/year	"

#	%	How many and what percentage of SIUs were: (refer to p.1 for Pretreatment year)
0	0	Not sampled at least once in the past reporting year?
0	0	Not inspected at least once in the past Pretreatment reporting year?
0	0	Not inspected and not sampled at least once in the past reporting year ? [WENDB-NOIN]-[403.8(f)(2)(v)]

Attach the names of SIUs that were not sampled and/or not inspected within the last Pretreatment reporting year. Include an explanation next to each name as to why it was not sampled and/or not inspected. *N/A*

Does the Control Authority routinely split samples with industrial personnel:

YES	NO	
✓		If requested?
✓		To verify IU self-monitoring results?

Provide the following information regarding pollutant analyses done by the POTW:

	Analytical Method*	Name of Laboratory
Metals	ICP/MS	Environmental Testing Group
Cyanide	Spectrophotometric	Environmental Services Corp.
Organics	GC/MS	Ark. Analytical Inc.
Other	Biomonitoring	Huther & Huther
	O&G, Phenols	ESC
	Conventionals	ETG, ESC & the city's lab+

Were all wastewater samples analyzed by 40 CFR 136 methods? *YES*

+ RWU's lab is state certified

* Enter the type of Analytical Method used for each group of pollutants (eg. AA-flame, AA-furnace, GC, GC/MS, ICP, etc.)

SECTION II: PROGRAM ANALYSIS AND PROFILE

YES NO

✓ ___ Does the POTW use QA/QC for sampling and analysis? If yes, describe: City uses EPA QA samples, has a written QA plan, QC requirements, sample custody and handling procedures & QA objectives. City also conducts dupes, spikes, etc.

How much time normally elapses between sample collection and obtaining analytical results for:

1 wk Conventionals
2 wks Metals
3 wks Organics

✓ ___ Is there an established protocol clearly detailing sampling location and procedures?

___ ✓ Has the Control Authority had any problems performing compliance monitoring?

If yes, explain: _____

Does the Control Authority use the following methods for compliance monitoring?

YES	NO	
✓	___	Scheduled compliance monitoring *(for batch discharges)*
✓	___	Unscheduled compliance monitoring
✓	___	Demand monitoring for IU compliance
✓	___	IU self-monitoring
___	___	Other:_____

YES NO

___ ✓ Has the Control Authority identified any violation of the prohibited discharge standards in the last reporting year? If yes, describe below.

I. ENFORCEMENT

YES NO

✓* ___ Is the Control Authority definition of SNC consistent with EPA's? [403.8(f)(2)(vii)] **Not with the current "Streamlining" version because their Program is currently being revised.*

✓** ___ Does the Control Authority have a written enforcement response plan? [403.8(f)(5)]. If yes, does the plan: ***City's ERG does not match w/the ERP. For example, phone calls or e-mails are mentioned in the ERP, but are not listed in the ERG matrix.*

YES	NO	
✓	___	Describe how the Control Authority will investigate instances of noncompliance
✓**	___	Describe the Control Authority's types of escalating enforcement responses and the periods for each response
✓	___	Identify by Title the Official(s) responsible for implementing each type of enforcement response
✓	___	Reflect the Control Authority's responsibility to enforce all applicable pretreatment requirements and standards

SECTION II: PROGRAM ANALYSIS AND PROFILE

Check those compliance/enforcement options that are available to the POTW in the event of IU noncompliance: [403.8(f)(1)(vi)]

✓	Notice or letter of violation	✓	Administrative Order
✓	Setting of compliance schedule	✓	Revocation of permit
✓	Injunctive relief	✓	Fines (maximum amount):

civil $ 1000 /day/violation
criminal $ 1000 /day/violation
administrative $ _____ /day/violation

✓ Imprisonment
✓ Termination of Service
_____ Other: _____

Describe any problems the Control Authority has experienced in implementing or enforcing its pretreatment program: None apparent

YES NO

✓ ___ When violations occur, does the Control Authority routinely notify SIUs and escalate enforcement responses if violations continue? [403.8(f)(5)]

✓ ___ Are SIUs required to notify the Control Authority within 24 hours of becoming aware of a violation and to conduct additional monitoring within 30 days after the violation is identified? [403.12(g)(2)].
Comment: plus, given a certain number of days to send a description of the cause of violation and provide a written corrective action plan (permit requirement)

___n/a__ If no, does the Control Authority conduct all of the monitoring?

YES NO N/A

✓ ___ ___ Does the pattern of enforcement conform to the Enforcement Response Plan?

Complete the following table for SIUs identified as SNC.
None since last Audit in 5/08

SIU Name	Date First Identified in SNC	Enforcement Action Type	Date	Return to Compliance? Yes (Date)	No
N/A					

Indicate the number and percent of SIUs that were identified as being in significant noncompliance during the past Pretreatment reporting period:

#	%	
0	0	Pretreatment Standards [WENDB-PSNC] (Local Limits/Categorical Standards)
0	0	Self-monitoring requirements [WENDB-MSNC]
0	0	Reporting requirements [WENDB-PSNC]
0	0	Pretreatment compliance schedule [WENDB-SSNC]
0		How many SIUs that are currently in SNC with self-monitoring and were not inspected or sampled? [WENDB-SNIN]

SECTION II: PROGRAM ANALYSIS AND PROFILE

YES NO

___ ✓ Does the ERP provide for any Pollution Prevention activities as corrective actions? If so, give some examples. _____

Has the Control Authority experienced any of the following:

YES	NO		EXPLAIN and ID Industrial User
___	✓	Interference [WENDB].	_____
___	✓	Pass through [WENDB].	_____
___	✓	Fire or explosions? (incl. flash point viol.)	_____
___	✓	Corrosive structural damage? (incl. pH <5.0).	_____
___	✓	Flow obstructions?	_____
___	✓	Excessive flow or pollutant concentrations?	_____
___	✓	Heat problems?	_____
___	✓	Interference due to oil or grease?	_____
___	✓	Toxic fumes?	_____
___	✓	Illicit dumping of hauled wastes?	_____

YES NO

✓ ___ Does the Control Authority compare all monitoring data to applicable Pretreatment Standards and requirements contained in the control mechanism? [403.8(f)(2)(iv)]

0 How many SIUs are currently on compliance schedules?

___ ✓ Have any CIUs been allowed more than 3 years from the effective date of a categorical standard to achieve compliance with those standards? [403.6(b)]

Indicate the number of SIUs from which penalties have been collected by the Control Authority during the past Pretreatment reporting period:

	Number	Amount
Civil	0	$ _____
Administrative	0	$ _____
Total	0	$ _____ [WENDB-IUPN]

J. DATA MANAGEMENT/PUBLIC PARTICIPATION

YES NO

✓ ___ Are inspection & sampling records well documented, organized and readily retrievable? Are files/records:

YES	NO	
✓	___	computerized
✓	___	hard copy
___	___	OTHER: _____

SECTION II: PROGRAM ANALYSIS AND PROFILE

Are the following files computerized:

YES	NO	
✓	___	Control Mechanism Issuance
✓	___	Inspection and Sampling schedule
✓	___	Monitoring Data
✓	___	IU Compliance Status Tracking
✓	___	Other: _____

Can IU monitoring data can be retrieved by:

✓	___	Industry name
✓	___	Pollutant type
✓	___	Industrial category or type
✓	___	SIC/NAICS Code
✓	___	IU discharge volume
✓	___	Geographic location
n/a		Receiving treatment plant (i.e.if > one plant in the system)
___	___	Other (specify) _____

✓ ___ Does the POTW have provisions to address claims of confidentiality? [403.8(f)(1)(vii)]

___ ✓ Have IUs requested that data be held confidential?
How is confidential information handled by the Control Authority?
IU must send letter w/documents requesting confidentiality. This info is not made available to the public, but to government agencies.

✓ ___ Are there significant public or community issues impacting the POTW's pretreatment program?

If yes, please explain: Nutrients' issue with neighboring state may have an impact on the city with regard to permit limits & TBLLs. A TMDL is currently being developed for the City's receiving stream.

✓ ___ Are all records maintained for at least 3 years?

K. RESOURCES

What is the current level of resources dedicated to the Pretreatment Program in FTEs and funding amounts? [403.8(f)(3)] * - FTE = Full Time Equivalent Employee

1.25 FTEs, 1 full time coordinator and some lab assistance. This is down from the previous 3.5 FTEs.

SECTION II: PROGRAM ANALYSIS AND PROFILE

YES NO

___ ✓* Have any problems in program implementation been observed which appear to be related to inadequate funding?
If yes, describe and show below the source(s) of funding for the program:
Current Pretreatment City Coordinator may be getting behind in some of the basics of the Program like conducting comprehensive IU surveys and their Grease Trap Program with their Pretreatment "staff" being cut.

		Percent of Total Funding
✓	POTW general operating fund (GOF)	100%
_____	IU permit fees	_____
_____	monitoring charges	_____
✓	industry surcharges (returned to GOF)	_____
_____	other (describe) _____	_____
	Total	100%

___ ✓ Is funding expected to continue near the current level? If no, will it:
Increase ____ or Decrease ✓
If no, describe the nature of the changes:
As mentioned above, Pretreatment dedicated personnel have been cut and not replaced.

Are an adequate number of personnel available for the following program areas:

YES	NO		If no, explain
✓	___	Legal assistance	_____
✓	___	Permitting	_____
✓	___	IU inspections	_____
✓	___	Sample collection	_____
✓	___	Sample analyses	_____
✓	___	Data analysis, review and response	_____
✓	___	Enforcement	_____
✓	___	Administration (inc. record keeping /data management)	_____

Does the Control Authority have access to adequate:

YES	NO		If yes then list and if no, explain
✓	___	Sampling equipment	5 ISCO samplers, 2 pH meters & 2 DO meters
✓	___	Safety equipment	Standard
✓	___	Vehicles	Pick-up now shared by all other POTW personnel
✓	___	Analytical equipment	General lab equipment RWU's lab is certified by ADEQ also.

SECTION II: PROGRAM ANALYSIS AND PROFILE

L. POLLUTION PREVENTION

1. Describe any efforts that have been taken to incorporate pollution prevention into the Pretreatment Program (e.g. waste minimization at IUs, household hazardous waste programs, etc.):
The majority of their permits require P2 plans. These plans must address waste minimization plans and water conservation; created state's first household haz. waste collection program (Benton County hosts it) with roundups; City has maintained an aggressive grease trap program requiring all food service establishments to have grease interceptors and to recycle cooking oil.

2. Has the source of any toxic pollutants been identified?
If yes, what was found? *No*

3. Has the POTW implemented any kind of public education program? If yes, describe:
2 day outdoor school (WWTP tours) for grade schools children.

4. Does the POTW have any pollution prevention success stories for industrial users documented? No. ~~If yes, please attach.~~ *Each SIU P2 plan outlines and describes goals achieved so they are "retrievable".*

5. Are SIUs required to get a pollution prevention audit or assessment as a part of their permit application or as a requirement of their permit?
No, but see comment #1 above. Both the IU and the City reviews the plan yearly and make necessary changes to improve and address all environmental areas. Several IUs have initiated the ISO 140001 process or are already certified.

6. Has the POTW used any of the various "Guides to Pollution Prevention" as examples to their industrial and commercial users as ways to eliminate or reduce pollutants? *Yes*
If yes, which of the "Guides to Pollution Prevention" were used? This was done years ago. Applicable P2 guides were sent to various industries. Guides are reviewed by City personnel to SIU P2 plans can be critiqued.

SECTION III: INDUSTRIAL USER FILE REVIEW

FILE #: 1 Industry Name MAFCO Inc. File/ID No. 10-MFC
Industry Address 1203 N.6th Street
Industry Description Mfg. of residential water storage tanks, wall hydrants, contract machining, fabrication, welding, assembly and powder coat painting.
Industrial Category Metal Finishing 40 CFR 433 SIC/NAICS Code: 3449/332313
Avg. Total Flow (gpd) 2,175 Avg. Process Flow (gpd) 4,900 gallons (all 5 regulated w.w. tanks) batch discharged 1/yr & sampled

Industry visited during audit: YES

Comments:

FILE #: 2 Industry Name Preformed Line Prod. File/ID No. 10-B-PLP
Industry Address 2740 South First Street
Industry Description Utility pole line hardware, cable anchoring, mainly wire products & communication line splice cases.
Industrial Category Aluminum Forming 40 CFR 467.55 SIC/NAICS Code:3644/335932
Avg. Total Flow (gpd) 40,000 Avg. Process Flow (gpd) ~7,000

Industry visited during audit: YES

Comments: Plastic extrusion molding also conducted at this facility

FILE #: 3 Industry Name Bekaert Corp. File/ID No. 10-BSC
Industry Address One Bekaert Drive
Industry Description Mfg. of steel cord for steel belted tires and specialty steel wire
Industrial Category Iron & Steel and Metal Finishing CFRs 420 & 433
SIC/NAICS Codes: 2296/314992
Avg. Total Flow (gpd) ? Avg. Process Flow (gpd) 16,000

Industry visited during audit: YES

Comments: Needs more detail on regulated wastewater flow schematic

FILE #: 4 Industry Name S.E. Poultry File/ID No. 10-SEP
Industry Address 2200 Town West Drive
Industry Description Poultry De-boning
Industrial Category N/A 40 CFR N/A SIC/NAICS Code: 2015/311615
Avg. Total Flow (gpd) ? Avg. Process Flow (gpd) 30,000 to 40,000
5 to 6 days/week

Industry visited during audit: YES

Comments:

SECTION III: INDUSTRIAL USER FILE REVIEW

A. Industrial User Characterization

	FILE 1	FILE 2	FILE 3	FILE 4	FILE 5
1. Is the IU considered "significant" by the Control Authority?	✓	✓	✓	✓	
2. Is the user subject to categorical pretreatment standards?	✓	✓	✓	No	
a. New source or existing source (NS or ES)?	NS	ES	NS	N/A	
b. Is this IU one identified as having P^2 potential?	✓	✓	✓	✓	

B. Control Mechanism

1. Does the file contain an application for a control mechanism? *(See Attach. A-1 for example)*	✓	✓	✓	✓	
If yes, what is the application date?	9/09	9/09	9/09	7/10	
Does it ask for Pollution Prevention information?	✓	✓	✓	✓	
2. Does the file contain a Permit? *(See Attach. A-2 for example)*	✓	✓	✓	✓	
Permit Expiration Date?	12/12	12/12	12/12	12/12	
Is a fact sheet included? *(See Attach. A-3 for example)*	✓	✓	✓	✓	
3. Has the SIU been issued a control mechanism containing: [403.8(f)(1)(iii)(A)-(E)]					
a. Legal Authority Cite?	✓	✓	✓	✓	
b. Expiration date?	✓	✓	✓	✓	
c. Statement of nontransferability?	✓	✓	✓	✓	
d. Appropriate discharge limitations?	✓	1	✓	✓	
e. Appropriate self-monitoring requirements?	✓	✓	✓	✓	
f. Sampling frequency?	✓	✓	✓	✓	
g. Sampling locations?	✓	✓	✓	✓	

Comments: 1) Need units on limits' page. City uses internal spreadsheet to calculate monthly limits for this production based Categorical.

SECTION III: INDUSTRIAL USER FILE REVIEW

	FILE 1	FILE 2	FILE 3	FILE 4	FILE 5
h. Requirement for flow monitoring?	✓	✓	✓	✓	
i. Types of samples (grab or composite) for self-monitoring?	✓	✓	✓	✓	
j. Applicable IU reporting requirements?	✓	✓	✓	✓	
k. Standard conditions for:					
Right of Entry?	✓	✓	✓	✓	
Records retention?	✓	✓	✓	✓	
Civil and Criminal Penalty provisions?	✓	✓	✓	✓	
~~Revocation~~ of permit? *"Termination"*	✓	✓	✓	✓	
l. Compliance schedules/ progress reports	n/a	n/a	n/a	n/a	
m. General/Specific Prohibitions?	✓	✓	✓	✓	
n. Where technologically and economically achievable, are P^2 aspects included?	1	1	1	1	
C. Application of Standards					
1. Has the IU been properly categorized?	✓	✓	✓	✓	
2. Were both Categorical Standards and Local Limits properly applied?	✓	✓	✓	✓	
3. Was the IU notified of recent revisions to applicable pretreatment standards? [403.8(f)(2)(iii)]	n/a	n/a	n/a	n/a	
4. For IUs subject to production-based standards, have the standards been properly applied? [403.8(f)(1)(iii)]	n/a	✓	✓	n/a	
5. For IUs with combined wastestreams is the Combined Wastestream Formula or the Flow Weighted Average formula correctly applied? [403.6(d) and (e)]	n/a	n/a	n/a	n/a	
6. For IUs receiving a "net/ gross" variance, are the alternate standards properly applied?	n/a	n/a	n/a	n/a	

Comments: 1) "technologically and economically achievable"? Doubtful. Their permitted SIUs are required to implement/report P2 practices and progress.

SECTION III: INDUSTRIAL USER FILE REVIEW

	FILE 1	FILE 2	FILE 3	FILE 4	FILE 5
7. Is the Control Authority applying a bypass provision to this IU?	✓	✓	✓	✓	
D. Compliance Monitoring					
Sampling					
1. Does the file contain Control Authority sampling results for the industry?	✓	✓	✓	✓	
2. Did the Control Authority sample as frequently as required by its approved program or permit? [403.8(c)]	✓	✓	✓	✓	
3. Does the sampling report(s) include: [403.8(f)(2)(vi)]					
a. Name of sampling personnel?	✓	✓	✓	✓	
b. Sample date and time?	✓	✓	✓	✓	
c. Sample type?	✓	✓	✓	✓	
d. Wastewater flow at the time of sampling?	✓	✓	✓	✓	
e. Sample preservation procedures?	✓	✓	✓	✓	
f. Chain-of-custody records?	✓	✓	✓	✓	
g. Results for all parameters? SIUs & CIUs [403.12(g)(1) - CIUs]	✓	✓	✓	✓	
4. Has the Control Authority appropriately implemented all applicable TTO monitoring/ management requirements?	✓	✓	✓	n/a	
5. Did the Control Authority adequately assess the need for flow-proportion vs. time-proportion vs. grab samples?	✓	✓	✓	✓	
6. Were 40 CFR 136 analytical methods used? [403.8(f)(2)(vi)	✓	✓	✓	✓	

SECTION III: INDUSTRIAL USER FILE REVIEW

	FILE 1	FILE 2	FILE 3	FILE 4	FILE 5
Inspections					
7. Does the IU file contain inspection reports?	✓	✓	✓	✓	
8. a. Has the Control Authority inspected the IU at least as frequently as required by the approved program or permit? [403.8(c)]	✓	✓	✓	✓	
b. Date of last Inspection	11/10	11/10	12/10	12/10	
9. Does the inspection report(s) include: [403.8(f)(2)(vi)] *(See Attach. A-5 for example)*					
a. Inspector Name(s)	✓	✓	✓	✓	
b. Inspection date and time?	✓	✓	✓	✓	
c. Name and title of IU official contacted?	✓	✓	✓	✓	
d. Verification of production rates?	n/a	✓	✓	n/a	
e. Identification of sources, flow, and types of discharge (regulated, dilution flow, etc.)?	✓	✓	✓	✓	
f. Evaluation of pretreatment facilities?	n/a	✓	✓	✓	
g. Evaluation of self-monitoring equipment and techniques?	✓	✓	✓	✓	
h. Evaluation of slug discharge control plan & need to develop? [403.8(f)(2)(v)]	✓	✓	✓	✓	
i. Manufacturing facilities?	✓	✓	✓	✓	
j. Chemical handling and storage procedures?	✓	✓	✓	✓	
k. Chemical spill prevention areas?	✓	✓	✓	✓	
l. Hazardous waste storage areas and handling procedures?	✓	✓	✓	✓	

SECTION III: INDUSTRIAL USER FILE REVIEW

	FILE 1	FILE 2	FILE 3	FILE 4	FILE 5
m. Sampling procedures?	✓	✓	✓	✓	
n. Laboratory procedures?	n/a	n/a	n/a	n/a	
o. Monitoring records?	✓	✓	✓	✓	
p. Evaluation of Pollution Prevention opportunities?	1	1	1	1	
q. Control Authority inspector signature?	✓	✓	✓	✓	
IU Self-Monitoring and Reporting					
10. Does the file contain self-monitoring reports?	✓	✓	✓	✓	
11. Does the file include:					
a. BMR?	arch.	arch.	arch.	n/a	
b. 90-Day Report?	arch.	arch.	arch.	n/a	
c. All periodic reports?	✓	✓	✓	✓	
d. Compliance schedule reports?	n/a	n/a	n/a	n/a	
12. Did the IU report on all required parameters?	✓	✓	✓	✓	
13. Did the IU comply with the required sampling frequency(s)?	✓	✓	✓	✓	
14. Did the IU report flow?	✓	✓	✓	✓	
15. Did the IU comply with the required reporting frequency(s)?	✓	✓	✓	✓	
16. For all SIUs, are self-monitoring reports signed and certified?	✓	✓	✓	✓	
17. Did the IU report all changes in its discharge? [403.12(j)]	n/a	n/a	n/a	n/a	
18. Has the IU developed a Slug Control and Prevention Plan?	✓	✓	✓	✓	

Comments: 1) P2 practices/programs are required in the SIU permits.

SECTION III: INDUSTRIAL USER FILE REVIEW

	FILE 1	FILE 2	FILE 3	FILE 4	FILE 5
19. Has the industry been responsible for spills or slug loads discharged to the POTW?	no	no	no	no	
If yes, does the file contain documentation regarding:					
a. Did the spill cause Pass Through or Interference?	n/a	n/a	n/a	n/a	
b. Did POTW respond to the spill?	n/a	n/a	n/a	n/a	

E. Enforcement

1. Were all IU discharge violations identified in: [403.8(f)(2)(vi)]					
a. Control Authority monitoring results?	n/a	✓	n/a	✓	
b. IU self-monitoring results?	n/a	✓	n/a	n/a	
c. If NS CIU was it compliant within 90 days from commencement of discharge?	n/a	n/a	n/a	n/a	
2. How many reports submitted during the past reporting year indicated discharge violations?	0	4	0	1	
3. Did the IU notify the Control Authority within 24 hours of becoming aware of the violation(s)?	n/a	✓	n/a	✓	
4. Was additional monitoring conducted within 30 days after each discharge violation occurred?	n/a	✓	n/a	✓	
5. Were all nondischarge violations identified in the file?	n/a	n/a	n/a	n/a	
6. Was the IU notified of all violations?	n/a	✓	n/a	✓	
7. Was follow-up enforcement action taken by the Control Authority?	n/a	✓	n/a	✓	

SECTION III: INDUSTRIAL USER FILE REVIEW

	FILE 1	FILE 2	FILE 3	FILE 4	FILE 5
8. Did the Control Authority follow its approved ERP?	✓	✓	✓	✓	
9. Did the Control Authority's enforcement action result in the IU achieving compliance?	n/a	✓	n/a	✓	
10. Is there a compliance schedule?	no	no	no	no	
If yes:					
11. Were there any compliance schedule violations?	--	--	--	-	
12. Was SNC evaluated for the violations on a quarterly basis? [403.8(f)(2)(vii)]	✓	✓	✓	✓	
During such evaluation for SNC, did the CA consider each of the following criteria?					
a. Chronic violations	✓	✓	✓	✓	
b. TRC	✓	✓	✓	✓	
c. Pass through/Interference	✓	✓	✓	✓	
d. Spill/slug loads	✓	✓	✓	✓	
e. Reporting	✓	✓	✓	✓	
f. Compliance schedule	✓	✓	✓	✓	
g. others (specify)					
13. Was the SIU published for SNC?	n/a	n/a	n/a	n/a	
Date of publication.	n/a	n/a	n/a	n/a	

REPORTABLE NONCOMPLIANCE (RNC) for the Pretreatment Audit Checklist

(MUNICIPAL POLLUTION PREVENTION ASSESSMENT CHECKLIST)

Control Authority: City of Rogers NPDES #: AR0043397

Date of Audit: 6/13 - 15/11 Date entered into QNCR: 8/17/11
(ASSESSMENT)

		Level
NO	Failure to enforce against pass through and/or interference	I
NO	Failure to submit required reports within 30 days	I
NO	Failure to meet compliance schedule milestone date within 90 days	I
NO	Failure to issue/reissue control mechanisms to 90% of SIUs within 6 months	II
NO	Failure to inspect or sample 80% of SIUs within the last reporting year	II
NO	Failure to enforce pretreatment standards and reporting requirements	II
YES	Other violations of concern Minor administrative deficiencies	II

SIGNIFICANT NONCOMPLIANCE (SNC)

NO Is the Control Authority in SNC for violation of any Level I criterion.

NO Is the Control Authority in SNC for violation of 2 or more Level II criterion.

PRETREATMENT AUDIT
(MUNICIPAL POLLUTION PREVENTION ASSESSMENT)
INDUSTRIAL SITE VISIT

Control Authority: City of Rogers NPDES #: AR0043397

Name, address and phone number of industry:
MAFCO Inc., 1203 N. 6th Street, 479.631.0404

Type of industry: Mfg. water storage tanks, hydrants, etc.
CFR 433 Date/Time of visit: 6/14/11, 8:40 a.m.

Industry contacts: John Ward, Engineer & Kirby Conner, Assistant Engineer

	Yes	No	N/A
1. Significant industrial user?	✓		
2. Classified correctly?	✓		
3. Pretreatment equipment or procedures?			✓
4. Pretreatment equipment maintained and operational?			✓
5. Hazardous waste generated or stored?	✓		
6. Proper solid waste disposal?	✓		
7. Solvent management/TTO control?	✓		
8. Suitable sampling location?	✓		
9. Appropriate self-monitoring procedures/equipment?	✓		
10. Adequate spill prevention and control?	✓		
11. Industrial familiar with limits and requirements?	✓		
12. Pollution Prevention activity	✓		

Additional comments:
Facility manufacturers residential pressurized water storage tanks, outside wall hydrants, conducts contract machining, press (forming), fabricating, welding, assembly, powder coating and liquid painting. The 5 stage Fluorozirconic acid/rinses prior to the powder coat painting captures them under 40 CFR 433 with its wastewater being discharged to the City.
Raw material includes carbon sheet (14 gauge) steel, bronze castings, steel and brass pipe/tubing, steel and brass bar stock, angle iron, durable paints, MEK thinning solvent, alkaline degreasing agents, nitric/methanesulfonic/ hydrofluoric & phosphoric acids and some alcohols to name some.
2 self-contained CNC machines are used for some turning and drilling. Coolants are hauled off-site. Tramp oil is separated and sold if the oil content is high enough.

Visit conducted by: Gilliam/Burns Date: 6/14/11

(signature of auditor conducting visit)

PRETREATMENT AUDIT

(MUNICIPAL POLLUTION PREVENTION ASSESSMENT)
INDUSTRIAL SITE VISIT (CONTINUED)

Control Authority: City of Rogers NPDES #: AR0043397

Industry name: MAFCO Inc.

Additional comments:
Counter-current flows are employed in their "washer" systems as make-up water for the heated tanks. After the 5-stage fluorozirconic "washer" (conveyor) system, parts are sent through a dry-off oven, then through the powder coat paint booth then "serpentined" through a cure oven for the finished product. The flow controller for this wash system is locked and can only be un-locked by the manager. The final sealant rinse make-up water is automatic float activated. The sump (drain) for this system is bermed w/angle iron.
There is no discharge from the 3-stage "sheet" washer (phosphatizing) system (since '06). They use a squeegee allowing water to be recycled back into the wash system. When "spent", they haul its fluids off-site because of the phosphorous content. Phosphorous loadings from this facility have dropped significantly (see Attach. A-1n).
The "burn-off" oven is located at a point in the building remote from the sampling station and has no wastewater.
There is a wet paint line just for the "tank line" with no wastewater discharged.
There are no floor drains in the building and the main chemical storage area is in a concrete block room with a secured door.
Solvents are recovered.
Chemicals are transferred by forklifts, barrel "tongs" and small buckets (hand-pumped from barrels) which are carried to specific stations when needed. Other small chemical storage areas are on spill pallets near the stations where needed. 55 gallon drums with hydraulic or lubricating oils are in a bermed area also.
A lot of their products are for outside customers.
Adequate sampling point.

Visit conducted by: Gilliam/Burns Date: 6/14/11

(signature of auditor conducting visit)

PRETREATMENT AUDIT
(MUNICIPAL POLLUTION PREVENTION ASSESSMENT)
INDUSTRIAL SITE VISIT

Control Authority: City of Rogers NPDES #: AR0043397

Name, address and phone number of industry:
Preformed Line Products, 2740 S. First Street, 479.636.7600

Type of industry: Aluminum Forming
CFR 467.55

Date/Time of visit:
6/14/11 / 11:25 a.m.

Industry contacts: Steve Renfro / Sr. Industrial Engineer

	Yes	No	N/A
1. Significant industrial user?	✓		
2. Classified correctly?	✓		
3. Pretreatment equipment or procedures?	✓		
4. Pretreatment equipment maintained and operational?	✓		
5. Hazardous waste generated or stored?	✓		
6. Proper solid waste disposal?	✓		
7. Solvent management/TTO control?	✓		
8. Suitable sampling location?	✓		
9. Appropriate self-monitoring procedures/equipment?	✓		
10. Adequate spill prevention and control?	✓		
11. Industrial familiar with limits and requirements?	✓		
12. Pollution Prevention activity	✓		

Additional comments:
IU manufactures components for outdoor utility pole electrical connections (non-current carrying), spiral wound guy wire anchors and rubber molded splice cases for underground applications. The core operation that captures this facility under CFR 467 is the aluminum drawing with neat oil operation. Facility has made a very few changes since the previous audit in 5/08. They have rubber injection molding lines with "chiller" non-contact cooling water.
Other raw material comes in the form of centrifugally and continuous cast aluminum wire rod in coils, some galvanized. Wastewater generating processes include alkaline wash/rinse lines for both galvanized and aluminum wire.
All floor drains in the processing areas are sealed.

Visit conducted by: Gilliam/Burns Date: 6/14/11

(signature of auditor conducting visit)

PRETREATMENT AUDIT
(MUNICIPAL POLLUTION PREVENTION ASSESSMENT)
INDUSTRIAL SITE VISIT (CONTINUED)

Control Authority: City of Rogers NPDES #: AR0043397

Industry name: Preformed Line Products

Additional comments: Facility draws most but, not all wire which leaves as their end-product. There's more wire alkaline cleaned and rinsed than "formed". Most of the wire products are cut and formed into helical (spiral) shapes for winding into one unit. Lubricants in this process are periodically sent off site and replaced. Wire that is rough drawn is sent thru solution heat treatment (~5%) then sent through a "tart" bath and rinse or; sent to a quench tank then back to the final "fine draw" for desired diameter.
Processes with no wastewater generated included the forming of stainless steel round splice cases. A neoprene rubber compound is thermoset into them for underground wire splices. Other operations included cutting, twisting, braiding and forming of wires into shapes necessary for field installation.
The facility's pretreatment consists of all regulated wastewater being sent to a 5,500 gallon holding tank, then through a metals' removal system ("Plymouth Tech." MRS), sludge press dewatering, and pH adjustment before batch discharging. The aluminum wash tank is batch discharged ~every 5 weeks and the galvanized alkaline wash tank ~every 7 weeks. The "in common" rinse tank is discharged at the same time as the aluminum bath. The facility rep. indicated they were going to upgrade the oil & grease removal system.
Production based standards and the facility's practice of batch discharging baths and rinses at different frequencies, as well as fluctuating production rates complicates their permit limits' calculations. The facility's permit reflects limitations based on the facility's dynamic production over several months' data and calculated monthly. Production is obtained by the facility's manager via computer software that tracks (daily) how much wire was "issued" to each station so each subpart's "production" can be tracked and reported. Observing Mr. Renfro's software output would be the only way to verify production for their limits' calculations.
Adequate sampling site with ISCO sampler and ultrasonic flow meter (was not working on day of "visit").

Visit conducted by: Gilliam/Burns Date: 6/14/11

(signature of auditor conducting visit)

PRETREATMENT AUDIT
(MUNICIPAL POLLUTION PREVENTION ASSESSMENT)
INDUSTRIAL SITE VISIT

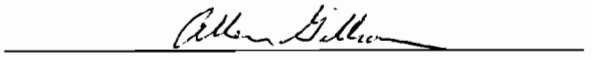
Control Authority: City of Rogers NPDES #: AR0043397

Name, address and phone number of industry:
Bekaert Corp., One Bekaert Drive, 479.621.7661 ex-529
Type of industry: Steel wire drawing and plating for auto tires CFRs 420 & 433 Date/Time of visit: 6/14/11 / 3:15 p.m.
Industry contacts: Rodney Bland - Environmental Manager and Jeff Porter - Wastewater Technician

	Yes	No	N/A
1. Significant industrial user?	✓		
2. Classified correctly?	✓		
3. Pretreatment equipment or procedures?	✓		
4. Pretreatment equipment maintained and operational?	✓		
5. Hazardous waste generated or stored?	✓		
6. Proper solid waste disposal?	✓		
7. Solvent management/TTO control?	✓		
8. Suitable sampling location?	✓		
9. Appropriate self-monitoring procedures/equipment?	✓		
10. Adequate spill prevention and control?	✓		
11. Industrial familiar with limits and requirements?	✓		
12. Pollution Prevention activity	✓		

Additional comments: The facility has an excellent environmental management system with continuing training for their employees.
Facility is ISO 14000 certified and hasn't changed its basic operations since their last audit site visit (~2000). They manufacture steel cord for steel belted tires and other specialty steel wire. Bekaert supplies this product for radial tire reinforcement to most all the world's tire manufacturers.
Raw material includes steel, copper, zinc, hydrochloric, phosphoric and sulphuric acids, borax, copper and zinc plating solutions and lubricants to name some.
Other specialty purpose wire is also produced at this facility an a small scale.

Visit conducted by: Gilliam/Burns Date: 6/14/11



(signature of auditor conducting visit)

PRETREATMENT AUDIT

(MUNICIPAL POLLUTION PREVENTION ASSESSMENT)
INDUSTRIAL SITE VISIT (CONTINUED)

Control Authority: City of Rogers NPDES #: AR0043397

Industry name: Bekaert Corp.

Additional comments: Facility brings in steel wire rod (~3/8" diameter), mechanically de-scales (oxidization) it, then sends it through a pickling (HCL acid) bath (zero discharge) and fresh water rinses it. The steel rod is sent through a hot water/borax bath lubricant for further drawing operations (as many as 11 drawing "stands") where it is reduced to various diameters (down to hair/filament size). The wire is sent through heat treatment to achieve specific mechanical properties. Afterwards the wire is quenched in a hot "fluidized bed" of specialty sand or 3 water baths. The wire is copper "pyro" plated/rinsed, zinc plated/rinsed to form a final brass wire. Grated trenches surround this process area where any overflows or broken pipe, e.g. would be caught. This trench gravity flows to a sump which is then pumped to a spill tank with alarms. Dedicated "mother" tanks are used for recycling each plating/coating tank. Rinse waters that are not counter-current flowed are sent to holding tanks, then pumped to pretreatment. Various air scrubbers are checked/documated daily by operators to make sure they are in working order.

Further drawing and heat treatment is completed on the brass wire. Most of the drawing lubricant is "dry", but as required, they do have some drawing stations with what they call a "wet" (water+"variol") lubricant. Some wire is then "braided" into a very small cable (automated) and then spooled onto cable wheels as a finished product.

The production line with all of its feed and discharge lines was too complex to follow on the schematic provided. All overhead lines as well as flow lines on the production line were clearly marked with contents and arrows indicating flow direction.

Laminated safety placards were clearly visible on most of the support beams throughout the facility. Placarded employee instructions for handling chemicals are posted throughout the facility also.

The production area was very clean and orderly with no floor drains.

Pretreatment consists of equalization, pH adjustment with lime, typical chemical precipitation for metals, clarification and floc with anion/cationic polymers followed by sludge de-watering. Unless production requires, the system is shut down at night with wastewater stored.

Adequate sampling station with an ISCO sampler and (calibration verified) bubble flow meter.

Visit conducted by: Gilliam/Burns Date: 6/14/11

Allen Gilliam

(signature of auditor conducting visit)

PRETREATMENT AUDIT

(MUNICIPAL POLLUTION PREVENTION ASSESSMENT)
INDUSTRIAL SITE VISIT

Control Authority: City of Rogers NPDES #: AR0043397

Name, address and phone number of industry:
Southeast Poultry, 2200 Town West Drive 479.636.3600
Type of industry: Poultry De-boning Date/Time of visit:
6/15/11 / 11:00 a.m.
Industry contacts: Coralee Garrett, Pretreatment Tech./Ken Johnson, Plant Manager/Glen Richards, Assistant Plant Manager

	Yes	No	N/A
1. Significant industrial user?	✓		
2. Classified correctly?	✓		
3. Pretreatment equipment or procedures?	✓		
4. Pretreatment equipment maintained and operational?	✓ &	✓	
5. Hazardous waste generated or stored?			✓
6. Proper solid waste disposal?	✓		
7. Solvent management/TTO control?			✓
8. Suitable sampling location?	✓		
9. Appropriate self-monitoring procedures/equipment?	✓		
10. Adequate spill prevention and control?	✓		
11. Industrial familiar with limits and requirements?	✓		
12. Pollution Prevention activity	?		

Additional comments: Facility de-bones the "backsaddle", thighs and legs of chicken.
The actual wastewater producing process area was not observed. Typical w.w. is simply from poultry, equipment and floor cleaning operations. Wastewater gravity flows to ~25' high X 25' diameter bolted steel equalization tank/aeration basin.
Facility brings in chicken parts for de-boning. They had bought a similar type facility's (closed in '05) land a equipment with existing/old pretreatment equipment which was not in good working order.
Equipment replacement orders have been placed for upgrading/ replacing a lot of the old equipment.

Visit conducted by: Gilliam/Burns Date: 6/15/11

Allen Gilliam

(signature of auditor conducting visit)

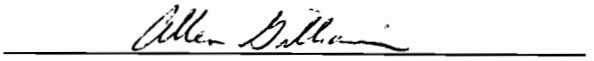
PRETREATMENT AUDIT
(MUNICIPAL POLLUTION PREVENTION ASSESSMENT)
INDUSTRIAL SITE VISIT (CONTINUED)

Control Authority: City of Rogers NPDES #: AR0043397

Industry name: Southeast Poultry

Additional comments:
a metering pump (for polymers) "has been ordered". Facility reps indicated the entire plumbing of the plant needs to be re-arranged. The offal screen will be replaced.
Existing pretreatment consists of an 83,000 gallon equalization tank/aeration basin where dry bacteria is added. This w.w. is pumped to a "Hydron" DAF with anionic/cationic polymers (floccing aids) and dissolved air added as it is pumped. The DAF is cylindrical with a rotating skimmer the pushes the "floatables" (oil/grease) to a hopper that flows to the sludge pit. This sludge is hauled off site by an independent land application company. Anything on the bottom of the DAF is washed out and sent back to the equalization tank. The treated wastewater from the DAF flows into the City's sewage collection system. On the day of the site visit, the pretreatment building, its equipment and office were not in "good condition".
They have a cleaning shift every night and on Sunday.
The facility has had problems consistently meeting the City's CBOD limits. Occasional problems are still occurring with BOD and O&G.
Adequate sampling site with an ISCO sampler and an old ISCO ultrasonic flow meter which "was going to be replaced".
It was stressed to the facility's manager the importance of communications with their Pretreatment Tech., Coralee. Both managers stated that work would be expedited to improve the pretreatment equipment and conditions.

Visit conducted by: Gilliam/Burns Date: 6/15/11



(signature of auditor conducting visit)

Attachment A-1

RENEWAL APPLICATION FOR INDUSTRIAL USER DISCHARGE PERMIT

City of Rogers, Rogers Water Utilities, Arkansas

SECTION 1

COMPANY INFORMATION

Legal Business Name	MAFCO INC.		
Facility Doing Business As	MAFCO INC,		
Location Address	1203 N. 6th STREET		
Mailing Address	P.O. BOX 1058		
Years at Present Location	13		
Authorized Official	Dave Shelley		
Title	General Manager		
Phone	631-0404 ext. 105	Fax	631-3896
E-mail Address	dshelley@tms-inc.us		
Contact Representative(s)	John Wood		
Title	Manufacturing Engineer		
Phone	631-0404 ext. 106		
E-mail Address	jwood.mafco@sbcglobal.net		
Type of Business	Custom Manufacturer		
NAIC Code(s)	3499		
Permit Number	07-MFC	Issue Date 3-1-07	Exp. Date 12-31-09
Categorical Classification	Fabricated Metal Products		
Plans	TOMP	Last Revision Date	3-20-09
	Slug Control	Last Revision Date	3-20-09
	P2	Last Revision Date	3-20-09
	WC/WM	Last Revision Date	3-23-09
# of Employees	21	Hours of Operation	6:00 AM to 4:30 PM
# of Shifts	1	Work days/week	4
Production days per year	199		

Recd 9/4/09

SECTION 2

NATURE OF OPERATION

List raw materials: Liquid paint, MEK thinner, & powder coat paint. 14 ga. sheet steel, various sizes of steel tubing , angle iron, brass & steel bar stock bronze castings, & various steel & aluminum customer parts. Foam wrapping materials, stretch wrap, & wood pallets.

List Chemicals used (or attach list): See attached Exhibit B. The chemicals used in tank #3 and tank #5 of the five-stage washer contain zirconium. When a lab uses EPA test method 200.7 to test for silver the zirconium causes a false positive reading for silver.

Provide detailed description of process: Components are either machined or welded, some are cleaned via a three-stage or a five-stage washer then either liquid painted or powder coated. Some parts are then assembled and some are only washed and powder coated.

Production data – circle **units/day**, kg/day, Mlbs/day):

Process	Welding	Production Rate	50	days/yr	208
Process	Powder coat	Production Rate	1521	days/yr	208
Process	Tank Production	Production Rate	40	days/yr	208
Process	Hydrant Production	Production Rate	20	days/yr	180

Provide description of production trends over the last 12 months and process changes that occurred:

Down 35%

Provide description of projected production trends over the next 12 months and plans to change

Up 15%

SECTION 3

WATER USAGE AND WASTEWATER FLOWS

Water consumption in million gallons: Yearly Total .24502

Maximum per month .020218 Minimum per Month .01942

Number of connections to city sewer: Process Only 0 Sanitary Only 2 Combined 1

Regulated monitoring site contains: ☐ Process Only X Combined Wastestreams

Individual process wastewater flows generated in gallons per production day (GPD). indicate estimated (E) or measured (M):

Process Description	Avg GPD	Max GPD	E / M	Type of Discharge (Batch, Continuous, None)	Avg. Discharge Days per Month
5-Stage Washer					
#2 rinse tank	1000	1000	M	Batch	4
#4 rinse tank	650	650	M	Batch	1
Flow Totals	1650	1650	M		

Other wastwater flows:

Non Process Description	Avg GPD	Max GPD	E / M	Type of Discharge (Batch, Continuous, None)	Avg. Discharge Days per Month
Cooling Water (NonContact)				None	
Cooling Tower Bleed				None	
Boiler Blowdown				None	
DI or RO backwash				None	
Sanitary	525	525	E	Continuous	21
Other					
Flow Totals	525	525	E		

Non-sewered flows/water losses:

Non-Sewered Description	Avg GPD	Max GPD	E / M	Type of Discharge (Batch, Continuous, None)	Avg. Discharge Days per Month
Water Losses Evaporation	279	279	E		17
Water Losses Irrigation				None	
Water Loss to Product				None	
Other					
Flow Totals	279	279	E		

Net total discharged to city of rogers sewer system per production day (GPD):

A-1c

Average 2175 Maximum [redacted]

Facility discharge flow measurement devices:

Flume Type _____ Flow Meter _____

Flume Size _____ Auto-Sampler ISCO Inc. Model 2910

SECTION 4

SPILL PREVENTION

Has this facility experienced a spill or slug discharge into the sanitary sewer or storm drain? Yes

If so, describe the incident (when, what was spilled, amount, cause, response, actions taken to prevent)

See attached letters dated 11-8-05 and 12-1-05.

Does the facility still have the potential to have a slug discharge? ☐ Yes ☒ No

If yes, describe.

SECTION 5

POLLUTION PREVENTION

Describe the best management practices this facility uses to prevent or reduce pollution:

All chemical storage areas have secondary containment.

All water control valves on the part washers are checked monthly for leaks.

The part washer tanks have float controlled fill valves and the main water lines have locks on the valves

Both the five-stage washer and the three-stage sheet washer have an oil skimmer on the wash tank.

During the annual clean up of the three-stage sheet washer, the 1000 gallon wash tank is hauled off along with the two 650 gallon rinse tanks.

SECTION 6

ENVIRONMENTAL MANAGEMENT SYSTEM

Date last revised: 3-23-09

Describe the environmental performance goals and if an environmental management system is in place

The goal of our Management Program is to protect our employees and the environment from exposure to hazardous materials and reduce the possibility of exposure.

SECTION 7

PRETREATMENT SYSTEM

Describe the Pretreatment System. This includes pH adjustment, process chemical and rinse water recovery, waste stream segregation, solids sedimentation, sludge dewatering, etc.

MAFCO does not have a pretreatment system.

During the annual clean out of the five-stage washer the pH is adjusted to the 5 to 11 range before the washer tanks are dumped.

Provide detailed description of all waste hauled offsite including both hazardous and non-hazardous waste hauled offsite. Include name, description, amount, frequency of disposal, and disposal site.

During the annual clean out of the sheet washer, the wash tank and both rinse tanks (2,300 gals.) are hauled offsite for disposal by Siemens Hydrocarbon Services. It is listed as non hazardous oily water. Twice a year we have waste paint (2 to 3 drums) and washer sludge (2 to 4 drums) hauled offsite by RINECO Chemical Industries, Inc.

SECTION 8

MONITORING DATA & SCHEMATICS

Provide: Discharge summary report. Include the analytical test results and corresponding flow readings reported over the past 12 months.
On file at Pollution Control Facility

Provide: Updated facility plan with schematic flow diagram of process activities, wastestreams, and sewer connections. Use multiple pages if necessary.

See attached Exhibits C and D.

I am hereby applying for a City of Rogers Industrial User Discharge Permit to discharge waste from the above-mentioned facility to the City of Roger's wastewater treatment system. I hereby certify that the information submitted in the application is accurate to the best of my knowledge.

Dave Shelley
General Manager

9/4/09
Date

Submit to: Control Authority
Rogers Pollution Control Facility
4300 Rainbow Road, Rogers, AR 72758-1440
Tel. 479-273-7378 Fax 479-273-7627
paulburns@rwu.org

EXHIBIT B

HAZARDOUS MATERIAL INVENTORY LIST

Revised 6/6/08

Material	Quantity	Container	Location
Paint	200 gal.	55 gal. Drums 5 gal. Buckets	B
Paint	400 gal	55 gal. Drums 5 gal. Buckets	C
Paint	6	55 gal. Drums	E
MEK	1	55 gal. Drum	C
MEK	2	55 gal. Drums	E
MEK	1	5 gal. Can	B
Waste Paint	1	55 gal. Drum	C
Waste Paint	4	55 gal. Drums	D
Waste Paint	1	55 gal. Drums	E
Waste Thinner	1	55 gal. Drums	C
Waste Thinner	5	55 gal. Drums	E
#71518 Cleaner	1	450 lb. Drum	G
#10817 Coater	1	550 lb. Drum	G
Buytl Carbitol (Glycol Ether)	1	440 lb. Drum	G
Phosphoric Acid (sheet washer only)	1	5 gal. Can	G
#90517 Final Rinse	1	5 gal. Can	G
Duratec 100	1	55 gal. Drum	H
Liquid Ferro Terj	1	55 gal. Drum	H

EXHIBIT B

HAZARDOUS MATERIAL INVENTORY LIST

Revised 6/6/08

Material	Quantity	Container	Location
Dura Seal	1	5 gal. Bucket	H
Gax 26	4	1 gal. Bottle	H

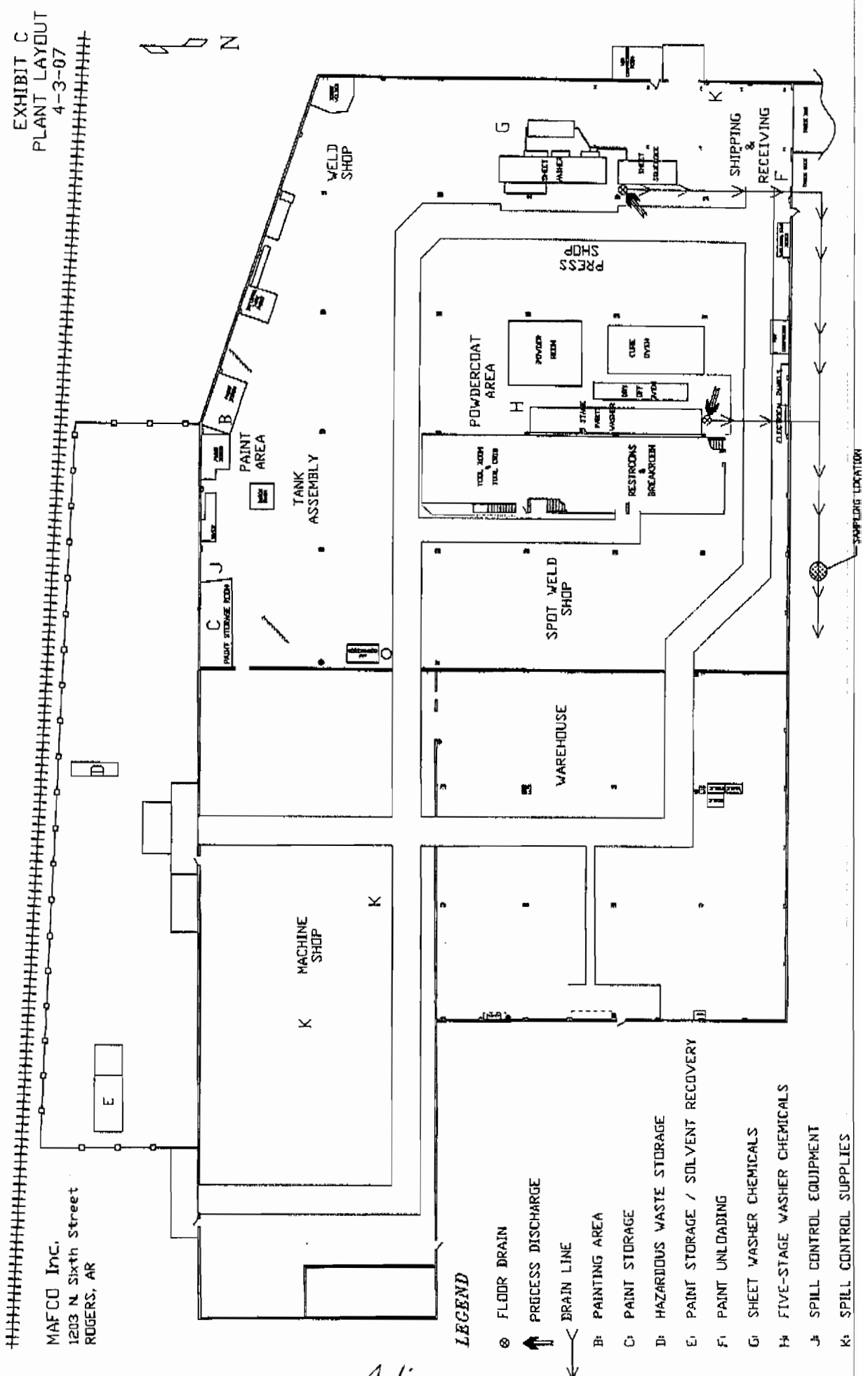


EXHIBIT C
PLANT LAYOUT
4-3-07
N
MAFCO Inc.
1203 N. Sixth Street
ROGERS, AR
WELD SHOP
PAINT AREA
TANK ASSEMBLY
POWDERCOAT AREA
PRESS SHOP
SHIPPING & RECEIVING
SPOT WELD SHOP
WAREHOUSE
MACHINE SHOP
RESTROOMS & BREAKROOM
SAMPLING LOCATION
LEGEND
FLOOR DRAIN
PROCESS DISCHARGE
DRAIN LINE
B: PAINTING AREA
C: PAINT STORAGE
D: HAZARDOUS WASTE STORAGE
E: PAINT STORAGE / SOLVENT RECOVERY
F: PAINT UNLOADING
G: SHEET WASHER CHEMICALS
H: FIVE-STAGE WASHER CHEMICALS
J: SPILL CONTROL EQUIPMENT
K: SPILL CONTROL SUPPLIES

A-1;

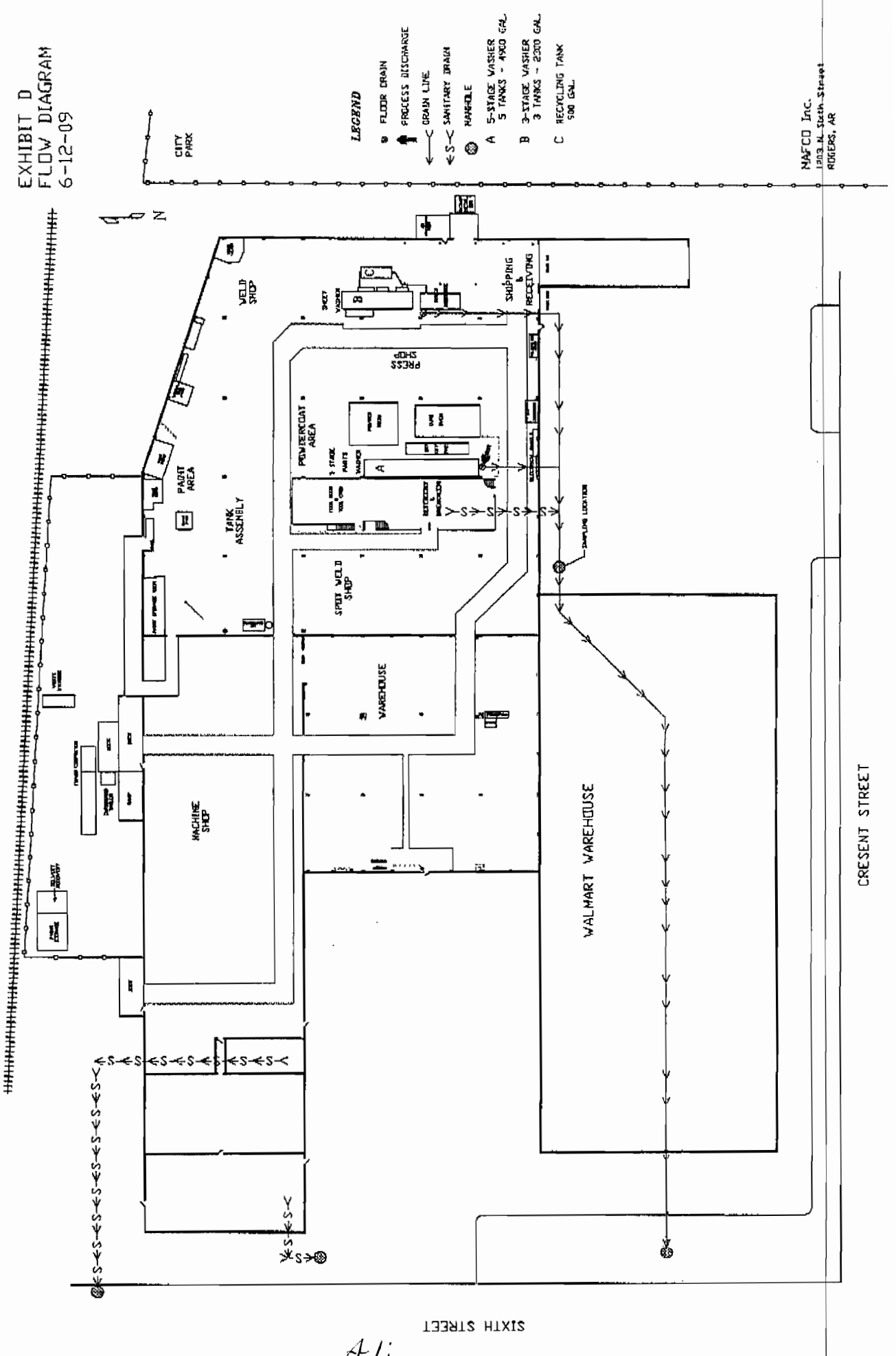


EXHIBIT D
FLOW DIAGRAM
6-12-09
CITY PARK
LEGEND
FLOOR DRAIN
PROCESS DISCHARGE
DRAIN LINE
SANITARY DRAIN
MANHOLE
A 5-STAGE WASHER 5 TANKS - 4900 GAL.
B 3-STAGE WASHER 3 TANKS - 2200 GAL.
C RECYCLING TANK 500 GAL.
MAFCO Inc.
1203 N. Sixth Street
ROGERS, AR
N
WELD SHOP
SHEET WASHER
SHIPPING & RECEIVING
PRESS SHOP
POWDERCOAT AREA
PAINT AREA
TANK ASSEMBLY
SPOT WELD SHOP
WAREHOUSE
MACHINE SHOP
WALMART WAREHOUSE
SAMPLING LOCATION
CRESENT STREET
SIXTH STREET

AJ

Exhibit H

MAFCO Inc.

SLUG discharge from Sheet Washer on 11/4/05:

At approximately 5:00 PM on Friday, Nov 4, the valve on a 1 ¼" water line was turned on to top up the wash tank on the three-stage parts washer (sheet washer) instead of using the float controlled valve that is also on that tank. The supervisor forgot to check the tank and left it turned on when he went home. The problem was discovered at 5:00 AM on Monday, Nov 7, approximately 60 hours elapsed time. All three tanks of the washer had been flushed out and had nothing but fresh water in them. The tanks involved are (1) 1,000 gal. wash tank and (2) 645 gal. rinse tanks. The total amount of water dumped in this incident is estimated at 72,000 gallons. The normal weekly dump from this washer is (1) 645 gal. rinse tank. MAFCO's normal weekly dump is 645 gal. from this washer and a 1,000 gal. rinse tank from our second parts washer. These tanks are normally dumped on Fridays except the dump for the first of the month report, which is done on Monday. During periods of heavy production the tanks are sometimes dumped on Saturday instead of Friday. Because of this incident the dump for the November report will done on Monday, Nov 14. The last complete dump of the three-stage washer was on 6/18/04. Attached is a list of dump dates since May of 2004. The current six month average for phosphate from these dumps is 17.17, most of which comes from the three-stage washer.

The concentration level of the solution in the wash tank is maintained between 10 & 12 points using a titration method and the pH level is maintained between 4.5 & 6. There is no record available of the phosphate level of the wash tank by itself. The chemicals involved and the quantities required to charge the system are as follows:

Custom Chemicals - #10817 Coater	40 gal.
Custom Chemicals - #71518 Cleaner Booster	16 gal.
Eastman – DB Solvent	16 gal.
Soda Ash (for pH adjustment)	3 lbs.

The MSDS sheets for these chemicals are attached.

In order to insure this situation is not repeated we have installed locks on the 1 ¼" water lines at all three tanks of the three-stage washer. There is also a float-controlled valve on all the tanks which will be used to maintain the water level. The keys for these locks will be controlled by the Plant Manager and the Weld Shop Supervisor. The 1 ¼" lines will only be used to refill the tanks after they have been cleaned out. This washer is due to be cleaned out before the end of the year.

John Wood 11-08-05

Manufacturing Engineer

MAFCO Inc.

SLUG discharge from five-stage washer on 11/30/05:

At approximately 5:00 PM on Wednesday, Nov. 30, the valve on a 1 ¼" water line was turned on to top up the #2 rinse tank of the five-stage parts washer. The supervisor did not check the tank before he went home that evening so the water ran all night until it was discovered at approximately 5:00 AM the next morning. The volume of water dumped is estimated at 14,400 gallons. The tank involved is the one that is normally dumped every week. The phosphate content should have been minimal because the tank was last dumped on Wednesday Nov. 23 and the plant did not work on Thursday or Friday.

We have lockouts ordered for all the 1 ¼" water lines on this washer. They are due this week and will be installed as soon as they come in. We plan to have ¾" float-controlled valves installed on this washer by January 2006. To additionally control this problem in the future the last person to leave the plant at night is responsible for checking the tanks on all the parts washers to be sure the water valves are not turned on.

John Wood 12-01-05
Manufacturing Engineer

MAFCO INC.

FAX MESSAGE

FAX (479) 631-3896 PHONE (479) 631-0404

TO: Paul Burns **DATE:** Sep. 4, 09

FROM: John Wood **PAGES:** 14

SUBJECT: Discharge Permit Application

Attached please find our permit application.

Since we have changed to non-phosphate chemicals in the five-stage washer and we have historically not had any problems with metals content (except the silver experience), I would like to change our monitoring schedule. (Reference the attached chart)

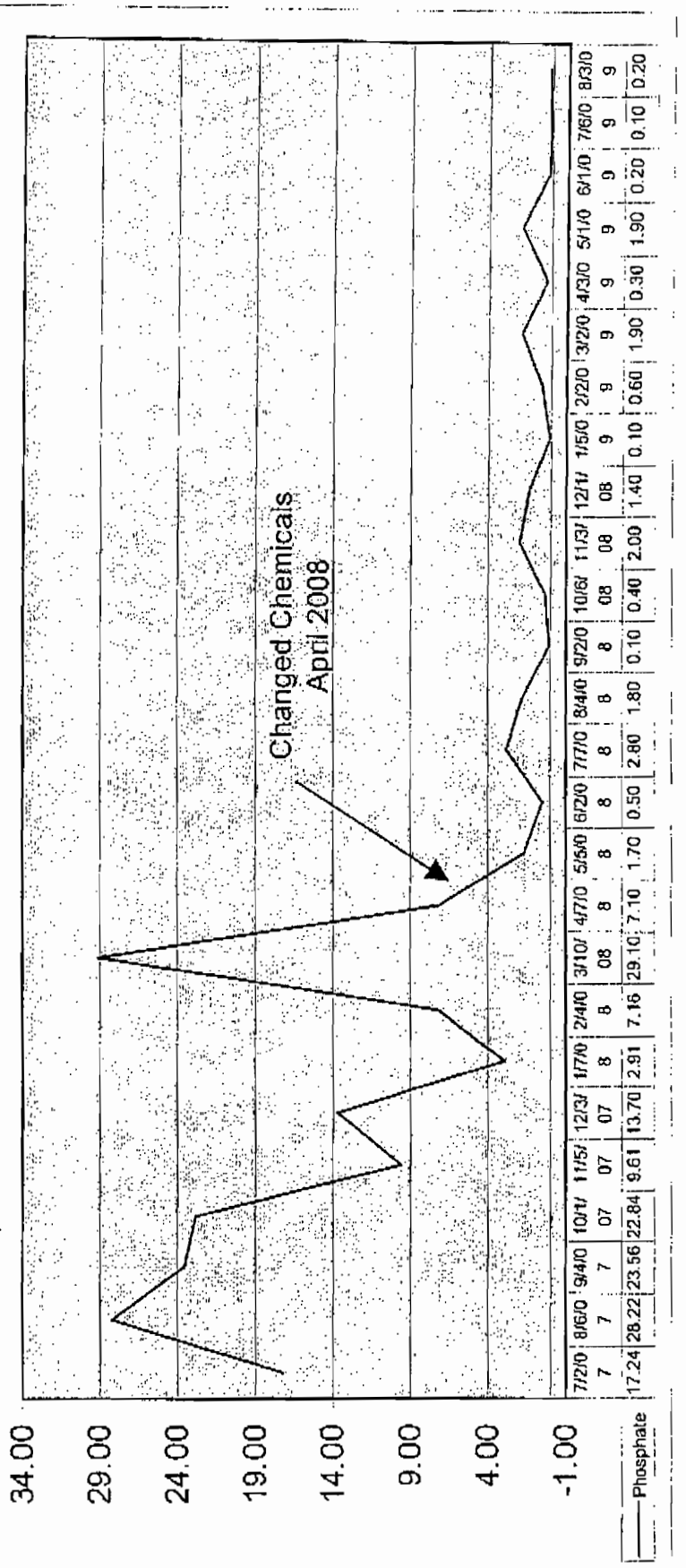
We are currently sampling twice a year for full metals plus phosphorus and cyanide. I would like to change to only doing those two samples. That would be a cost savings of over $1,000 per year.

Please advise your thoughts on this.

Thanks,
John

A-1m

Waste Water Phosphate Level



	7/2/0	8/6/0	9/4/0	10/1/	11/5/	12/3/	1/7/0	2/4/0	3/10/	4/7/0	5/5/0	6/2/0	7/7/0	8/4/0	9/2/0	10/6/	11/3/	12/1/	1/5/0	2/2/0	3/2/0	4/3/0	5/1/0	6/1/0	7/6/0	8/3/0
Phosphate	17.24	28.22	23.56	22.84	9.61	13.70	2.91	7.16	29.10	7.10	1.70	0.50	2.80	1.80	0.10	0.40	2.00	1.40	0.10	0.60	1.90	0.30	1.90	0.20	0.10	0.20

A-1N

Attachment A-2

ROGERS POLLUTION CONTROL FACILITY

"Serving Rogers - Protecting Our Environment"

Permit No.: 10-MFC

INDUSTRIAL USER DISCHARGE PERMIT

In accordance with the provisions and conditions of the Rogers Code of Ordinances Article V of Chapter 118, and also any applicable provisions of Federal or State laws or regulations,

MAFCO
1203 North Sixth Street
Rogers, Arkansas 72756

is hereby authorized by the City of Rogers, Arkansas, to discharge industrial wastewaters from its processing operations located at the above address into the City of Rogers' wastewater treatment system in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in this permit. Compliance with this permit does not relieve the permittee of its obligation to comply with any and or all applicable pretreatment regulations, standards, or requirements under local, state, and Federal laws, including any such regulations, standards, requirements, or laws that become effective during the term of this permit.

All discharges authorized herein shall be in accordance with the effluent limitations, monitoring requirements, terms and conditions set forth in Parts I through V of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit.

This permit shall become effective on January 1, 2010. This permit and the authorization to discharge shall expire at midnight on December 31, 2012.

If the permittee wishes to continue to discharge after the expiration date of this permit, an application must be filed for a renewal permit in accordance with the requirements of the Rogers City Code, a minimum of 90 days prior to the expiration date.

Signed this 14th day of December 2009

Paul N Burns

Control Authority
Paul N Burns
Pretreatment Coordinator

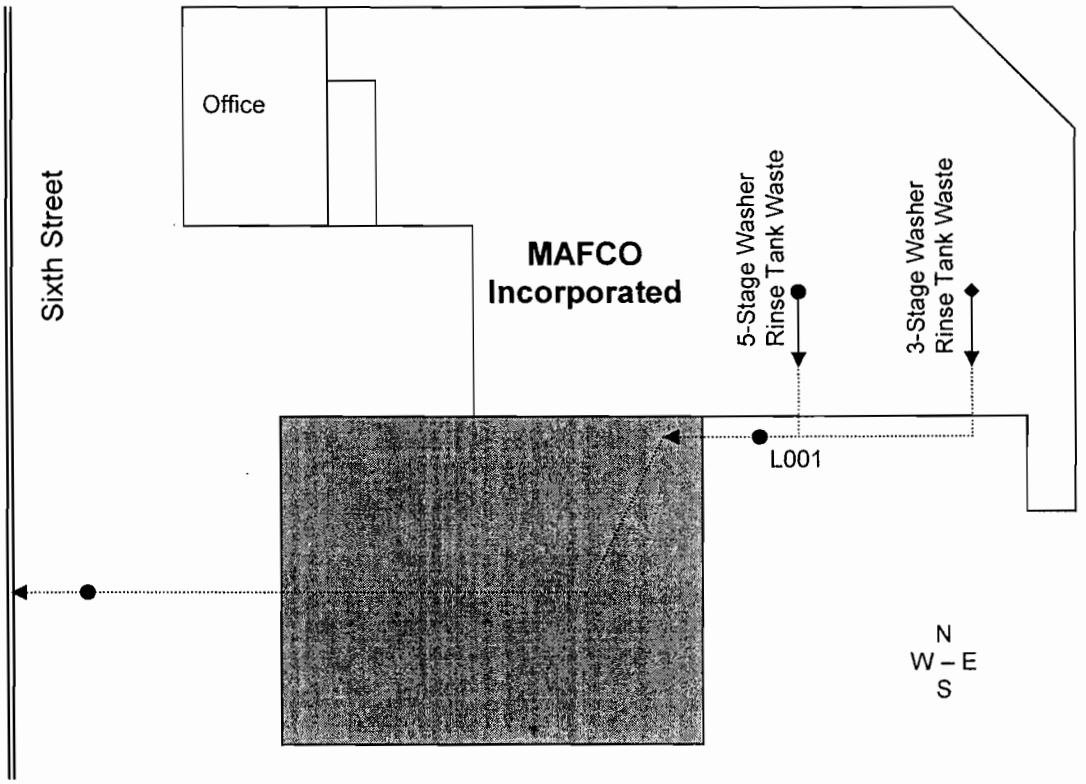
PART I PERMIT REQUIREMENTS

SECTION A. EFFLUENT LIMITATIONS

1. Description of Wastestream Locations

During the period of Jan 1, 2010 through December 31, 2012, the permittee is authorized to discharge: from the 5-stage washer the 1000 gallon #2 rinse tank wastewater once per week; the 650 gallon #4 rinse tank wastewater once per month; all five tanks from the 5-stage washer once per year. The #3 tank of the 5-stage washer no longer has elevated phosphorus levels. The previous permit required that the #3 wastestream be either hauled off-site or treated to meet required phosphorus levels. The #3 tank can now be dumped once per year. The permittee has modified the 3-stage washer design and there is no need to discharge any wastewater from this washer. The permittee shall discharge the specified wastewater to the City of Rogers wastewater collection system from the following location:

Location 001 – a monitoring flume located outside in the south central section of the facility. The discharge may consist of a daily domestic-only waste, and the process generated wastestreams from the 5-stage washer operation as specified above.



2. Effluent Limitations

Location 001 – Effective Jan 1, 2010 and lasting through December 31, 2012, the quality of the effluent discharged from Location 001 shall not exceed the following effluent limitations. In addition, the discharge shall comply with 40 CFR Part 403 General Pretreatment Regulations 40 CFR Part 433.17 Metal Finishing Regulations Pretreatment Standards for New Sources (PSNS), and with all applicable regulations and standards contained in the City Code. Any single analysis and/or measurement beyond the daily maximum limit and/or any calculated monthly average beyond the monthly average maximum limit shall be considered a violation of the conditions of this permit. Sanitary waste will not be discharged while the batch discharge(s) is being monitored.

Average Batch 1/Week Flow ..... 0.001000 MGD
Average Batch 1/Month Flow ..... 0.001650 MGD
Average Batch 1/Year Flow..... 0.004900 MGD

	DAILY MAXIMUM[1]		MONTHLY AVERAGE[2]	
POLLUTANT	**mg/L**	**TRC[3]**	**mg/L**	**TRC[3]**
Cadmium (T)	0.11	0.132	0.07	0.084
Chromium (T)	2.77	3.324	1.71	2.052
Copper (T)	3.38	4.056	2.07	2.484
Lead (T)	0.69	0.828	0.43	0.516
Nickel (T)	3.98	4.776	2.38	2.856
Silver (T)	0.43	0.516	0.24	0.288
Zinc (T)	2.61	3.132	1.48	1.776
Cyanide (T)	1.20	1.440	0.65	0.780
TTO[4]	Report Only		Report Only	
Phosphorus, Total	Report Only		Report Only	
pH	Within the range of 5.0 to 12.0 at all times			

[1] **Daily Maximum** discharge limitation means the highest allowable daily discharge determined during the calendar month.

[2] **Monthly Average** discharge limitation means the highest allowable average of all daily discharges determined during the calendar month. Compliance with the monthly average effluent limitations is required regardless of the number of samples analyzed and averaged.

[3] **Technical Review Criteria** means a numeric threshold of 20% above daily and/or monthly limits (40% for BOD, TSS, fats, oil and grease). pH is excluded. The TRC limit is used to define a subcategory of SNC. A SNC violation is determined where 33 percent or more of all of the measurements taken during a six-month period equal or exceed the product of the TRC limit.

[4] **TTO** shall mean total toxic organics, which is the sum of all quantifiable organic compounds specified in 40 CFR Part 433.11(e) which are greater than 0.010 mg/L.

SECTION B. MONITORING REQUIREMENTS

1. Monitoring Requirements

Location 001 The permittee is required to monitor only process generated 5-stage washer wastewater at this location. Monitoring shall exclude any sanitary wastestream during the time of collection. At a minimum, the following parameters shall be monitored at the frequency and with the type of measurement indicated:

Parameter	5SW-RT[1] Batch	5SW-ALL[2] Batch	Sample Type
Flow, gpd	Daily/Monthly	All Discharges	Indicate/Totalize
Cadmium (T)	2/Year[3]	All Discharges	Composite[4]
Chromium (T)	2/Year[3]	All Discharges	Composite[4]
Copper (T)	2/Year[3]	All Discharges	Composite[4]
Lead (T)	2/Year[3]	All Discharges	Composite[4]
Nickel (T)	2/Year[3]	All Discharges	Composite[4]
Silver (T)	2/Year[3]	All Discharges	Composite[4]
Zinc (T)	2/Year[3]	All Discharges	Composite[4]
Cyanide (T)	2/Year[3]	All Discharges	Discrete Grab[5]
TTO	As Necessary	As Necessary	Discrete Grab[5]
Phosphorus, Total	2/Year[3]	All Discharges	Composite[4]
pH	2/Year[3]	All Discharges	pH Grab[6]

[1] **5SW-RT** is defined as a batch discharge from the 5-stage washer rinse tanks (#2 and #4 tanks). The batch discharge shall not exceed 1,650 gallons. Shall only be discharged once per month (the #2 tank shall be discharged once per week but is not monitored unless discharged with the #4 tank). Tanks should be agitated prior to discharge and the entire discharge must be sampled.

[2] **5SW-ALL** is defined as a batch discharge from all five of the 5-stage washer tanks. The total batch discharge shall not exceed 4,900 gallons. Shall only be discharged once per year. Tanks should be agitated prior to discharge and the entire discharge must be sampled.

[3] **2/Year** is defined as twice a year with one sample collected between January and June and the second sample collected between July and December.

[4] **Composite** sample is defined as a minimum of 12 samples collected at equal time intervals over the batch discharge period and composited proportional to flow.

[5] **Discrete Grab** sample is defined as a minimum of 4 representative samples collected equally over the monitoring period, each one individually preserved at the time of collection and composited for a single result or 1 representative sample collected and preserved where the permittee states that to the best of knowledge the discrete grab sample is representative of the daily operation.

[6] **pH Grab** sample means an individual sample collected without regard for flow and time at a representative point in the discharge stream. A duplicate sample should be collected within 5 minutes and both grab samples must be analyzed within 15 minutes of sample collection. MAFCO is required to collect 1 set of duplicates during the batch discharge.

2. Additional Monitoring Requirements

The permittee shall be required by the Control Authority to perform additional monitoring as necessary to verify the absence of specific pollutants, determine the toxicity of the discharge through biomonitoring testing, and identify and assess uncontrolled discharge measures and pollution prevention options.

3. TTO Monitoring Alternative

As an alternative to routine monitoring for TTO, the permittee has elected to develop a Toxic Organic Management Plan (TOMP) specifying the toxic organic compounds used, the method of disposal, and procedures for ensuring that toxic organics do not routinely spill or leak into the wastewater collection system.

The TOMP should include the following information.

(a) A complete inventory of all toxic organic chemicals in use or identified through sampling and analysis of the wastewater from regulated process operations for all toxic organic compounds listed in 40 CFR Part 433. Organic constituents of trade-name products should be obtained from the supplier.

(b) A pollution prevention assessment for TTOs.

(c) A description of the methods of disposal other than discharge to wastewaters, such as reclamation, contract hauling, or incineration.

(d) The procedures for ensuring that the regulated toxic organic pollutants do not spill or routinely leak into process wastewaters, floor drains, noncontact cooling water, groundwater, surface waters, sanitary sewers or any other location which allows the discharge of the compounds.

(e) The identities and determinations or estimates of approximate quantities of toxic organic pollutants used in and discharged from the regulated processes. Compounds present in the wastestreams that are discharged to sanitary sewers or surface waters may be a result of regulated processes or disposal, spills, leaks, rinse water carryover, and other sources.

The Control Authority has approved the TOMP and the permittee may demonstrate compliance with TTO requirements by certifying that the facility is adhering to the TOMP. The certification statement must be signed by a responsible corporate officer of the company or duly authorized representative. The permittee must provide the following certification statement with the initial TOMP and with each subsequent DMR:

> "Based on my inquiry of the person or persons directly responsible for managingcompliance with the permit limitations 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 discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to the Control Authority."

The permittee elected to submit a TOMP in lieu of routine TTO monitoring. The initial TOMP was approved February 7, 1997. Since initial approval the permittee has submitted multiple TOMP revisions; the latest was submitted in March 20, 2009. 5SW-RT was TTO monitored May 5, 2008 and all results were non-detect.

The permittee must submit notification that the approved TOMP is accurate or submit a revised TOMP within 120 days of this permit. During the duration of this permit the permittee must review and revise the TOMP as necessary.

The certification eligibility may be revoked if independent sampling reveals violations or results inconsistent with the values reported by the permittee or for other cause. Furthermore, if any production process is modified, or if conditions change that affect the use and/or storage of toxic organics, the permittee shall notify the Control Authority. The Control Authority may require that additional sampling be performed.

4. Additional Monitoring Requirements

The permittee shall be required by the Control Authority to perform additional monitoring as necessary to:

(a) Verify the absence of specific pollutants,
(b) Determine the toxicity of the discharge through biomonitoring testing, and
(c) Identify and assess uncontrolled discharge measures and pollution prevention options.

SECTION C. MONITORING REPORT REQUIREMENTS

1. Discharge Monitoring Report

The Industrial User shall submit to the Control Authority during the months of June and December, unless required more frequently in the Pretreatment Standard or by the Control Authority or the Approval Authority, a report indicating the nature and concentration of pollutants in the effluent which are limited by such categorical Pretreatment Standards. All monitoring results obtained during the calendar month shall be summarized and reported on a discharge monitoring report (DMR) provided by the Control Authority. The DMR and copy of all analytical results shall be submitted to the Control Authority on or before the 15th of the months indicated above. The DMR shall indicate the nature and concentration of all pollutants in the effluent that are regulated by the limits set forth in Part I Section A.2, and include measured daily flows and total monthly flows. DMRs shall be submitted even when no discharge occurs during the monitoring period. The DMR shall contain the following:

(a) Industry name, address and contact representative;
(b) Monitoring period;
(c) Daily and monthly average pollutant concentration and loading results;
(d) Total, average and daily flow readings;
(e) Signatory certification statement; and
(f) Signature of authorized representative.

The DMR shall be mailed, faxed, or emailed to:

Control Authority
4300 Rainbow Road
Rogers, Arkansas 72758-1440
479-273-7627 (fax)
paulburns@rwu.org

If, during any period, the permittee fails to comply with permit requirements and limitations, the permittee shall submit to the Control Authority as part of the DMR an explanation of the noncompliance, any known or suspected cause, and actions the permittee has taken to prevent further occurrences.

SECTION D. SPECIAL REQUIREMENTS

1. Voluntary Phosphate Reduction

In 2000 the permittee voluntarily initiated actions to reduce the average phosphate concentration discharged into the city collection system. These actions included identifying phosphorus sources in the process operations and monitoring the effluent to determine phosphorus loading to the system. The permittee reviewed all chemicals used in the process operations, specifically those chemicals used in the 3-stage and 5-stage washers, and worked with suppliers and customers to reduce phosphorus concentration levels below 20 mg/L. As of May 2008, the industrial user has reduced phosphorus concentration levels below 3 mg/L with respect to the 5-stage washer.

At this time the permittee has elected to discontinue discharging the process waste from the 3-stage washer. This wastestreams will be isolated and pumped off-site for proper disposal. The permittee will continue to monitor all wash and rinse tank discharges at the frequency stated in this permit.

SECTION E. COMPLIANCE SCHEDULE

Compliance Schedule Requirements

This is a renewed permit. The permittee is currently in full compliance with the existing permit. The permittee shall achieve compliance with the effluent limitations specified for discharge in accordance with the following schedule:

(a) Comply with the effluent limitations by January 1, 2010
(b) Submit revisions or a statement of review of the slug control plan and pollution prevention plan by April 1st 2010.

PART II STANDARD CONDITIONS

SECTION A. GENERAL CONDITIONS

1. Severability

The provisions of this permit are severable and, if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

2. Duty to Comply

The permittee must comply with all conditions of this permit. Failure to comply with the requirements of this permit shall be grounds for administrative action, or enforcement proceedings including civil or criminal penalties, injunctive relief, and summary abatement.

3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or correct any adverse impact to the public treatment plant or the environment resulting from noncompliance with this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

4. Permit Termination

This permit may be terminated for the following reasons:

(a) Creates a dangerous situation threatening human health, the environment or publicly owned treatment works (POTW);
(b) Exceeds discharge limits and results in damage to the environment;
(c) Causes the POTW to violate its NPDES permit;
(d) Causes interference or pass through or damage to human health or the POTW;
(e) Fails to meet effluent limitations and/or violates any term or permit conditions;
(f) Fails to notify the Control Authority of violations or discharges that result in damage;
(g) Fails to accurately report the discharge constituents and characteristics;
(h) Obtains this permit by misrepresentation or failure to disclose fully all relevant facts;
(i) Fails to report significant changes in operation or discharge volume or characteristics;
(j) Falsifies self-monitoring reports;
(k) Tampers with monitoring equipment;
(l) Refuses to allow timely access to the facility premises and records;
(m) Fails to meet compliance schedules; and
(n) Fails to pay fines and/or sewer charges.

5. Permit Modification

This permit may be modified for good causes including, but not limited to, the following:

(a) To incorporate any new or revised Federal, State, or local pretreatment standards or requirements;
(b) Substantial alterations or additions to the discharger's operation processes, or discharge volume or character which were not considered in drafting the effective permit;
(c) A change in any condition in either the industrial user or the POTW that requires either a temporary or permanent reduction or elimination of the authorized discharge;
(d) Information indicating that the permitted discharge poses a threat to the Control Authority's collection and treatment systems, POTW personnel or the receiving waters;
(e) Violation of any terms or conditions of the permit;
(f) Misrepresentation or failure to disclose fully all relevant facts in the permit application or in any required reporting;
(g) Revision of or variance from such categorical standards pursuant to 40 CFR 403.13;
(h) To correct typographical or other errors in the permit;
(i) To reflect transfer of the facility ownership and/or operation to a new owner/operator;
(j) Upon request of the permittee, provide such request does not create a violation of any applicable requirements, standards, laws, or rules and regulations.

The filing of a request by the permittee for a permit modification, revocation or reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

6. Permit Appeals

The permittee may petition to appeal the terms of this permit within 30 days of the notice. This petition must be in writing; failure to submit a petition for review shall be deemed to be a waiver of the appeal. In its petition, the permittee must indicate the permit provisions objected to, the reasons for this objection, and the alternative conditions, if any, it seeks to be placed in the permit.

The effectiveness of this permit shall not be stayed, pending reconsideration by the Rogers' Waterworks and Sewer Commission. If, after considering the petition and any arguments put forth by the Superintendent, the Waterworks and Sewer Commission determines that reconsideration is proper, it shall remand the permit back to the Superintendent for reissuance. Those permit provisions being reconsidered by the Superintendent shall be stayed pending reissuance.

A Waterworks and Sewer Commission's decision not to reconsider a final permit shall be considered final administrative action for purposes of judicial review. The permittee seeking judicial review of the Waterworks and Sewer Commission's final action must do so by filing a complaint with the court of appropriate jurisdiction.

7. Limitation on Permit Transfer

Permits may be reassigned or transferred to a new owner and/or operator with prior approval of the Control Authority:

(a) The permittee must give at least 30 days advance notice to the Control Authority.
(b) The notice must include a written certification by the new owner which:
    1) States that the new owner has no immediate intent to change the facility's operations and processes;
    2) Identifies the specific date on which the transfer is to occur;
    3) Acknowledges full responsibility for complying with the existing permit.

The permittee must provide advance notice to the Control Authority of the transfer of a permitted facility.

8. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must submit an application for a new permit at least 90 days before the expiration date of this permit.

9. Continuation of Expired Permits

An expired permit will continue to be effective and enforceable until the permit is reissued if:

(a) The permittee has submitted a complete permit application at least 90 days prior to the expiration date of the user's existing permit.
(b) The failure to reissue the permit, prior to expiration of the previous permit, is not due to any act or failure to act on the part of the permittee.

10. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any violation of Federal, State or local laws or regulations.

11. Dilution

The permittee shall not increase the use of potable or process water or, in any way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this permit.

12. Compliance with Applicable Pretreatment Standards and Requirements

Compliance with this permit does not relieve the permittee from its obligation regarding compliance with any and all applicable local, State and Federal pretreatment standards and requirements including any such standards or requirements that may become effective during the term of this permit.

SECTION B. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS

1. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all treatment operations and systems which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes but is not limited to: effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. The operating staff shall be qualified to carry out operation, maintenance and testing functions required to insure compliance with the conditions of this permit. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this permit.

2. Duty to Halt or Reduce Activity

Upon reduction of efficiency of operation, or loss or failure of all or part of the treatment system, the permittee shall, to the extent necessary to maintain compliance with this permit, control production or discharges or both until operation of the treatment is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power of the treatment facility fails or is reduced. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

3. Bypass of Treatment System

Bypass, or the intentional diversion of wastestreams from any portion of the permittee's treatment system, is prohibited, unless:

(a) Bypass is unavoidable to prevent loss of life, personal injury, or severe property damage.
(b) There is no feasible alternative to the bypass, such as the use of auxiliary treatment operations, retention of untreated wastes, or maintenance during normal periods of equipment downtime.
(c) The bypass does not cause effluent limitations to be exceeded, but only if it is also for essential maintenance to assure efficient operation.
(d) The permittee submits one of the required bypass notices:
    1) Anticipated Notice. If the permittee knows in advance of the need for a bypass, is shall submit prior written notice, at least ten days before the date of the bypass, to the Control Authority. The Control Authority may approve an anticipated bypass, after considering the adverse effects, if the Control Authority determines that the permittee will meet the three conditions listed in Section B.3. (a), (b) or (c).
    2) Unanticipated Notice. A permittee shall submit oral notice of an unanticipated bypass that exceeds applicable pretreatment standards to the Control Authority within 24 hours from the time the permittee becomes aware of the bypass. A written submission shall also be submitted within 5 days of the time the permittee becomes aware of the bypass. The Control Authority may waive the written notice on a case-by-case basis if the oral notice has been received within 24 hours.

(e) All notices, whether for anticipated or unanticipated bypasses, shall contain:
1) A description of the bypass and its cause;
2) The duration of the bypass, including exact dates and times;
3) If the bypass has not been corrected, the anticipated time it is expected to continue;
4) Steps taken or planned to reduce, eliminate and prevent reoccurrences of the bypass.

4. Removed Substances

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in accordance with Section 405 of the Clean Water Act, Subtitles C and D of the Resource Conservation and Recovery Act (RCRA), and any applicable state and local regulation.

5. Power Failure

The permittee is responsible for maintaining adequate safeguards to prevent the discharge of untreated or inadequately treated wastes during electrical power failure either my means of alternate power sources, standby generators, or retention of inadequately treated effluent.

SECTION C. MONITORING AND RECORDS

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge during the entire monitoring period. All samples shall be taken at the monitoring points specified in this permit and, unless otherwise specified, before the effluent joins or is diluted by any other wastestream, body of water, or substance. Monitoring points shall not be changed without notification to and the approval of the Control Authority. The permittee shall ensure that all equipment used for sampling and analysis is routinely calibrated, inspected and maintained to ensure accuracy of measurement.

2. Flow Measurements

Appropriate flow measurement devices and methods consistent with approved scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitoring discharges. The devices shall be installed, calibrated, and maintained to ensure that the accuracy of the measurements are consistent with the accepted capability of the device. Devices shall be capable of measuring flows with a maximum deviation of less than $\pm$10% from true discharge rates throughout the range of expected discharge volumes. The discharge flow measurement device that activates the autosampler shall be installed at the monitoring point of discharge and must be calibrated by a certified technician at least yearly. In-house calibration must be performed on both devices at a frequency to verify accuracy and reliability of measurements. The permittee is responsible for ensuring that each daily flow measurement is representative of the discharge during that period. Comparison of flow measurements from each device is required to ensure accuracy and reliability of discharge measurements. All flow readings and calibration records must be maintained for a minimum of 3 years.

3. Monitoring and Analysis Procedures

All monitoring and analysis required by this permit shall be performed in accordance with the techniques and test procedures prescribed in 40 CFR Part 136 and amendments thereto, otherwise approved by EPA. An adequate analytical quality control program, including the analysis of sufficient standards, spikes and duplicate samples to insure the accuracy of all required analytical results shall be maintained by the permittee or designated commercial laboratory. Where analytically applicable, spikes and duplicate samples are to be analyzed on at least 10% of the samples. Except for pH, all analysis shall be performed by a laboratory that is currently certified by the State of Arkansas for the regulated parameter. The permittee may analyze and report pH readings in-house provided the test procedures prescribed in 40 CFR 136 are followed and a record of all calibrations and analysis are maintained for a minimum of 3 years.

4. Additional Monitoring by the Permittee

If the permittee monitors any pollutant more frequently than required by this permit, using test procedures approved under 40 CFR Part 136 or amendments thereto, all monitoring results for regulated parameters reported at the point of compliance shall be included in any calculations of actual daily maximum or monthly average pollutant discharge and the results shall be reported in the DMR.

5. Sample Collection

Samples for oil/grease, temperature, pH, cyanide, phenols, and volatile organic chemicals must be obtained using grab collection techniques. The permittee must collect all other wastewater samples using flow proportional composite collection techniques. In the event flow proportional sampling is not feasible, the Control Authority may authorize the use of time proportional sampling or through a minimum of four grab samples where the permittee demonstrates that this will provide a representative sample of the effluent being discharged.

6. Sampling and Analysis Record Contents

Records of sampling and analyses shall include:

(a) The date, exact place, time, and methods of sampling or measurements and sample preservation techniques or procedures;
(b) The individual(s) who performed the sampling or measurement;
(c) The date(s) analyses were performed;
(d) The individual(s) who performed the analyses;
(e) The analytical techniques or methods used; and
(f) The results of all required analyses.

7. Retention of Records

(a) The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date

of the sample, measurement, report, or application. This period shall be extended by request of the Control Authority at any time. The permittee shall make such records available for inspection and copying by the Control Authority.

(b) All records that pertain to matters that are the subject of special orders or any other enforcement or litigation activities brought by the Control Authority shall be retained and preserved by the permittee until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

8. Falsifying Information

Knowingly making any false statement on any report or other document required by this permit or knowingly rendering any monitoring device or method inaccurate, is a crime and may result in the imposition of criminal sanctions and/or civil penalties. Falsification of information shall be punished by a fine of not less than $100.00 nor more than $1000.00 for each offense.

9. Inspection and Entry

The permittee shall allow the Control Authority and/or their authorized representatives, to:

(a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
(c) Inspect at reasonable times any facilities, monitoring equipment, control equipment, practices, or operations regulated or required under this permit;
(d) Sample or monitor, for the purposes of assuring permit compliance, any substances or parameters at any location; and
(e) Inspect any production, manufacturing, fabrication, or storage area where pollutants, regulated under the permit, could originate.

The permittee shall not knowingly cause an unreasonable delay in allowing the Control Authority or their authorized representative access to the industrial user's premises. The permittee shall make necessary arrangements so that upon presentation of suitable identification the Control Authority will be permitted entry without delay.

If the Control Authority is refused access to a building, structure or property, and if the Control Authority has demonstrated probable cause to believe that there may be a violation of this permit or that there is a need to inspect to verify compliance with this permit, or to protect the overall public health, safety and welfare of the community, then the Control Authority may seek issuance of a search warrant from a court with appropriate jurisdiction. In the event of an extreme emergency affecting public health and safety, inspections shall be made without the issuance of a warrant.

The permittee must take precautions to ensure the safety of Control Authority personnel while on the permittees' premises. The industrial user at the written or verbal request of the Control Authority shall promptly remove any temporary or permanent obstruction to safe and easy access to the industrial facility. The costs of clearing such access shall be borne by the industrial user.

No person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, tamper with, or prevent access to any structure, appurtenance or equipment, or other part of the Control Authority's property (i.e., automatic samplers and other field equipment). Any person found in violation of this requirement shall be subject to the sanctions set out in the City Ordinance.

SECTION D. ADDITIONAL REPORTING REQUIREMENTS

1. Planned Changes

The permittee shall promptly notify the Control Authority of any facility expansion, production increase, or process modifications that will result in a new or substantial change in the volume, pollutant(s) or nature of the discharge, including the listed or characteristic hazardous wastes for which the permittee has submitted initial notification under 40 CFR 403.12(p). The Control Authority shall be notified within 5 working days after the permittee is aware of the change.

2. Anticipated Noncompliance

The permittee shall give advance notice to the Control Authority of any planned changes in the permitted facility or activity that may result in noncompliance with permit requirements.

3. Accidental Discharge Report

The permittee shall notify the Control Authority immediately upon the occurrence of an accidental discharge of substances prohibited by the city ordinance or any uncontrolled releases or spills that may enter the wastewater collection system. The Control Authority should be notified at any time by telephone at 479-273-7378. The notification shall include location of discharge, date and time thereof, type of waste, including concentration and volume, and corrective actions taken. The permittee's notification of accidental release in accordance with this section does not relieve the permittee of other reporting requirements that arise under local, state or federal law.

Within 5 days following an accidental discharge, the permittee shall submit to the Control Authority a detailed written report. The report shall specify:

(a) Description of cause of the upset, uncontrolled discharge or accidental discharge, the cause thereof, and the impact on the permittee's compliance status. The description should also include location of discharge, type, concentration and volume of waste.
(b) Duration of noncompliance, including exact dates and times of noncompliance and, if the noncompliance is continuing, the time by which compliance is reasonably expected to occur.
(c) All steps taken or to be taken to reduce, eliminate, and/or prevent recurrence of such an upset, uncontrolled discharge, accidental discharge, or conditions of noncompliance.

4. Operating Upsets

Any permittee that experiences an upset in operations that places the permittee in a temporary state of noncompliance with the provisions of either this permit or with the City Ordinance shall inform the Control Authority within 24 hours of becoming aware of the upset at 479-273-7378.

A written follow-up report of the upset shall be filed by the permittee with the Control Authority within 5 days. The report shall specify:

(a) Description of the upset, the cause(s) thereof and the upset's impact on the permittee's compliance status;

(b) Duration of noncompliance, including exact dates and times of noncompliance, and if not corrected, the anticipated time the noncompliance is expected to continue; and
(c) All steps taken or to be taken to reduce, eliminate and prevent recurrence of such an upset.

The report must also demonstrate that the treatment facility was being operated in a prudent and workmanlike manner. A documented and verified operating upset shall be an affirmative defense to any enforcement actions brought against the permittee for violations attributable to the upset event.

5. Noncompliance Notification

If the results of the permittee's wastewater analysis indicate that a violation of this permit has occurred, the permittee must:

(a) Notify the Control Authority of the violation within 24 hours of becoming aware of the violation;
(b) Submit to the Control Authority as part of the DMR an explanation of the noncompliance, any known or suspected cause, and actions the permittee has taken to prevent further occurrences; and
(c) Repeat the sampling and pollutant analysis and submit, in writing, the results of this repeat analysis within 30 days after becoming aware of the violation.

6. Duty to Provide Information

The permittee shall furnish to the Control Authority within 15 days any information which the Control Authority requests to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also, upon request, furnish to the Control Authority within 30 days copies of all records required by this permit. Information shall be submitted in the form, manner and time frame requested by the Control Authority.

7. Availability of Data and Confidential Information

All information and data obtained from reports, questionnaire, permit application, permits and monitoring programs and from inspection shall be available to the public or any governmental

agency without restriction unless the user specifically requests and is able to demonstrate to the satisfaction of the Control Authority that the release of such information would divulge information, processes, or methods of production entitled to protection as trade secrets of the permittee. Information claimed as confidential must be submitted with the words "confidential business information" stamped on each page. If no claim is made at the time of submission the Control Authority may make the information available to the public without further notice. All effluent data shall be available to the public without restriction.

8. Compliance Schedule

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 15 days following each schedule date. Any reports of noncompliance shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

9. Changes in Discharge of Toxic Substances

The permittee shall notify the Control Authority as soon as the permittee knows or has reason to believe:

(a) That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the "notification levels" described in 40 CFR 122.42 (a)(1).

(b) That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant that is not limited in the permit, if that discharge will exceed the highest of the "notification levels" described in 40 CFR 122.42 (a)(2).

10. Signatory Requirements

All applications, reports, or information submitted to the Control Authority must contain the following certification statement and be signed as required in Sections (a), (b), (c), or (d) below:

> "I certify under penalty of law that 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 fines and imprisonment for knowing violations."

(a) By a responsible corporate officer, if the Industrial User submitting the reports is a corporation. For the purpose of this paragraph, a responsible corporate officer is:

1) A president, secretary, treasurer, or vice-president of the corporation in charge of a principle business function, or any other person who performs similar policy - or decision-making functions for the corporation, or:
2) The manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

(b) By a general partner or proprietor if the Industrial User submitting the reports is a partnership or sole proprietorship respectively.

(c) By a duly authorized representative of the individual designated in the paragraph (a) or (b) of this section if:
1) The authorization is made in writing by the individual described in paragraph (a) or (b);
2) The authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the industrial discharge originates, such as the position of plant manager, superintendent, or position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and
3) the written authorization is submitted to the Control Authority.

(d) If an authorization under paragraph (c) of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of paragraph (c) of this section must be submitted to the Control Authority prior to or together with any reports to be signed by an authorized representative.

SECTION E. ENFORCEMENT ACTIONS

The following is a list of enforcement mechanisms sorted from least severe to most severe in accordance with Rogers Code of Ordinances Chapter 118: 561 to 614 (Ord. No. 04-150, § 1, 12-14-04). Omission in this section of any enforcement action that is part of the Rogers Code shall not be a bar to taking any other action against the user.

1. Informal Notice or Meeting

An informal notice is either a telephone call, e-mail, or reminder letter used to correct minor non-compliance. It is intended to solicit an explanation, suggest the exercise of more due care, and/or notify the violator that subsequent violations of the same type may be dealt with more severely. An informal meeting may be scheduled to discuss the importance of industrial user compliance and to determine the commitment level of the industrial user. Compliance with an informal notice or meeting does not relieve the industrial user of liability for any violation occurring before of after the informal notice or meeting.

2. Notice of Violation

A notice of violation (NOV) is a written notice from the Control Authority to the noncompliant industrial user that a nonsignificant pretreatment violation has occurred. Additional NOV's are issued each time a violation is observed. An NOV requires the industrial user to submit within 15 days an explanation of the cause, schedule for compliance, and plan to correct and prevent the noncompliance. Submission of the plan and/or compliance with an NOV does not relieve the industrial user of liability for any violations occurring before or after receipt of the NOV.

3. Significant Noncompliance Criteria

An industrial user is in SNC if its violation meets one or more of the following criteria:

(a) Chronic violations of wastewater discharge limits, defined here as those in which 66% or more of wastewater measurements taken during a 6 month period exceed, by any magnitude, a numerical a Pretreatment Standard or Requirement, including instantaneous limits, as defined by 40 CFR 403.3(1);

(b) Technical Review Criteria (TRC) violations, defined here as those in which 33% or more of wastewater measurements taken for each pollutant parameter during a 6 month period equals or exceeds the product of the numeric Pretreatment Standard or Requirement, including instantaneous limits, as defined by 40 CFR 403.3(1), multiplied by the applicable criteria; 1.4 for BOD, TSS, fats, oils and grease, and 1.2 for all other pollutants except pH.

(c) Any other violation of a Pretreatment Standard or Regulation, as defined by 40 CFR 403.3(l) (daily maximum, long-term average, instantaneous limit, or narrative standard) that the POTW determines has caused, alone or in combination with other discharges, interference or pass through, including endangering the health of POTW personnel or the general public;

(d) Any discharge of pollutants that have caused imminent endangerment to human health, welfare or the environment, or have resulted in the POTWs exercise of its emergency authority to halt or prevent such a discharge;

(e) Failure to meet, within 90 days of the scheduled date, a compliance schedule milestone contained in a wastewater discharge permit or enforcement order for starting construction, completing construction, or attaining final compliance;

(f) Failure to provide within 45 days after the due date, any required reports, including baseline monitoring reports, reports on compliance with categorical pretreatment standard deadlines, periodic self-monitoring reports, and reports on compliance with compliance schedules;

(g) Failure to accurately report noncompliance; or

(h) Any violation, including a violation of best management practices, which the POTW determines will adversely affect the operation or implementation of the pretreatment program.

4. Administrative Orders

Administrative orders (AO's) are enforcement documents, which direct the permittee to undertake or to cease specified activities. AO's are issued in response to repeated NOV's and/or SNC's and may incorporate additional enforcement actions to include compliance schedules, administrative penalties, and termination of discharge. Administrative orders include: Consent Orders, Show Cause Orders, Compliance Orders, Cease and Desist Orders, Administrative Fines, Termination of Discharge, and Emergency Suspension. Circumstances of an industrial user's noncompliance dictate the type of AO and number of AO's needed to achieve compliance. The most severe AO's are:

(a) Administrative Fines - When the control authority finds that a user has violated, or continues to violate, any provision of this article, a industrial user permit or order issued hereunder, or any other pretreatment standard or requirement, the control authority may fine such user in an amount not to exceed $1,000.00 per violation per day. In the case of monthly or other long-term average discharge limits, fines shall be assessed for each day during the period of violation.

(b) Emergency Suspension - Occurs when it is necessary to stop an actual or threatened discharge that reasonably appears to present or cause an imminent or substantial endangerment to the health or welfare of persons, environment, or the POTW. Upon notification of a suspension of its discharge the permittee shall immediately stop or eliminate its contribution. The Control Authority may allow the permittee to recommence its discharge when the user has demonstrated to the satisfaction of the Control Authority that the period of endangerment has passed, unless termination proceedings are initiated against the permittee. A permittee responsible for any discharge presenting imminent endangerment shall submit a detailed written statement, describing the cause(s) of the harmful contribution and the measure(s) taken to prevent any future occurrence, to the Control Authority within 5 days of the occurrence.

(c) Termination of Discharge - In addition to the provisions in Part II, Section A, Item 4 of this permit, any user who violates the following conditions is subject to discharge termination:

1) Violation of industrial user permit conditions;
2) Failure to accurately report the wastewater constituents and characteristics of its discharge;
3) Failure to report significant changes in operations or wastewater volume, constituents, and characteristics prior to discharge;
4) Refusal of reasonable access to the user's premises for the purpose of inspection, monitoring, or sampling; or
5) Violation of the prohibited pretreatment standards in Part III of this permit.

Such user will be notified of the proposed termination of its discharge and be offered an opportunity to Show Cause why the proposed action should not be taken. Exercise of this option by the Control Authority shall not be a bar to, or a prerequisite for, taking any other action against the user.

5. Judicial Enforcement Actions

Judicial enforcement actions are formal judicial processes, either civil or criminal, that are taken against and industrial user who is or continues to be noncompliant. Civil litigation may involve consent degree, injunction, and civil penalties. The criminal judicial enforcement action is criminal prosecution.

(a) Civil Penalty. A monetary fine issued to a noncompliant industrial user that has violated, or continues to violate, any provision of the ordinance, wastewater discharge permit, order, or any other pretreatment standard or requirement. A noncompliant industrial user shall be liable to the City for a maximum civil penalty of up to $1,000 per violation per day. If the violation is a monthly or other long-term average discharge limit, the penalty shall accrue for each day during the period of the violation.

(b) Criminal Prosecution. Prosecution is pursued when the Control Authority has admissible evidence of willfulness, negligence, and/or bad faith effort, which result in noncompliance. Criminal prosecution is necessary when repeated violations, aggravated violations (discharges which endanger the health of the POTW employees), and less formal efforts to restore compliance have failed. Criminal prosecution may be brought prior to, concurrently with, or subsequent to civil litigation. Upon conviction, the individual(s) and/or organization shall be guilty of a misdemeanor, punished by a fine of not more than $1,000 per violation, per day, or imprisoned for not more than 30 days, or both. The permittee may also be subject to sanctions under State and/or Federal law.

6. Supplemental Enforcement Actions

Supplemental enforcement responses are actions taken by the Control Authority to reinforce the compliance obligations of industrial users. Selection of a supplemental enforcement response is determined on an individual basis. Supplemental enforcement responses include: public notices, increased monitoring and reporting, liability insurance, and water supply severance. Increased monitoring and reporting does not require specific legal authority.

(a) Public Notice. A publication concerning an industrial user or list of industrial users, which have violated pretreatment requirements. The public notice satisfies the public's right to know about industrial violations that affect the immediate environment and/or cause or potentially cause additional expenditures of public funds for operation and maintenance of the treatment system. EPA regulation, 40 CFR 403.8(f)(2)(vii) requires an annual publication of all industrial users, which have significantly violated applicable pretreatment standards during the past year. Accordingly, the permittee is apprised that noncompliance with this permit may lead to an enforcement action and may result in the industrial user, at their expense place a minimum quarter page advertisement in the largest daily newspaper within its service area. The ad shall list the company name, address, and an explanation of each violation, frequency of violation, and actions taken to remedy further violations, and current compliance status.

(b) Increased Monitoring and Reporting. Required by the Control Authority when a history of noncompliance exists. The Control Authority may require additional monitoring and reporting when a history of noncompliance exists and until a specific problem is corrected or consistent compliance is demonstrated. The additional monitoring may be either self-monitoring and/or compliance monitoring. The increased monitoring and reporting will last for a specific time or when a specific contingency has been satisfied.

(c) Liability Insurance. The control authority may decline to issue or reissue a industrial user permit to any user who has failed to comply with any provision of this article, a previous industrial user permit, or order issued hereunder, or any other pretreatment standard or requirement, unless the user first submits proof that it has obtained financial assurances sufficient to restore or repair damage to the POTW caused by its discharge.

(d) Water Supply Severance. Termination of water service by the Control Authority when an industrial user violates or continues to violate any provision of the city ordinance, industrial waste discharge permit, or other pretreatment standard. Service will only recommence, at the user's expense, after the industrial user has satisfactorily demonstrated its ability to comply.

(e) Recovery of Costs Incurred. In addition to civil and criminal liability, the permittee violating any of the provisions of this permit or causing the damage to or otherwise inhibiting the Rogers' wastewater disposal system shall be liable to the Control Authority for any expense, loss, or damage caused by such violation or discharge. The Control Authority shall bill the permittee for the costs incurred by the Control Authority for any cleaning, repair, or replacement work caused by the violation or discharge. Refusal to pay the assessed costs shall constitute a separate violation.

Part III PROHIBITIVE DISCHARGE STANDARDS

1. General Prohibitions

The permittee shall not introduce or cause to be introduced into the POTW any pollutant(s) or wastewater(s) that causes pass through or interference.

2. Specific Prohibitions

The permittee shall not introduce or cause to be introduced into the POTW the following pollutants, substances, or wastewater:

(a) Pollutants which create a fire or explosion hazard in the POTW, including, but not limited to, wastestreams with a closed cup flashpoint of less than 140° F (60° C) using the test methods specified in 40 CFR 261.21;
(b) Pollutants that will cause corrosive structural damage to the POTW or equipment, but in no case discharges with pH lower than 5.0;
(c) Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW resulting in interference;
(d) Any pollutant, including oxygen demanding pollutants (BOD, etc.), released in a discharge at a flow rate and/or pollutant concentration which, either singly or by interaction with other pollutants, will cause interference with the POTW;
(e) Wastewater having a temperature greater than 104° F (40° C), or which will inhibit biological activity in the POTW resulting in interference;
(f) Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through;
(g) Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems;
(h) Any trucked or hauled pollutants, except at discharge points designed by the POTW.

PART IV OTHER REQUIREMENTS

1. Pollution Prevention Program

The permittee is required to develop and/or maintain an on-going comprehensive pollution prevention program (P2) what will utilize materials, processes and/or practices to reduce or eliminate pollutants or waste at the source. The P2 must incorporate source reduction, energy efficiency, reuse of input materials during production, and reduced water consumption. The P2 must include practices which reduce the use or generation any hazardous substance, pollutant, or contaminant entering the wastestream prior to recycling, treatment, or disposal and reduce the hazards to public health and the environment associated with the release of such pollutants.

The P2 should include such techniques as toxics use reduction, raw material substitution, process and/or production modification, equipment and/or technology modification, reformulation and/or product redesign, and training. Additional techniques include better management practices such as improved inventory control, maintenance, housekeeping, operating, production planning and sequencing procedures. The permittee is required to integrate these techniques into the company's policies and structures. The management strategies must also contain methods for establishing an on-going company-wide pollution prevention program, conducting assessment, and implementing options.

The P2 Plan must address the following:

(a) A policy statement of management's commitment to pollution prevention;
(b) Specific goals of the plan, including numeric performance goals;
(c) Technically and economically practical pollution prevention options and a schedule for their implementation;
(d) An accounting of hazardous waste management costs;
(e) A description of pollution prevention training programs for employees;
(f) A rationale for stated performance goals;
(g) A process-flow diagram showing where constituents enter/exit manufacturing process;
(h) An estimate of the amount of regulated waste generated by each process;
(i) An assessment of current and past pollution prevention activities, including an estimate of the reduction in amount of toxicity of regulated waste achieved by the identified actions;
(j) A review of pollution prevention opportunities applicable to the facility's operations;
(k) Identification of technically and economically feasible pollution prevention opportunities, including an assessment of the cost, benefits, and cross-media impacts of the identified opportunities; and
(l) An implementation timetable.

Failure of the P2 to prevent violations of any other provisions of the permit in no way relieves the permittee from its legal liability for noncompliance with the permit conditions. The permittee must submit revisions or a statement of review to the Control Authority by April 1st of each year that would verify the on-going P2 performance goals are being met. Once P2 goals have been met, the permittee is encouraged to seek continuous environmental improvements even beyond these reductions.

2. Slug Control Plan (SCP)

The permittee shall develop and/or maintain a Slug Control Plan (SCP) with policies and procedures to prevent or mitigate the effects of slug discharges to the POTW. The function of the SCP is to ensure that the permittee has a planning and implementation tool to minimize potential spills and/or slugs and to prevent interference at a POTW due to non-routine or accidental discharges. The SCP may include constructing physical containment facilities as well as implementing sound management practices to prevent slug discharges.

A Slug Discharge is defined as any discharge of a non-routine, episodic nature, including but not limited to an accidental spill or non-customary batch discharge, which has a reasonable potential to cause interference or pass through, or in any other way violate the POTW's regulations, local limits or permit conditions (40 CFR 403.8(f)(2)(vi)). All slug discharges and any facility changes affecting the potential for a slug discharge must be reported to the Control Authority immediately upon knowledge of the discharge.

Failure of the SCP to prevent violations of any other provisions of the permit in no way relieves the permittee from its legal liability for noncompliance with the permit conditions.

The Slug Control Plan must address the following:

(a) General Information: permittee name and address, permittee contact, and security provisions;
(b) Discharge Practices: description of discharge practices, including non-routine batch discharges;
(c) Facility Layout Flow Diagrams: general layout including mapping of manufacturing, storage, transportation, and disposal areas;
(d) Material Inventory: description of stored chemicals (types, volumes, container);
(e) Spill and Leak Prevention Equipment and Operations and Maintenance Procedures: definition of available equipment and plans to obtain equipment;
(f) Emergency Response Equipment and Procedures: inventory and location of equipment and procedures;
(g) Slug Reporting: procedures for immediately notifying the POTW of slug discharges, including any discharge that would violate a prohibition under 40 CFR 403.5(b), with procedures for follow-up written notification within 5 days;
(h) Training Program: assurances that the Slug Control Plan is implemented by trained employees; and
(i) Prevention Procedures: a variety of procedures to prevent adverse impact from any accidental spills, including inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site run-off, building of containment structures or equipment, measures for containing toxic organic pollutants, including solvents.

Once the SCP is approved, the permittee shall assess the current SCP and submit revisions or a statement of review to the Control Authority by April 1st of each year.

PART V PRETREATMENT CHARGES AND FEES

1. Excess Loading Surcharge

The permittee is subject to a surcharge, in addition to the regular sewage service charge, for all discharges having a carbonaceous biochemical oxygen demand ($CBOD_5$) and/or total suspended solids (TSS) concentration greater than 300 mg/L. The calculated surcharge will be determined using a single sample result or the arithmetical average of individual values for the specific sampling period. The flow rate for calculating the surcharge will be the average daily flow during the specific sampling period. The sampling period is defined as beginning the day after the last reported sample result was below 300 mg/L and ending the day before the reported sample result was again below 300 mg/L. The surcharge of each constituent will then be determined by multiplying the excess pounds of each constituent by the appropriate rate of surcharge.

2. Miscellaneous Fees

The control authority may adopt reasonable fees for reimbursement of costs of setting up and operating the pretreatment program that may include:

(a) Fees for industrial user permit applications including the cost of processing such applications;
(b) Fees for monitoring, inspection, and surveillance procedures including the cost of collection and analyzing a user's discharge, and reviewing monitoring reports submitted by users;
(c) Fees for reviewing and responding to accidental discharge procedures and construction;
(d) Fees for filing appeals; and
(e) Other fees as the city may deem necessary to carry out the requirements of the pretreatment program.

Attachment A-3

FACT SHEET FOR INDUSTRIAL USER
DISCHARGE PERMIT 10-MFC
MAFCO, Incorporated

The Control Authority for the City of Rogers has made a decision to reissue an industrial user discharge permit, effective **Jan 01, 2010**, to **MAFCO, Incorporated** for continuation of the discharge from its production activities to the City of Rogers sanitary sewer system. The decision to reissue a discharge permit is based on the determination that the discharge would not interfere with the treatment process or otherwise be incompatible with the sewage works or result in pass-through of pollutants such that Rogers' National Pollutant Discharge Elimination System (NPDES) permit would be violated. The purpose of this fact sheet is to present the facts and reasoning on the basis of which the decision was made.

1. INDUSTRY INFORMATION

Facility Name: MAFCO, Incorporated

Facility Address:
1203 North Sixth Street
Rogers, AR 72756
P.O. Box 1058
Rogers, AR 72757

Authorized Official:
Dave Shelley, General Manager
Phone: (479) 631-0404 x105
Fax: (479) 631-3896
E-Mail Address: dshelley@tms-inc.us

Facility Contact:
John Wood, Manufacturing Engineer
Phone: (479) 631-0404 x106
Fax: (479) 631-3896
E-Mail Address: jwood.mafco@sbcglobal.net

Facility Activity: Metal fabrication and finishing

Discharge Location: Location 001 process only
Latitude: 36° 20' 42.15" N Longitude: 94° 07' 17.87" W

Summary:

NAIC/SIC	332313 / 3449 Plate work manufacturing
Process Operation:	Residential water storage tanks, hydrants, contract machining, fabrication, welding, assembly and powder coat painting.
Categorical Classification:	Metal Finishing Part 433.17 (a) PSNS
Significant Industrial User:	Yes, Categorical IU
Previous Permit:	07-MFC Effective Date: 03/01/07
Permit:	10-MFC Effective Date: 01/01/10 Expiration Date: 12/31/12
Current Status:	Compliant
CWF Applied:	No, consider mass based limits
TOMP:	Initial Submittal: 03/97 Last Revision Submitted: 03/09 Last Reviewed: 03/09
Slug Control Plan:	Initial Submittal: 02/97 Last Revision: 03/09 Last Reviewed: 03/09
Pollution Prevention Plan:	Initial Submittal: 05/97

Last Revision: 03/09
Last Reviewed: 03/09

General Description of the Organization

MAFCO is a locally owned company that manufactures fabricated metal products including pressurized water tanks, wall hydrants, brass valves, blower assemblies and feed dispensers. MAFCO is also a sub-contractor for welding and painting of various component parts and assembly of miscellaneous components.

Summary of Compliance with Previous Permit

During the history of the previous permit, the permittee experienced no non-compliant issues until May 2009. A request was made to dump tanks 1,3,&5 instead of having them pumped and hauled off. Results from a grab sample showed that Cu and Pb were near or above daily max limits for tanks 1&3 but they would be diluted when dumped with tanks 2,4&5. Results from the dump showed that Cu and Pb were ok but Ag was above the daily max. MAFCO usually does not have high silver concentrations so this was unexpected. The high silver results initially violated the daily max for silver for May 2009. MAFCO determined the high silver results were false positives. MAFCO's test lab, Environmental Services, Inc., uses EPA test method 200.7 to check for silver. The wavelength used to detect silver is 328.068 nm and the wavelength for zirconium is 328.075 nm. This is considered an overlap and is therefore causing a false positive for silver detection. An NOV was issued but later retracted after the zirconium information cam to light. MAFCO is extremely conservative with its water usage; so conservative that it has the potential to exceed concentration based permit limits when it dumps a tank that has been in use for more than six months.

Connection to Sewer System

MAFCO's process generated wastestream and sanitary wastestreams travel through an ISCO Parshall flume, within a manhole, located outside the building in a corner on the south central side of the facility. The combined wastestreams flow west into the City's sanitary sewer line situated on the west side of the property at manhole (MH 5-51). These two wastestreams are co-mingled during normal process days. However, on monitoring days, these wastestreams are segregated so that only the process water is monitored

Description of Operation

Raw steel is cleaned, cut, stamped, welded and assembled to form pressurized water system tanks and various contracted metal parts. Components are either machined or welded. Some are cleaned via a 3-stage or 5-stage washer and then assembled. Some are then liquid painted or powder coated. All parts are packaged and distributed.

Raw Materials

MAFCO utilizes sheet steel, bronze castings, steel and brass pipe/tubing, steel and brass bar stock, angle iron, and various steel and aluminum customer parts in the manufacturing processes.
MAFCO also uses durable paints (both liquid and powder coat), and MEK thinning solvent.

Chemicals Used

MAFCO uses heavy-duty alkaline degreasing detergents, coating pretreat, and corrosion inhibitors in the 5- stage washers that are phosphorus free. The 5-stage washer coating solution contains fluorozirconic acid, nitric acid, methanesulfonic acid and gamma-aminopropyltriethoxysilane. The 5-stage washer corrosion inhibitor now contains fluorozirconic acid and hydrofluoric acid instead of ammonium di-molybdate. The 3-stage sheet washer cleaner contains 2-butoxyethanol and alcohols; the 3-stage sheet washer coater contains both hydrofluoric acid, phosphoric acid and alcohols. See attached chemical list.

Process Discharge Information and Outfall

MAFCO conducts batch discharges of the process wastestream. MAFCO has an ISCO Parshall flume (no flow meter), within a manhole, located outside the building in a corner on the south central side of the facility. The flume receives process wastewater from the 5-stage parts washer, 1000 gallon #2 rinse tank once per week. Once a month, the 650 gallon #4 rinse tank is dumped along with the #2 tank. Tanks #1, #3, and #5 should only be dumped once per year. During the process discharge period, all employees are notified of the discharge and all sanitary discharges from the employee restrooms are ceased for the duration of the process discharge.

Five Stage Washer

Tank #	Tank Size	Tank Description	Chemicals
#1	1600 gallons	Heated alkaline detergent wash	Liquid Ferro Terj (phosphorus free)
#2	1000 gallons	Fresh water rinse	none
#3	1000 gallons	Heated coating pretreat	Duratech 100 (fluorozirconic acid)
#4	650 gallons	Fresh water rinse	none
#5	650 gallons	Fresh water with final seal	Duraseal (fluorozirconic acid)

In 2006, MAFCO discontinued discharging the 3-stage sheet washer rinse water to the sanitary sewer. When necessary this wastewater is hauled off.

Outfall Location: Latitude: 36° 20' 42.15" N Longitude: 94° 07' 17.87" W

Production Data

MAFCO produces approximately 40 water tanks and 20 hydrants per day. MAFCO processes approximately 50 welding units per day. 1521 products are cleaned and powder coated per day. Production occurs 208 days/year.

Pretreatment System

MAFCO is able to meet the current effluent limits as described in MAFCO's Industrial User Discharge Permit without additional pretreatment other than pH adjustment. Therefore, MAFCO does not have a pretreatment system.

Flow Information

Primary Sampling Device:	ISCO sampler (Model 2910)
All 5 tanks:	4,900 gpd (batch discharge, 1/year)
#2 and #4 rinse tanks:	1,650 gpd (batch discharge, 1/month)
#2 rinse tank only:	1,000 gpd (batch discharge, 3/month)

Monthly Average Discharges and Daily Maximum Discharge Results

MAFCO submits monthly analytical data. The Control Authority conducts semi-annual monitoring. The following is a table of the average concentrations January 2007 to August 2009:

Concentrations (mg/L)

Pollutant	Monthly Avg	Daily Max	Monthly Avg Limit
Arsenic	0.004	0.005	N/A
Cadmium	0.003	0.005	0.070
Chromium	0.020	0.149	1.71
Copper	0.066	0.446	2.07
Lead	0.029	0.195	0.43
Molybdenum	0.024	0.066	N/A
Nickel	0.056	0.298	2.38
Silver	0.002	0.016	0.24
Zinc	0.102	0.336	1.48
Cyanide	< 0.010	<0.010	0.65
TTO*	< MDL	N/A	N/A
Total Phosphorus	14.94**	102.8	N/A

pH within the range of 5.68 to 10.0
* Collected 03/2008 from weekly rinse tank dump only
**T Phos Monthly Average for last 12 months is 0.64, no longer using phosphorus based chemicals in 5-stage washer.
A copy of MAFCO's IU data is found in Attachment 1.

2. BASIS FOR PERMIT LIMITS

Permit Application
A copy of MAFCO's current permit application is filed under MAFCO Permit Application.

Analytical Data Summary
A summary of MAFCO's self-monitoring and compliance monitoring data is included in Attachment 1.

Federal, State, and Local Regulations
A copy of all regulations used to determine permit limits is found in Attachment 2.

Facility Plans and Flow Diagrams
Any pertinent facility plans and flow diagrams are included in Attachment 3.

Rational for Effluent Limitations
MAFCO is a regulated categorical industrial user due to the metal finishing operations (40 CFR 433.17). These limits are concentration based and are not influenced by changes in production or flow.

433.17 (a) Pretreatment Standards for New Sources (PSNS)

POLLUTANT	Daily Max. mg/L	Monthly Avg. Max. mg/L
Cadmium (T)	0.11	0.07
Chromium (T)	2.77	1.71
Copper (T)	3.38	2.07
Lead (T)	0.69	0.43
Nickel (T)	3.98	2.38
Silver (T)	0.43	0.24
Zinc (T)	2.61	1.48
Cyanide (T)	1.20	0.65
TTO	2.1	

3. FINAL EFFLUENT LIMITATIONS

Effective Jan 01, 2010 and lasting through December 31, 2012 MAFCO is authorized to discharge wastewater from Location 001 not to exceed the following effluent limitations.

Average Batch 1/Week Flow ..... 0.001000 MGD
Average Monthly Batch Weekly Flow ..... 0.001650 MGD
Average Yearly Batch Discharge Flow ..... 0.004900 MGD

POLLUTANT	DAILY MAXIMUM[1] mg/L	TRC[3]	MONTHLY AVERAGE[2] mg/L	TRC[3]
Cadmium (T)	0.11	0.132	0.07	0.084
Chromium (T)	2.77	3.324	1.71	2.052
Copper (T)	3.38	4.056	2.07	2.484
Lead (T)	0.69	0.828	0.43	0.516
Nickel (T)	3.98	4.776	2.38	2.856
Silver (T)	0.43	0.516	0.24	0.288
Zinc (T)	2.61	3.132	1.48	1.776
Cyanide (T)	1.20	1.440	0.65	0.780
TTO[4]	Report Only		Report Only	
Phosphorus, Total	Report Only		Report Only	
pH	within the range of 5.0 to 12.0 at all times			

[1] **Daily Maximum** discharge limitation means the highest allowable daily discharge determined during the calendar month.

[2] **Monthly Average** discharge limitation means the highest allowable average of all daily discharges determined during the calendar month. Compliance with the monthly average effluent limitations is required regardless of the number of samples analyzed and averaged.

[3] **Technical Review Criteria** means a numeric threshold of 20% above daily and/or monthly limits (40% for BOD, TSS, fats, oil and grease). pH is excluded. The TRC limit is used to define a subcategory of SNC. A SNC violation is determined where 33 percent or more of all of the measurements taken during a six-month period equal or exceed the product of the TRC limit.

[4] TTO shall mean total toxic organics, which is the sum of all quantifiable organic compounds specified in 40 CFR Part 433.11(e) which are greater than 0.010 mg/L.

4. MONITORING REQUIREMENT

Effective Jan 01, 2010, MAFCO is authorized to discharge only process generated 5-stage washer wastewater during monitoring. Monitoring shall exclude any sanitary waste during the time of collection. At a minimum, the following parameters shall be monitored at the frequency and with the type of measurement indicated:

Parameter	5SW-RT[1] Batch	5SW-ALL[2] Batch	Sample Type
Flow, gpd	Daily/Monthly	All Discharges	Indicate/Totalize
Cadmium (T)	2/Year[3]	All Discharges	Composite[4]
Chromium (T)	2/Year[3]	All Discharges	Composite[4]
Copper (T)	2/Year[3]	All Discharges	Composite[4]
Lead (T)	2/Year[3]	All Discharges	Composite[4]
Nickel (T)	2/Year[3]	All Discharges	Composite[4]
Silver (T)	2/Year[3]	All Discharges	Composite[4]
Zinc (T)	2/Year[3]	All Discharges	Composite[4]
Cyanide (T)	2/Year[3]	All Discharges	Discrete Grab[5]
TTO	As Necessary	As Necessary	Discrete Grab[5]
Phosphorus, Total	2/Year[3]	All Discharges	Composite[4]
pH	2/Year[3]	All Discharges	pH Grab[6]

1 **5SW-RT** is defined as a batch discharge from the 5-stage washer rinse tanks (#2 and #4 tanks). The batch discharge shall not exceed 1,650 gallons. It shall only be discharged once per month (the #2 tank shall be discharged once per week but is not monitored unless discharged with the #4 tank). Tanks should be agitated prior to discharge and the entire discharge must be sampled.

2 **5SW-ALL** is defined as a batch discharge from all five of the 5-stage washer tanks. The total batch discharge shall not exceed 4,900 gallons. It shall only be discharged once per year. Tanks should be agitated prior to discharge and the entire discharge must be sampled.

3 **2/Year** is defined as twice a year with one sample collected between January and June and the second sample collected between July and December.

4 **Composite** sample is defined as a minimum of 12 samples collected at equal time intervals over the batch discharge period and composited proportional to flow.

5 **Discrete Grab** sample is defined as a minimum of 4 representative samples collected equally over the monitoring period, each one individually preserved at the time of collection and composited for a single result or 1 representative sample collected and preserved where the permittee states that to the best of knowledge the discrete grab sample is representative of the daily operation.

6 **pH Grab** sample means an individual sample collected without regard for flow and time at a representative point in the discharge stream. A duplicate sample should be collected within 5 minutes and both grab samples must be analyzed within 15 minutes of sample collection. MAFCO is required to collect 1 set of duplicates during the batch discharge.

5. REPORTING REQUIREMENT

MAFCO is required to submit a semi-annual discharge monitoring report. The report shall indicate the nature and concentration of all pollutants in the effluent, which are regulated by the limits set forth in Part I, Section A.2 of Permit 10-MFC and include measured maximum and average daily flows. An additional discharge monitoring report must be submitted when, once a year, a batch discharge from all five of the 5-stage washer tanks occurs.

6. OTHER REQUIREMENTS

MAFCO has developed an ongoing comprehensive Pollution Prevention Plan (P2) designed to minimize the occurrences of interferences and pass-through by utilizing source reduction and in process recycling measures. MAFCO is required to annual review the active plan by April of each year and submit a revise plan if necessary. At a minimum, a letter must be submitted to the Control Authority stating the P2 plan has been reviewed. An updated P2 plan must be submitted at least every 3 years to verify the on-going P2 goals are being met.

MAFCO has developed a Slug Control Plan (SCP) with policies and procedures to prevent or mitigate the effects of slug discharges to the POTW. The function of the SCP is to ensure that the permittee has a planning and implementation tool to minimize potential spills and/or slugs and to prevent interference at the POTW due to non-routine or accidental discharges. The SCP may include constructing physical containment facilities as well as implementing sound management practices to prevent slug discharges. MAFCO is required to annual review the active plan by April of each year and submit a revise plan if necessary. At a minimum, a letter must be submitted to the Control Authority stating the SCP has been reviewed. Approval of this plan by the control authority does not relieve MAFCO from its requirements to meet all applicable Local, State, and Federal laws and regulations.

MAFCO has developed a Toxic Organic Management Plan (TOMP). The plan specifies the toxic organic compounds used, the method of disposal, and the procedures for ensuring that toxic organics do not routinely spill or leak into the wastewater collection system. The plan is an alternative to routine monitoring for TTO. The Control Authority has approved the TOMP and the permittee may demonstrate compliance with TTO requirements by certifying that the facility is adhering to the TOMP.

Attachment 1

MAFCO monthly average metals, T-phos, and pH grab results

Month	MFC Total Flow MGD	MFC Flow MGD	MFC pH SU	min pH SU	max pH SU	MFC As mg/l	MFC Cd mg/l	MFC Cr mg/l	MFC Cu mg/l	MFC Pb mg/l	MFC Mo mg/l	MFC Ni mg/l	MFC Ag mg/l	MFC Zn mg/l	MFC CN mg/l	MFC TP mg/l	
Jan-07		0.001000	7.43					0.001	0.105			0.017		0.08		26.26	
Feb-07		0.001000	7.23					0.003	0.121			0.038		0.106		53.79	
Mar-07		0.001650	6.87			0.0051	0.0021	0.0046	0.0702	0.0068	0.0072	0.0936	0.001	0.109	0.010	102.84	
Apr-07		0.001000	7.69					0.002	0.049			0.015		0.063		38.11	
May-07		0.001000	7.68					0.003	0.023			0.014		0.034		20.14	
Jun-07		0.001000	7.64					0.003	0.052			0.044		0.059		64.91	
Jul-07		0.001000	7.94					0.004	0.016			0.021		0.018		17.24	
Aug-07		0.001000	7.83	8.44	8.58			0.003	0.025			0.033		0.035		24.96	
Sep-07		0.001000	7.85				0.004	0.001	0.071	0.01		0.033	0.001	0.065	0.010	23.56	
Oct-07		0.001000		7.59	7.61			0.001	0.051			0.044		0.059		22.84	
Nov-07		0.001000		8.13	8.17			0.001	0.06			0.021		0.065		9.61	
Dec-07		0.001000		7.9	7.94			0.001	0.058			0.028		0.062		13.70	
Jan-08		0.001000		8.08	8.14			0.001	0.107			0.035		0.131		2.91	
Feb-08		0.001000		8.31	8.34			0.001	0.064			0.028		0.077		7.16	
Mar-08		0.001000		7.6	7.64		0.004	0.002	0.079	0.01		0.053	0.001	0.09	0.010	29.10	
Apr-08		0.001000		7.34	7.41			0.002	0.003			0.008		0.044		7.10	
May-08		0.001000		7.9	7.86			0.002	0.062			0.016		0.054		1.70	
Jun-08		0.001000		7.45	7.62	0.0040	0.0001	0.0006	0.0793	0.0112	0.0663	0.0172	0.00017	0.0627	0.010	0.69	
Jul-08		0.001650		6.87	6.86			0.003	0.03			0.029		0.091		2.80	
Aug-08		0.001650		5.68	6.09	0.0023	0.0026	0.0009	0.049	0.0047	0.0128	0.0367	0.00043	0.1555		1.08	
Sep-08		0.001650		7.02	7.03		0.004	0.001	0.055	0.01		0.015	0.016	0.07	0.010	0.10	
Oct-08		0.001650		6.3	6.29			0.001	0.052			0.036		0.307		0.40	
Nov-08		0.001650		6.21	6.2			0.002	0.044			0.033		0.172		2.00	
Dec-08		0.001650		6.2	6.21			0.01	0.049			0.067		0.221		1.40	
Jan-09		0.001650		7.99	8.04			0.011	0.034			0.017		0.053		0.10	
Feb-09	0.004650	0.001650		8.58	8.59			0.011	0.039			0.018		0.048		0.60	
Mar-09	0.005650	0.001650		7.01	7.16	0.0046	0.0054	0.0348	0.0638	0.0186	0.0089	0.0725	0.00082	0.1075	0.010	1.06	
Apr-09	0.003650	0.001650		7.11	7.13		0.004	0.064	0.082	0.018		0.14	0.001	0.16	0.010	0.30	
May-09	0.007550	0.004900		6.16	10.00			0.114	0.446	0.195		0.298	0.001	0.336		1.05	All 5 tanks
Jun-09	0.004650	0.001650		6.50	6.51			0.116	0.006	0.01		0.078	0.001	0.080		0.20	
Jul-09	0.004650	0.001650		6.15	6.17			0.090	0.035			0.144	0.001	0.140		0.10	
Aug-09	0.005650	0.001650		6.07	6.08			0.149	0.048			0.247	0.001	0.122		0.20	
Min			6.87	5.68													
Max			7.94		10.00	0.0051	0.0054	0.1490	0.4460	0.1950	0.0663	0.2980	0.0160	0.3360	0.0100	102.8	
Average to Aug-09						0.0040	0.0033	0.0201	0.0665	0.0294	0.0238	0.0559	0.0021	0.1024	0.0100	14.94	
Monthly Avg Limits				5.0	12.0	N/A	0.070	1.710	2.070	0.430	N/A	2.380	0.240	1.480	0.650	Rpt	
Max Value Percent of Monthly Limit						N/A	7.7%	8.7%	21.5%	45.3%	N/A	12.5%	6.7%	22.7%	1.5%	Only	

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conduct hide curing, the following empirical formulas should be used to derive an additive adjustment to the effluent limitations for BOD*5* and TSS.

BOD*5* Adjustment (kg/kkg RM)=3.6×(number of hides)/kg of raw material
(lb/1,000 lb RM)=7.9×(number of hides)/lbs of raw material
TSS Adjustment (kg/kkg RM)=6.2×(number of hides)/kg of raw material
(lb/1,000 lb RM)=13.6×(number of hides)/lbs of raw material

[51 FR 25001, July 9, 1986]

PART 433—METAL FINISHING POINT SOURCE CATEGORY

Subpart A—Metal Finishing Subcategory

Sec.

433.10 Applicability; description of the metal finishing point source category.
433.11 Specialized definitions.
433.12 Monitoring requirements.
433.13 Effluent limitations representing the degree of effluent reduction attainable by applying the best practicable control technology currently available (BPT).
433.14 Effluent limitations representing the degree of effluent reduction attainable by applying the best available technology economically achievable (BAT).
433.15 Pretreatment standards for existing sources (PSES).
433.16 New source performance standards (NSPS).
433.17 Pretreatment standards for new sources (PSNS).

AUTHORITY: Secs. 301, 304(b), (c), (e), and (g), 306(b) and (c), 307(b) and (c), 308 and 501 of the Clean Water Act (the Federal Water Pollution Control Act Amendments of 1971, as amended by the Clean Water Act of 1977) (the "Act"); 33 U.S.C. 1311, 1314(b) (c), (e), and (g), 1316(b) and (c), 1317(b) and (c), 1318 and 1361; 86 Stat. 816, Pub. L. 92-500; 91 Stat. 1567, Pub. L. 95-217.

SOURCE: 48 FR 32485, July 15, 1983, unless otherwise noted.

Subpart A—Metal Finishing Subcategory

§ 433.10 Applicability; description of the metal finishing point source category.

(a) Except as noted in paragraphs (b) and (c), of this section, the provisions of this subpart apply to plants which perform any of the following six metal finishing operations on any basis material: Electroplating, Electroless Plating, Anodizing, Coating (chromating, phosphating, and coloring), Chemical Etching and Milling, and Printed Circuit Board Manufacture. If any of those six operations are present, then this part applies to discharges from those operations and also to discharges from any of the following 40 process operations: Cleaning, Machining, Grinding, Polishing, Tumbling, Burnishing, Impact Deformation, Pressure Deformation, Shearing, Heat Treating, Thermal Cutting, Welding, Brazing, Soldering, Flame Spraying, Sand Blasting, Other Abrasive Jet Machining, Electric Discharge Machining, Electrochemical Machining, Electron Beam Machining, Laser Beam Machining, Plasma Arc Machining, Ultrasonic Machining, Sintering, Laminating, Hot Dip Coating, Sputtering, Vapor Plating, Thermal Infusion, Salt Bath Descaling, Solvent Degreasing, Paint Stripping, Painting, Electrostatic Painting, Electropainting, Vacuum Metalizing, Assembly, Calibration, Testing, and Mechanical Plating.

(b) In some cases effluent limitations and standards for the following industrial categories may be effective and applicable to wastewater discharges from the metal finishing operations listed above. In such cases these part 433 limits shall not apply and the following regulations shall apply:

Nonferrous metal smelting and refining (40 CFR part 421)
Coil coating (40 CFR part 465)
Porcelain enameling (40 CFR part 466)
Battery manufacturing (40 CFR part 461)
Iron and steel (40 CFR part 420)
Metal casting foundries (40 CFR part 464)
Aluminum forming (40 CFR part 467)
Copper forming (40 CFR part 468)
Plastic molding and forming (40 CFR part 463)
Nonferrous forming (40 CFR part 471)
Electrical and electronic components (40 CFR part 469)

(c) This part does not apply to:

(1) Metallic platemaking and gravure cylinder preparation conducted within or for printing and publishing facilities; and

(2) Existing indirect discharging job shops and independent printed circuit

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board manufacturers which are covered by 40 CFR part 413.)

[48 FR 32485, July 15, 1983; 48 FR 43682, Sept. 26, 1983; 48 FR 45105, Oct. 3, 1983; 51 FR 40421, Nov. 7, 1986]

§ 433.11 Specialized definitions.

The definitions set forth in 40 CFR part 401 and the chemical analysis methods set forth in 40 CFR part 136 are both incorporated here by reference. In addition, the following definitions apply to this part:

(a) The term "T", as in "Cyanide, T", shall mean total.

(b) The term "A", as in "Cyanide A", shall mean amenable to alkaline chlorination.

(c) The term "job shop" shall mean a facility which owns not more than 50% (annual area basis) of the materials undergoing metal finishing.

(d) The term "independent" printed circuit board manufacturer shall mean a facility which manufacturers printed circuit boards principally for sale to other companies.

(e) The term "TTO" shall mean total toxic organics, which is the summation of all quantifiable values greater than .01 milligrams per liter for the following toxic organics:

Acenaphthene
Acrolein
Acrylonitrile
Benzene
Benzidine
Carbon tetrachloride (tetrachloromethane)
Chlorobenzene
1,2,4-Trichlorobenzene
Hexachlorobenzene
1,2,-Dichloroethane
1,1,1-Trichloroethane
Hexachloroethane
1,1-Dichloroethane
1,1,2-Trichloroethane
1,1,2,2-Tetrachloroethane
Chloroethane
Bis (2-chloroethyl) ether
2-Chloroethyl vinyl ether (mixed)
2-Chloronaphthalene
2,4,6-Trichlorophenol
Parachlorometa cresol
Chloroform (trichloromethane)
2-Chlorophenol
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
3,3-Dichlorobenzidine
1,1-Dichloroethylene
1,2-Trans-dichloroethylene
2,4-Dichlorophenol
1,2-Dichloropropane
1,3-Dichloropropylene (1,3-dichloropropene)
2,4-Dimethylphenol
2,4-Dinitrotoluene
2,6-Dinitrotoluene
1,2-Diphenylhydrazine
Ethylbenzene
Fluoranthene
4-Chlorophenyl phenyl ether
4-Bromophenyl phenyl ether
Bis (2-chloroisopropyl) ether
Bis (2-chloroethoxy) methane
Methylene chloride (dichloromethane)
Methyl chloride (chloromethane)
Methyl bromide (bromomethane)
Bromoform (tribromomethane)
Dichlorobromomethane
Chlorodibromomethane
Hexachlorobutadiene
Hexachlorocyclopentadiene
Isophorone
Naphthalene
Nitrobenzene
2-Nitrophenol
4-Nitrophenol
2,4-Dinitrophenol
4,6-Dinitro-o-cresol
N-nitrosodimethylamine
N-nitrosodiphenylamine
N-nitrosodi-n-propylamine
Pentachlorophenol
Phenol
Bis (2-ethylhexyl) phthalate
Butyl benzyl phthalate
Di-n-butyl phthalate
Di-n-octyl phthalate
Diethyl phthalate
Dimethyl phthalate
1,2-Benzanthracene (benzo(a)anthracene)
Benzo(a)pyrene (3,4-benzopyrene)
3,4-Benzofluoranthene (benzo(b)fluoranthene)
11,12-Benzofluoranthene (benzo(k)fluoranthene)
Chrysene
Acenaphthylene
Anthracene
1,12-Benzoperylene (benzo(ghi)perylene)
Fluorene
Phenanthrene
1,2,5,6-Dibenzanthracene (dibenzo(a,h)anthracene)
Indeno(1,2,3-cd) pyrene (2,3-o-phenlene pyrene)
Pyrene
Tetrachloroethylene
Toluene
Trichloroethylene
Vinyl chloride (chloroethylene)
Aldrin
Dieldrin
Chlordane (technical mixture and metabolites)
4,4-DDT
4,4-DDE (p,p-DDX)
4,4-DDD (p,p-TDE)
Alpha-endosulfan

(c) No user introducing wastewater pollutants into a publicly owned treatment works under the provisions of this subpart shall augment the use of process wastewater as a partial or total substitute for adequate treatment to achieve compliance with this standard.

(d) An existing source submitting a certification in lieu of monitoring pursuant to § 433.12 (a) and (b) of this regulation must implement the toxic organic management plan approved by the control authority.

(e) An existing source subject to this subpart shall comply with a daily maximum pretreatment standard for TTO of 4.57 mg/l.

(f) Compliance with the provisions of paragraph (c), (d), and (e) of this section shall be achieved as soon as possible, but not later than June 30, 1984, however metal finishing facilities which are also covered by part 420 (iron and steel) need not comply before July 10, 1985. Compliance with the provisions of paragraphs (a) and (b) of this section shall be achieved as soon as possible, but not later than February 15, 1986.

[48 FR 32485, July 15, 1983, as amended at 48 FR 41410, Sept. 15, 1983; 48 FR 43682, Sept. 26, 1983]

§ 433.16 New source performance standards (NSPS).

(a) Any new source subject to this subpart must achieve the following performance standards:

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Monthly average shall not exceed
	Milligrams per liter (mg/l)	
Cadmium (T)	0.11	0.07
Chromium (T)	2.77	1.71
Copper (T)	3.38	2.07
Lead (T)	0.69	0.43
Nickel (T)	3.98	2.38
Silver (T)	0.43	0.24
Zinc (T)	2.61	1.48
Cyanide (T)	1.20	0.65
TTO	2.13	.....
Oil and Grease	52	26
TSS	60	31
pH	(1)	(1)

[1] Within 6.0 to 9.0.

(b) Alternatively, for industrial facilities with cyanide treatment, and upon agreement between a source subject to those limits and the pollution control authority, the following amenable cyanide limit may apply in place of the total cyanide limit specified in paragraph (a) of this section:

Pollutant or pollutant property	Maximum for any 1 day	Monthly average shall not exceed
	Milligrams per liter (mg/l)	
Cyanide (A)	0.86	0.32

(c) No user subject to the provisions of this subpart shall augment the use of process wastewater or otherwise dilute the wastewater as a partial or total substitute for adequate treatment to achieve compliance with this limitation.

[48 FR 32485, July 15, 1983; 48 FR 43682, Sept. 26, 1983]

§ 433.17 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources (PSNS):

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Monthly average shall not exceed
	Milligrams per liter (mg/l)	
Cadmium (T)	0.11	0.07
Chromium (T)	2.77	1.71
Copper (T)	3.38	2.07
Lead (T)	0.69	0.43
Nickel (T)	3.98	2.38
Silver (T)	0.43	0.24
Zinc (T)	2.61	1.48
Cyanide (T)	1.20	0.65
TTO	2.13	.....

(b) Alternatively, for industrial facilities with cyanide treatment, and upon agreement between a source subject to these limits and the pollution control authority, the following amenable cyanide limit may apply in place of the total cyanide limit specified in paragraph (a) of this section:

A-3K

Pollutant or pollutant property	Maximum for any 1 day	Monthly average shall not exceed
	Milligrams per liter (mg/l)	
Cyanide (A)	0.86	0.32

(c) No user subject to the provisions of this subpart shall augment the use of process wastewater or otherwise dilute the wastewater as a partial or total substitute for adequate treatment to achieve compliance with this limitation.

(d) An existing source submitting a certification in lieu of monitoring pursuant to §433.12 (a) and (b) of this regulation must implement the toxic organic management plan approved by the control authority.

[48 FR 32485, July 15, 1983; 48 FR 43682, Sept. 26, 1983]

PART 434—COAL MINING POINT SOURCE CATEGORY BPT, BAT, BCT LIMITATIONS AND NEW SOURCE PERFORMANCE STANDARDS

Subpart A—General Provisions

Sec.
434.10 Applicability.
434.11 General definitions.

Subpart B—Coal Preparation Plants and Coal Preparation Plant Associated Areas

434.20 Applicability.
434.21 [Reserved]
434.22 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
434.23 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
434.24 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]
434.25 New source performance standard (NSPS).

Subpart C—Acid or Ferruginous Mine Drainage

434.30 Applicability; description of the acid or ferruginous mine drainage subcategory.
434.31 [Reserved]
434.32 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
434.33 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
434.34 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]
434.35 New source performance standards (NSPS).

Subpart D—Alkaline Mine Drainage

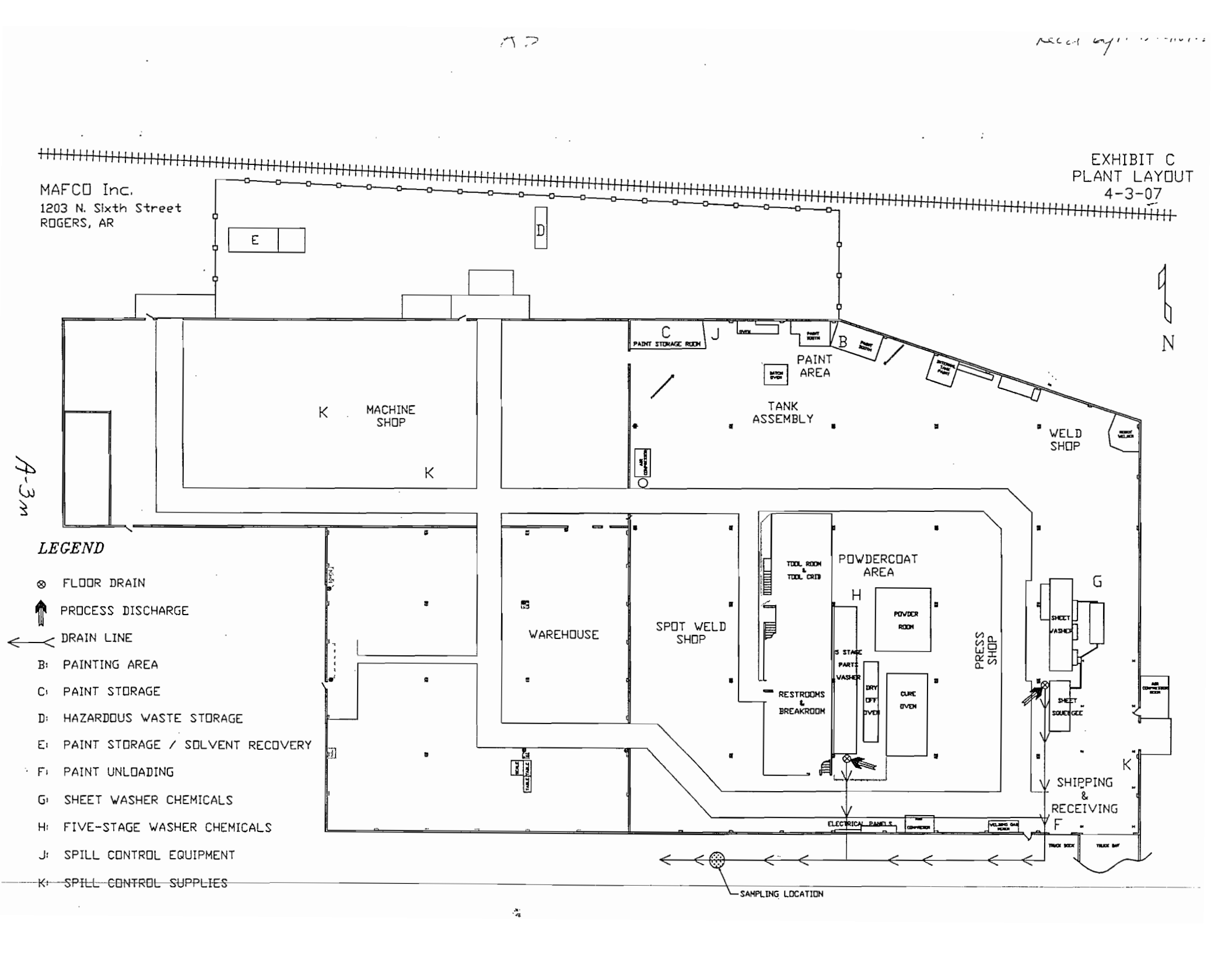
434.40 Applicability; description of the alkaline mine drainage subcategory
434.41 [Reserved]
434.42 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
434.43 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
434.44 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]
434.45 New source performance standards (NSPS).

Supbart E—Post-Mining Areas

434.50 Applicability.
434.51 [Reserved]
434.52 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
434.53 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
434.54 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

EXHIBIT C
PLANT LAYOUT
4-3-07

MAFCO Inc.
1203 N. Sixth Street
ROGERS, AR



LEGEND

- ⊗ FLOOR DRAIN
- PROCESS DISCHARGE
- DRAIN LINE
- B: PAINTING AREA
- C: PAINT STORAGE
- D: HAZARDOUS WASTE STORAGE
- E: PAINT STORAGE / SOLVENT RECOVERY
- F: PAINT UNLOADING
- G: SHEET WASHER CHEMICALS
- H: FIVE-STAGE WASHER CHEMICALS
- J: SPILL CONTROL EQUIPMENT
- K: SPILL CONTROL SUPPLIES

EXHIBIT B

HAZARDOUS MATERIAL INVENTORY LIST

Revised 6/6/08

Material	Quantity	Container	Location
Paint	200 gal.	55 gal. Drums 5 gal. Buckets	B
Paint	400 gal	55 gal. Drums 5 gal. Buckets	C
Paint	6	55 gal. Drums	E
MEK	1	55 gal. Drum	C
MEK	2	55 gal. Drums	E
MEK	1	5 gal. Can	B
Waste Paint	1	55 gal. Drum	C
Waste Paint	4	55 gal. Drums	D
Waste Paint	1	55 gal. Drums	E
Waste Thinner	1	55 gal. Drums	C
Waste Thinner	5	55 gal. Drums	E
#71518 Cleaner	1	450 lb. Drum	G
#10817 Coater	1	550 lb. Drum	G
Buytl Carbitol (Glycol Ether)	1	440 lb. Drum	G
Phosphoric Acid (sheet washer only)	1	5 gal. Can	G
#90517 Final Rinse	1	5 gal. Can	G
Duratec 100	1	55 gal. Drum	H
Liquid Ferro Terj	1	55 gal. Drum	H

Attachment A-4

City of Rogers
Business License Listing, New Business
May 10, 2011

Bus#	Name of Business	Business Location	Cat	Date	Telephone	Mailing Address
9565	A.J.' S MOWING SERVICES *Contact* AMILCAR J RAMOS	3204 S 3RD ST	03	4/11/2011	(479) 715-3045	3204 S 3RD ST ROGERS, AR 72758-
9574	ACADEMY OF PROFESSIONAL COS *Contact* APC SCHOOLS INC.	2600 W HUDSON RD	03	4/15/2011	(479) 246-0046	2600 W HUDSON RD ROGERS, AR 72756-
9561	ACTIVISION BLIZZARD *Contact* DAVE FREEMAN	3301 MARKET ST SUITE 205	01	4/11/2011	(310) 255-2136	3301 MARKET ST SUITE 205 ROGERS, AR 72758-
9571	ADVANTAGE *Contact* AUSTIN EDWARDS	529 W TAFT	01	4/15/2011	(708) 331-8351	529 W TAFT SOUTH HOLLAND, IL 60473-
9563	ALL AMERICAN CARPET CLEANING *Contact* LARRY CARPENTER	3505 SHADY HILL CIRCLE	03	4/11/2011	(479) 899-1688	3505 SHADY HILL CIRCLE ROGERS, AR 72758-
9575	ANGELA HARRIS PHOTOGRAPHY *Contact* MICHAEL & ANGELA HARRIS	114 S FIRST ST.	03	4/15/2011	(479) 616-8451	114 S FIRST ST. ROGERS, AR 72756-
9567	BOATCENTER INC. *Contact* JIM STENCIL	2314 S 8TH ST	01	4/11/2011	(479) 936-9993	2314 S 8TH ST ROGERS, AR 72758-
9590	BRYANT FIRM, P.A., THE *Contact* JOSHUA S BRYANT	9 HALSTEAD CIRCLE	04	5/5/2011	(479) 633-8994	9 HALSTEAD CIRCLE ROGERS, AR 72756-
9576	D & F AUTO *Contact* DAVID BATRES	2004 S 8TH ST	01	4/15/2011	(479) 966-0323	2004 S 8TH ST ROGERS, AR 72758-
9581	GRIZZLY BUILT CONSTRUCTION *Contact* ADAM HOWARD	1531 S 8TH ST	09	4/29/2011	(479) 631-4546	4500 HIGHLAND KNOLLS ROGERS, AR 72758-
9562	GUNTER & SMITH PROF SERVICES *Contact* BRIAN SMITH	1620 S 9TH	03	4/11/2011	(479) 531-5354	1620 S 9TH ROGERS, AR 72756-
9557	GYMBOREE RETAIL STORES, INC. *Contact* LYNDA GUSTAFSON	2203 PROMENADE BLVD. ST	01	4/15/2011	(415) 278-7000	500 HOWARD ST SAN FRANCISCO, CA 94105-

Bus#	Name of Business	Business Location	Cat	Date	Telephone	Mailing Address
9587	HANSEN PLUMBING *Contact* JOHN HANSEN	3252 N OLD WIRE RD	03	5/5/2011	(479) 236-1861	3252 N OLD WIRE RD FAYETTEVILLE, AR 72703-
9573	HUNDLEY HOMES, INC. *Contact* MICHAEL HUNDLEY	16 CULLEN HILLS DR	09	4/15/2011	(479) 855-1373	16 CULLEN HILLS DR BELLA VISTA, AR 72715-
9588	IMPERIAL FENCE OF NWA, LLC *Contact* KLARISSA M KELLEY	3411 SUSAN PLACE	03	5/5/2011	(479) 246-0672	3411 SUSAN PLACE ROGERS, AR 72756-
9585	J & M CLEANING SERVICES *Contact* JAQUELINE CAMPOS	111 N DRIVE	03	5/5/2011	(479) 544-1228	111 N DRIVE ROGERS, AR 72756-
9586	JACUELINE CATERING *Contact* EMILLIO GARMENDIA	2331 S 8TH	(05)	5/5/2011	(479) 633-8909	1509 ROLLING OAKS DR ROGERS, AR 72756-
9578	JUAN LANDSCAPING *Contact* JUAN R MIRA	1416 W OLIVE ST	03	4/29/2011	(479) 657-5968	1416 W OLIVE ST ROGERS, AR 72756-
9593	LOS CANFARIOS *Contact* JOSE MARISCAL	1101 52ND ST	(05)	5/5/2011	(479) 273-0011	1101 52ND ST ROGERS, AR 72758-
9569	MAINSTAY SUITES *Contact* JOHN SINGH	301 S 45TH ST	06	4/11/2011	(479) 636-3232	301 S 45TH ST ROGERS, AR 72758-
9584	MERIDIENNE DESSERT SALON *Contact* WEDNESDAY AREND	112 S 1ST ST	(05)	4/29/2011	(479) 631-2253	112 S 1ST ST ROGERS, AR 72756-
9566	MINUTE KEY, INC. *Contact* RANDY FAGUNDO	21250 CALIFA ST SUITE 103	03	4/11/2011	(818) 716-5991	21250 CALIFA ST SUITE 103 WOODLAND HILLS, CA 91367-
9583	MONEYGRAM INTERNATIONAL *Contact* AMY MCPHERSON	3300 MARKET ST STE. 110	03	4/29/2011	(479) 271-6531	3300 MARKET ST STE. 110 ROGERS, AR 72758-
9582	NORTHWEST ARKANSAS HEARING *Contact* DONNA COLLINS	317 W POPLAR ST	01	4/29/2011	(479) 631-1010	6425 FLYING CLOUD DR ATTN: LEGAL DEPT EDEN PRAIRIE, MN 55344-
9568	PARADISE DONUTS *Contact* TIMONI INVESTMENTS LLC	500 N DIXIELAND STE 1	(05)	4/11/2011	(479) 899-6865	500 N DIXIELAND STE 1 ROGERS, AR 72756-

Bus#	Name of Business	Business Location	Cat	Date	Telephone	Mailing Address
9580	PAUL BRADLEY	PO BOX 1334	09	4/29/2011	(479) 531-7285	PO BOX 1334
	Contact PAUL BRADLEY					BENTONVILLE, AR 72712-
9577	PERRY BAKER LLC	18627 DEER MEADOW DR	09	4/15/2011	(479) 721-9926	18627 DEER MEADOW DR
	Contact PERRY BAKER					GARFIELD, AR 72732-
9579	PROFESSIONAL FLOORING SERVI	930 S 27TH ST	03	4/29/2011	(479) 841-5000	930 S 27TH ST
	Contact CHED PARKER					ROGERS, AR 72758-
9591	QDOBA MEXICAN GRILL	2005 PROMENADE BVD	05	5/5/2011	(417) 447-0186	722-B W OLIVE
	Contact RANDALL G ALLEN					SPRINGFIELD, MO 65806-
9572	RECYCLED	1104 W PINE ST	03	4/15/2011	(479) 619-9483	1104 W PINE ST
	Contact KARL ROTEN					ROGERS, AR 72756-
9589	REMODELING AND REPAIRS	12905 CLOVERDALE DR	03	5/5/2011	(479) 426-6563	12905 CLOVERDALE DR
	Contact KENNETH J BORGMAN					ROGERS, AR 72756-
9570	SERENITY LAYNE TYE DYES	1321 FOREST DR	01	4/15/2011	(479) 586-8433	PO BOX 2586
	Contact BONNIE KINCAID					ROGERS, AR 72757-
9592	VINTAGE GLAM & JUNQUE	108 W ELM ST	01	5/5/2011	(479) 531-4798	13600 WALNUT VALLEY ROAD
	Contact TRACIE FORESEE					ROGERS, AR 72756-
9564	V'S DOWNTOWN TRADING CO	107 ELM ST	01	4/11/2011	(479) 899-6280	107 ELM ST
	Contact DINO OR MELANIE VERGUER					ROGERS, AR 72756-

Codes for Business Categories	
Category 1	SALES
2	MANUFACTURING
3	SERVICE (Other than Professional)
4	PROFESSIONAL SERVICES
5	RESTAURANTS
6	RENTAL UNITS
7	CATALOG HOUSES
8	CHILD CARE FACILITIES
9	CONTRACTORS, ELECTRICIANS AND PLUMBERS

Attachment A-5

INDUSTRIAL INSPECTION REPORT

CITY OF ROGERS, ARKANSAS

***** GENERAL INSPECTION INFORMATION *****

Industry name: MAFCO Inc.

Address: 1203 North 6th Street, Rogers, Arkansas 72756

Phone number: (479) 631-0404 Years at present location: 14 (1996)

Inspection type: Pretreatment Compliance Inspection – announced

Inspection date: **11/10/10** Time of inspection: **1330-1500** hrs

Industry type / category: Metal Fabrication & Finishing 433.17 SIC Code(s): 3449 NAIC Code(s): 332313

Nature of operation: Machining, assembly, testing, metal forming, welding, parts washing, wet painting & powder coating.

Number of employees: 22 Work hrs/day: 10 Work days/week: 4 to 5 Days/year: 200

IUD permit number: 10-MFC Expiration date: 12/31/12

Inspector: Paul Burns

Industry representatives: John Wood

***** RECORD KEEPING INFORMATION *****

Does IU have copy of permit on file? Yes

Does IU have copies of DMR's on file? Yes Reviewed 04/10 and latest results about to be submitted

Has IU had any problems filling out DMR? No

Does IU have a copy of SCP, P2, TOMP on file? Yes. SCP 3/10; P2 3/10; TOMP 3/10

Are all required files / records maintained for three years? Yes

Are all records well organized and readily available? Yes

***** GENERAL FACILITY INFORMATION *****

Did the previous inspection identify areas, which the IU was required to correct? No. What areas were identified? There were only minor deficiencies identified during the last inspection. MAFCO must sample throughout the entire batch discharge, including the end when some sediment is discharged. MAFCO should post key spill response information in locations where all employees have access to it. MAFCO should improve the north lot housekeeping by cleaning up scattered trash and hauling off old wooden crates.

What progress has the IU made in correcting the identified deficiencies? MAFCO now makes sure sampling is representative. MAFCO has agreed to increase the sample time to at least 46 minutes and turn on the tank agitators 1 hr before the batch discharge. Was not able to determine if any spill response signage had been added during this inspection. The north lot still had poor housekeeping.

Are there any planned changes to the facility? No.

Has the IU complied with IUD permit requirements? Yes.
Total phosphorus is no longer an issue at MAFCO since May 2008 when 5-stage washer chemicals were changed. An NOV for high silver was issued then retracted. When silver is analyzed using method 200.7 the zirconium being used in the 5-stage washer causes a false positive. Using an alternative wavelength or method 200.8 solves this problem. Only the 3-stage washer uses phosphorus; wastewater from this process is hauled off.

***** GENERAL FACILITY INFORMATION *****

Raw materials used:

Sheet steel, bronze castings, steel and brass pipe, steel and brass bar stock

Paint (wet), powder coat paint, alkaline cleaners, and acidic cleaners.

Process description:

Raw steel is cleaned, cut, stamped, welded, assembled, and leak tested to form residential water system tanks and various contracted metal parts. These parts are cleaned and then powder coated or painted (if too large for 5 stage washer, wiped with MEK and then painted with paints thinned with MEK).

Products Produced:

Pressurized water tanks, wall hydrants, brass valves, blower assemblies and feed dispensers.

MAFCO is working with various contractors to weld and paint various component parts and conduct miscellaneous assemblies.

Process areas:

3-Stage Sheet Washer: located in east section of the facility; discharges mild acid cleaner/coater, clean booster, oils, DB solvent, and soda ash (for pH adjustment), steel particles, rust inhibitor. Counter-current system: rinse tank #2 is pumped to 900 gallon holding tank so that tank #3 can be pumped to tank #2. Tank #3 is the final rinse and is fed with fresh water. The 900-gallon holding tank is fed to phosphatizing tank #1 to keep it at the proper level. There is **no discharge** to sanitary sewer from this washer. Water in tank #1 is hauled off once a year. No drains/trenches in this area.

5-Stage Parts Washer: located in the east section, center of work area, discharges mild alkaline cleaner, iron, oils and steel particles. Counter-current system: fresh water feeds final seal tank #5, fresh water feeds rinse tank #4 which then feeds the heated coating pretreat #3 tank. Fresh water feeds the #2 rinse tank, which feeds the heated detergent tank #1.

The 1000-gallon #2 rinse tank is discharged weekly. 650 gallon #4 rinse tank now discharged once a month.

Housekeeping in all process areas was good.

Water source % City: 100% Other:

Wastewater breakdown:

750 gallons/day, 4 days/week – sanitary waste
1000 gallons, 1/week, 5-Stage parts washer, #2 rinse tank
650 gallons, 1/month, 5-stage parts washer, #4 rinse tank
All 5-stage washer tanks, 1/year

Total flow to collection system: 750 gallons sanitary-only daily plus 1,000 to 1650 gallons weekly process.

***** GENERAL FACILITY INFORMATION *****

Process chemicals and wastestreams:

Liquid Ferro Terj: heavy duty alkaline degreasing detergent used in #1 tanks of washers (3 stage washer detergent contains pyrophosphate, 5 stage does not).

Duratech 100: replaces Secure 2201, phosphate free, coating pretreat, used in 5 stage washer tank #3.

Duraseal: replaces Secure Seal, phosphate free, paint adhesion & corrosion resistance enhancer, used in 5 stage washer #5 tank, no molybdate, 5-10% fluorozirconic acid.

Cleaner booster: glycolether, 3 stage washer, tank #1

#24346 Cleaner: potassium hydroxide and dimethylethanolamine: 3 stage washer, final rinse, tank #3

Paints: durable paints thinned with **MEK**

Chemical storage area:

All solvents, thinners, and paints are stored in bulk 55-gallon drums in a ventilated building outside north of the facility. There are no open drains in this area. In-use alkaline cleaners are located adjacent to washers and within 50' of an open drain. In-use paints are located adjacent to paint spray area and are within 15' of an open drain, yet drain area is bermed to prevent entry to sanitary sewer.

MEK recovery distillation unit is next to paint storage.

Waste storage area:

Waste solvents and paints are stored in 55-gallon drums in a covered waste storage area located north of the facility. There are no drains to the sanitary in the immediate area. Virgin paint and solvents are also stored in paint storage building north of the facility. This area does not have any drains to the sanitary system.

Non-regulated waste oil and washer sludge is also stored for disposal in the waste storage area.

North lot near chemical and waste storage contains a large amount of old wooden crates and pallets. There is also some trash scattered throughout the lot.

Are there any floor drains in or around the waste and chemical storage areas? No If yes, have they been properly Sealed to prevent an illegal discharge of hazardous waste? Explain:

Wastestream to surface / groundwater: No

Other permits: General stormwater permit, ARR0000000 Issued: June 30, 2010 Expires: June 30, 2014

***** MONITORING INFORMATION *****

Monitoring facility:

MAFCO has an ISCO 1" parshall flume installed on the discharge side immediately after the sheet washer. MAFCO also has an ISCO parshall flume located in the manhole outside the facility. This flume receives process water from the 5-stage parts washer as well as sanitary waste from an employee restroom. Neither flume has a flow meter. During the time of process discharge, the monitoring site receives waste from the 5-stage washer #2 rinse tank and #4 rinse tank. Employees are notified of the discharge and all sanitary discharges from the employee restroom are ceased for the approximate 1-1.25 hour discharge period. Since this is a batch discharge, with a total of 1650 gallons/discharge and a constant flow rate, MAFCO uses an ISCO 2910 autosampler to collect a time-composited sample. As mentioned above, MAFCO does not have a flow meter.

Comments: In 2006, MAFCO discontinued discharging the 3-stage rinse water to the sanitary system. Concerning 5-stage washer batch dumps, it was pointed out to MAFCO that only sampling for 40 minutes doesn't catch the "dregs" from the bottom of the tanks. MAFCO has agreed to increase the sample time to at least 46 minutes and turn on the tank agitators 1 hr before the batch discharge.

Sampling techniques: automatic time proportional composite samples taken during a 46 to 55 minute batch discharge.

Preservation techniques: MAFCO follows 40 CFR preservation procedures – acid fix of metal samples upon arrival at the laboratory.

Do sampling and analytical procedures conform to EPA methods? Yes.

Are chain of custody procedures employed? Yes

Contract laboratory information:

Name:	Environmental Services Company, Inc.
Address:	1107 Century, Springdale
Telephone number:	479-750-1170
Contact:	Richard Brown
Parameters:	Cd, Cr, Cu, Ni, Pb, Ag, Zn, CN, T-P, pH – semiannually; TTO – as needed.

Is laboratory certified? Yes

Permit violations (past twelve months):
MAFCO has not had a violation since 2002. An NOV for high silver was issued then retracted. When silver is analyzed using method 200.7 the zirconium being used in the 5-stage washer causes a false positive. Using an alternative wavelength or method 200.8 solves this problem.

Is control authority notified of all violations within twenty-four hours? Yes

At what frequency does industry sample? Semiannual pH, metals, and flow readings.

Has industry experienced any upset conditions since last inspection? No. Was Control Authority notified? N/A

If yes, give a brief description:

Is pH testing done in-house? Yes. If no, please name contract laboratory:

If pH testing is done in-house, does IU understand proper technique for taking pH readings? Yes. What method is used?

MAFCO follows 40 CFR approved method; using a 2 point calibration. MAFCO uses fresh buffers, and a 3-point pH span range for calibration (pH 7 and pH 10). All pH calibration, collection and recording data was on file, up-to-date and accurate.

***** PRETREATMENT INFORMATION *****

Pretreatment process:

MAFCO does not have pretreatment operations.

MAFCO is able to meet effluent discharge limits without pretreatment.

pH adjustment not necessary for weekly, monthly, or yearly process dumps.

Certain tanks are never discharged to sanitary sewer.

Have there been any changes to the pretreatment process since the last inspection? N/A If yes, explain:

Comments: Since the 3 stage washer has not been used as much over the last year, the high phosphorus water has not been pumped and hauled off in 2 years. Pump and haul should occur before the end of 2010.

Diagram:

***** ENVIRONMENTAL MANAGEMENT INFORMATION *****

Has this facility experienced a spill or slug discharge into the sanitary sewer or storm drain? No

If so, describe the incident (when, what was spilled, amount, cause of spill/slug, actions taken):

Note: Discussed with IU the posting key spill response information in a location where all employees have access to it.

The Control Authority evaluated this facility and determined a Slug Control Plan is necessary? Yes

Date of initial evaluation: 10/96 Action taken by Control Authority: Permit with SCP requirement, since 1997

Date of last evaluation: 9/20/07 Note: See 11/27/06 Slug/Spill Evaluation Checklist for complete assessment.

Does this facility have an active Slug Control Plan? Yes

Date last reviewed by IU? Spring 2010 Date last revised by the IU: Spring 2010

Slug/Spill concerns at this facility:

Chemical Storage: no containment, no drains/trenches	Spill Potential: Medium
Manufacturing Processes: No tank overflows, no drains/trenches	Spill Potential: Medium
Pretreatment: N/A	Spill Potential: N/A
Dock: 1 Sump discharging to stormwater	
Specific Prohibitions: Yes	pH, oils & greases, vapors & fumes
Batch Discharges: No	
Non-Discharged Waste: Yes	used oil, waste paint & solvents, washer sludge

Does this facility have a Pollution Prevention Plan? Yes

Date last reviewed by IU: Spring 2010 Date last revised by the IU: Spring 2010

What is the primary concern at this facility?

This facility has low impact on collection and wastewater treatment system. Low quantity acids and cleaners are used. pH, phosphorus, and metals are monitored. MAFCO also has a TOMP.

Describe the best management practices this facility uses to prevent or reduce pollution:

MAFCO reuses and recycles water so that no more than 1650 gallons is discharged to the sewer system weekly. Phosphate free chemicals are now in use. Sludge in the bottom of wash tanks is transferred to drums and then hauled off. MAFCO is constantly working to reduce any excess cost to the system and minimize the environmental impact. MEK is distilled onsite for reuse. SCP includes information on hazardous waste training for all employees.

Does this facility have an Environmental Management System (EMS)? No

Date last reviewed by IU: N/A Date last revised by IU: N/A

Describe the environmental performance goals of this facility:

***** HAZARDOUS WASTE INFORMATION *****

Does IU generate hazardous waste? Yes

EPA identification number of hazardous waste generator: ARD091683045

Does IU comply with RCRA requirements? Yes

RCRA transporter:

Name:	Rineco Transportation
Address:	Benton, AR
Phone:	see below
EPA number:	ARR000016733

Disposal facility:

Name:	Rineco
Address:	1007 Vulcan R. Haskell, Benton, AR 72015
Phone:	501-778-6325; 800-377-4692
EPA number:	ARD981057870

Waste description: Name, amount, frequency of disposal.

Waste Paint: 2 drums. Stored in drums in containment structures then hauled off twice a year.

MEK waste solvent: 1 drum. Stored in drums in containment structures then hauled off.

Non-Regulated washer sludge: 2 drums. Stored in drums in containment structures and hauled off.

Skimmed oil: 4 drums. Stored in drums in containment structures then hauled off.

Non-hazardous phosphatizing wastewater: 1000 gallons, 1/year hauled off if necessary.

Date of last disposal: 06/24/10

Does IU have copies of signed manifest? Yes, see attached; 110 gallons of waste paint was hauled off.

Are all hazardous waste drums properly labeled? Yes

Comments:

MAFCO disposes (hauled off) 1000 gallons of non-hazardous phosphatizing wastewater from the 3-stage sheet washer about once a year. The detergent Liquid Ferro Terj for 3 stage washer contains pyrophosphates. The most recent disposal date was 11/05/07. Disposal average cost $0.65/gallon. Now allowed to dump all 5 tanks from 5 stage washer 1/year; metal results higher but within limits.

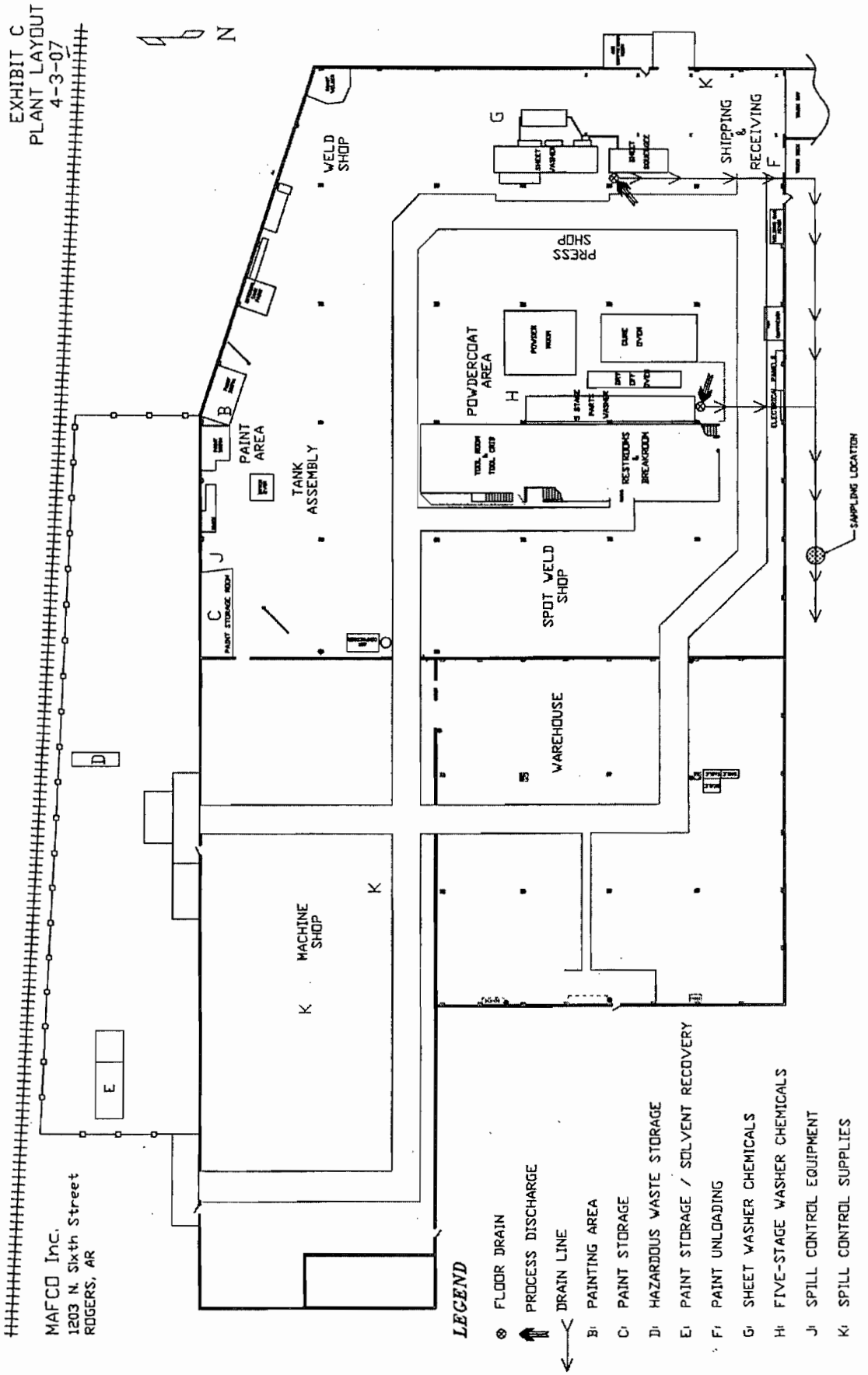
Also MAFCO hauls off skimmed oil from both the 3-stage and 5-stage washers and used oil. 4-5 barrels are hauled at a time. Disposal is handled by Used Oil Services in Springdale, AR and Bethany, OK. – 479-521-7070. MAFCO does not pay a disposal/collection fee if there are enough barrels to warrant Used Oil Services collection.

MEK was removed from the 313 list in 2005. Still listed as hazardous waste under 261.33

Dimethylethanolamine, a chemical used for the 3 stage washer, is on the 313 list but exempt due to low concentration.

TTO scan for Table II pollutants was performed 05/05/08 and all of the results were less than detection limits. This was wastewater that is discharged weekly from the 5 stage washer and does not include waste from all tanks.

***** DRAWINGS AND DIAGRAMS *****



***** INSPECTION ANALYSIS AND SUMMARY *****

Has IU been given any new information pertaining to pretreatment by the control authority? Yes. If yes, give a summary. MAFCO is no longer using phosphorus based chemicals in the 5-stage washer. This office needs to determine if the discharge from the 5-stage washer is still categorically metal finishing. MAFCO is presently compliant with all pretreatment requirements.

Inspection summary:
The inspection consisted of a facility walk-through and observation of all facility processes, pretreatment operations, monitoring facility, chemical storage, and housekeeping. During the inspection all required records and plans were reviewed. All observed operations were, for the most part, clean and operable, all documents were readily available and orderly and MAFCO personnel were cooperative and informative. MAFCO continues to meet permit limits, reduce loading to the system, and minimize water usage.

MAFCO is continuing to use phosphate-free chemicals in the 5-stage washer. It is possible that this wastewater no longer fits into the category of metal finishing – see 40 CFR 433.10.

The north lot near chemical and waste storage contains large amounts of old wooden crates and pallets. There is also some trash scattered throughout the lot.

Recommended action(s):
This office will contact ADEQ in order to determine if wastewater from the 5-stage washer should no longer be regulated under metal finishing.
It is recommended that housekeeping be improved in the north lot especially in proximity to chemical and waste storage.

Report completed by: Paul N. Burns Paul N Burns Date: 12/17/10

ROGERS POLLUTION CONTROL FACILITY

"Serving Rogers - Protecting Our Environment"

Mr. Roger Johansen
General Manager
MAFCO, Inc.
1203 North 6th Street
Rogers, AR 72756

December 17, 2010

Re: Pretreatment Compliance Inspection

Dear Sir:

An announced pretreatment compliance inspection (PCI) was performed at MAFCO Inc. on November 10, 2010. Paul Burns of the City of Rogers conducted the inspection. John Wood represented MAFCO, Inc.

The inspection consisted of a facility walk-through and observation of all facility processes, pretreatment operations, monitoring facility, chemical storage, and housekeeping. During the inspection all required records and plans were reviewed. All observed operations were, for the most part, clean and operable, all documents were readily available and orderly and MAFCO personnel were cooperative and informative. MAFCO continues to meet permit limits, reduce loading to the system, and minimize water usage.

MAFCO is continuing to use phosphate-free chemicals in the 5-stage washer. It is possible that this wastewater no longer fits into the category of metal finishing – see 40 CFR 433.10.

The north lot near chemical and waste storage contains large amounts of old wooden crates and pallets. There is also some trash scattered throughout the lot.

This office will contact ADEQ in order to determine if wastewater from the 5-stage washer should no longer be regulated under metal finishing.

It is recommended that housekeeping be improved in the north lot especially in proximity to chemical and waste storage.

If you have any questions regarding this inspection summary please contact me at 273-7378 x109.

Sincerely,

Paul N Burns

Paul N. Burns
Pretreatment Coordinator
Pretreatment, Grease Abatement, and Pollution Prevention
paulburns@rwu.org

Cc: Tom McAlister, RWU General Manager
Cary Roth, ES Team Coordinator
File

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ARD091683045	1	479-631-0404	003211232 FLE

GENERATOR

5. Generator's Name and Mailing Address
Mafco
1203 North 6th Street
Rogers, AR 72756
Generator's Phone: 479-631-0404 John Wood

Generator's Site Address (if different than mailing address)
Mafco
1203 North 6th Street
Rogers, AR 72756

TRANSPORTER

6. Transporter 1 Company Name: Rineco Transportation LLC — U.S. EPA ID Number: ARR000016733

7. Transporter 2 Company Name — U.S. EPA ID Number:

DESIGNATED FACILITY

8. Designated Facility Name and Site Address
RINECO
1007 Vulcan Road
Benton, AR 72015
Facility's Phone: 501-778-6325

U.S. EPA ID Number: ARD981057870

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN1263, Waste Paint, 3, PG II, (D001 @ 100 lbs.)	2	DM	110	G	D001, D035, F003, F005
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. 9705-02194. ERG# 128 Paint Waste.

Pickup 06/24/2010 1:00 PM LOAD # 181172

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: John Wood — Signature: John Wood — Month 6 Day 24 Year 10

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Darren Sosa — Signature: Darren Sosa — Month 6 Day 24 Year 10

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H061			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Shonda S. Dale — Signature: Shonda S. Dale — Month 6 Day 24 Year 10

A-5K

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

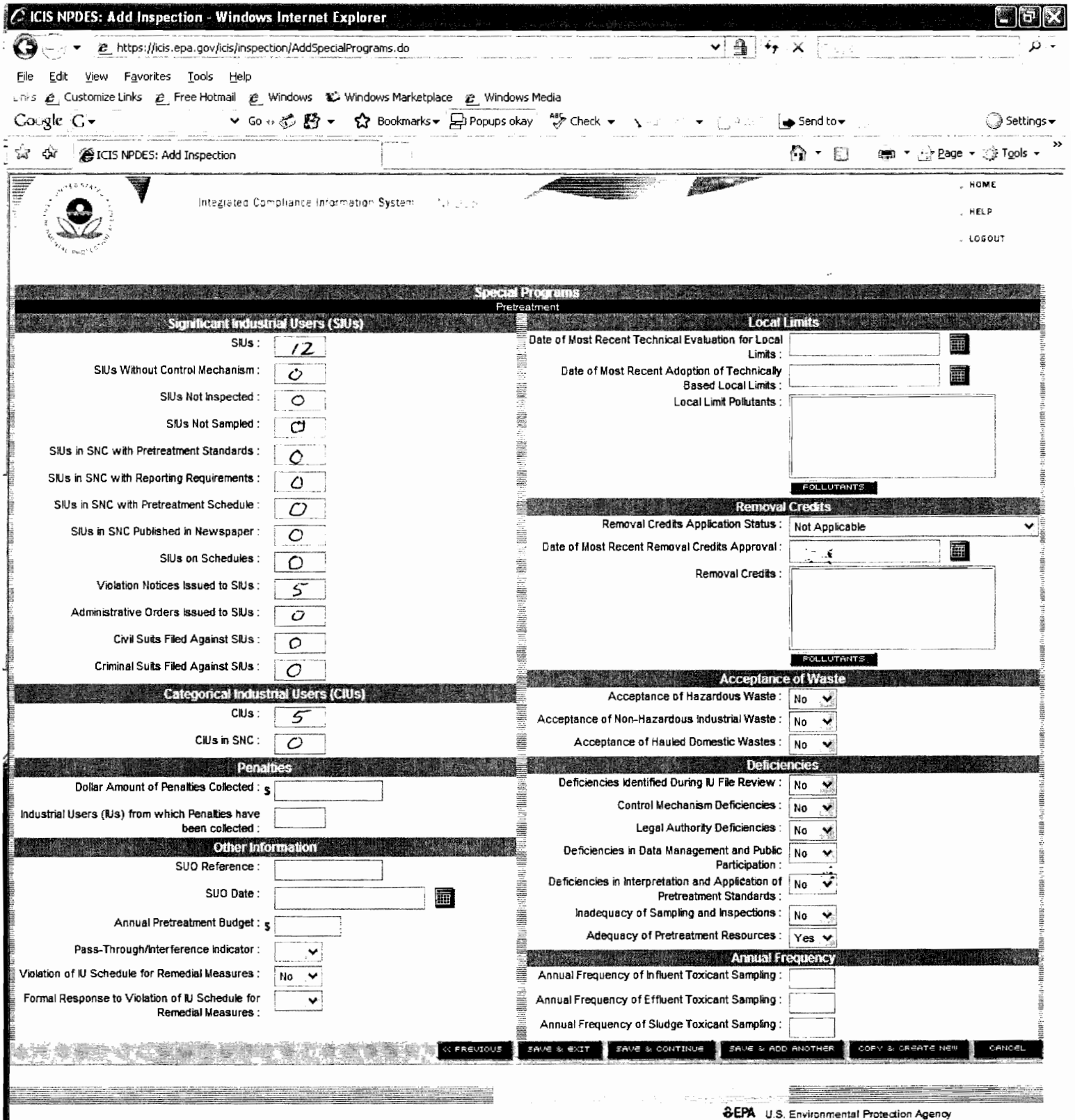
Attachment A 6

Southeast Poultry, Rogers, AR **Monitoring Results**

LIMIT		5.0	12.0	350		350		100								
Date	Flow MGD	pH Min	pH Max	CBOD mg/L	CBOD lb/day	TSS mg/L	TSS lb/day	O/G mg/L	O/G lb/day	TP mg/L	TP lb/day	PO4-P mg/L	PO4-P lb/day	NH_3-N mg/L	NH_3-N lb/day	
06/04/10	0.033300			81.0	22.5	78.0	21.7	13.0	3.61	9.1	2.53			0.90	0.25	S
06/16/10	0.016400			***512***	70.0	46.0	6.29	3.4	0.47	17.7	2.42			91	12.4	S
07/09/10	0.031900			***441***	117	33.0	8.78	3.1	0.82	19.5	5.19			56.4	15.0	S
07/14/10	0.029500			***368***	90.5	54.0	13.3	24.2	5.95	11.6	2.85			62.3	15.3	S
07/27/10	0.028600			***870***	208	***430***	103	***964***	229.9	11.6	2.77			36.1	8.61	C
08/05/10	0.035400	7.25	7.26	***1079***	319	***448***	132	27.1	8.00	17.3	5.11			76.4	22.6	S
08/13/10	0.019500	6.02	6.04	***586***	95.3	20.0	3.25	4.0	0.65	6.5	1.06			74.9	12.2	S
08/20/10	0.027700	6.72	6.73	***734***	170	74.0	17.1	56.7	13.10	15.5	3.58			92.4	21.3	S
08/26/10	0.009500	6.74	6.81	***395***	31.3	124	9.82	30.2	2.39	22.4	1.77			37.0	2.93	S
08/31/10	0.012550	6.09	7.12	***370***	38.7	***340***	35.6	60.4	6.32	25.6	2.68			36.5	3.82	C
09/03/10	0.010900	6.41	6.42	***417***	37.9	213	19.4	16.0	1.45	16	1.45			40.8	3.71	S
09/10/10	0.028200	6.56	6.57	134	31.5	283	66.6	83.0	19.52	6.8	1.60			5.3	1.25	S
09/17/10	0.020150	6.70	6.72	***351***	59.0	152	25.5	8.2	1.38	17.5	2.94			59.9	10.07	S
09/24/10	0.035000	6.37	6.39	202	59.0	80.0	23.4	6.6	1.93	13.9	4.06			34.0	9.92	S
PERMIT LIMITS START, PERMIT 10-SEP																
10/06/10	0.027300	6.85	6.88	64.0	14.6	119	27.1	5.7	1.30	6.4	1.46			8.0	1.82	S
10/22/10	0.032000	6.68	6.80	202	53.9	38.0	10.1	21.1	5.63	5.4	1.44			36.6	9.77	S
11/04/10	0.033600	6.75		142	39.8	68.0	19.1	39.3	11.01	18.6	5.21			44.8	12.55	S
11/19/10	0.033930	6.86		186	52.6	84.0	23.8	4.7	1.33	4.4	1.25			1.3	0.37	S
12/10/10	0.020530	6.24	6.58	**483**	82.7	28.0	4.8	2.1	0.36	19.2	3.29			29.8	5.10	S
12/17/10	0.026680	6.36	6.42	**680**	151.3	40.0	8.9	<1.5	0.33	18.7	4.16			53.7	11.95	S
12/23/10	0.017230	6.26	6.42	243	34.9											S
01/12/11	0.019480	6.24	6.26	121	19.7	88.0	14.3	35.0	5.69	2.4	0.39			2.1	0.34	S
01/19/11	0.018190	6.25	6.34	**364**	55.2	92.0	14.0	42.8	6.49	17.6	2.67			28.8	4.37	S
01/26/11	0.032200			**390**	104.7											S
01/31/11	0.015370			302	38.7											S
02/04/11	0.019250	6.46	6.54	104	16.7	36.0	5.8	14.2	2.28	4.4	0.39			3.5	0.56	S
02/18/11	0.019280	6.24	6.62	128	20.6	12.0	1.9	21.9	3.52	5.5	0.88			8.0	1.29	S
3/7-8/11	0.023480	6.47	6.52	**400**	78.3	42.0	8.2	3.4	0.67	22.0	4.31	20.80	4.07	28.1	5.50	C
3/15-16/11	0.034315	6.20	6.26	**379**	108.5	12.7	3.6	32.5	9.30	15.9	4.55			23.6	6.75	S
3/21-22/11	0.028110	6.34	6.38	174	40.8	56.0	13.1	63.6	14.9	3.80	0.89			10.2	2.39	S
4/07-08/11	0.032320	6.09	6.16	**840**	226.4	**408**	110.0	**304**	81.9	7.29	1.97	1.91	0.51	28.7	7.74	C
4/11-12/11	0.041610	6.22	6.47	248	86.1	72.0	25.0	92.4	32.07	12.20	4.23			28.7	9.96	S
4/14-15/11	0.037880	6.11	6.22	237	74.9	54.0	17.1	120.5	38.07	5.50	1.74			29.4	9.29	S

PRE PERMIT AVG CONC				467.1		164.7		118.6		15.7				56.4		
POST PERMIT AVG CONC				299.3		78.1		53.5		10.6				22.8		

Note: All 2011 data entered into OPS32


ICIS NPDES: Add Inspection - Windows Internet Explorer
https://icis.epa.gov/icis/inspection/AddSpecialPrograms.do
File Edit View Favorites Tools Help
Customize Links Free Hotmail Windows Windows Marketplace Windows Media
Google Go Bookmarks Popups okay Check Send to Settings
ICIS NPDES: Add Inspection
Page Tools
Integrated Compliance Information System
HOME
HELP
LOGOUT
Special Programs
Pretreatment
Significant Industrial Users (SIUs)
SIUs : 12
SIUs Without Control Mechanism : 0
SIUs Not Inspected : 0
SIUs Not Sampled : 0
SIUs in SNC with Pretreatment Standards : 0
SIUs in SNC with Reporting Requirements : 0
SIUs in SNC with Pretreatment Schedule : 0
SIUs in SNC Published in Newspaper : 0
SIUs on Schedules : 0
Violation Notices Issued to SIUs : 5
Administrative Orders Issued to SIUs : 0
Civil Suits Filed Against SIUs : 0
Criminal Suits Filed Against SIUs : 0
Categorical Industrial Users (CIUs)
CIUs : 5
CIUs in SNC : 0
Penalties
Dollar Amount of Penalties Collected : $
Industrial Users (IUs) from which Penalties have been collected :
Other Information
SUO Reference :
SUO Date :
Annual Pretreatment Budget : $
Pass-Through/Interference Indicator :
Violation of IU Schedule for Remedial Measures : No
Formal Response to Violation of IU Schedule for Remedial Measures :
Local Limits
Date of Most Recent Technical Evaluation for Local Limits :
Date of Most Recent Adoption of Technically Based Local Limits :
Local Limit Pollutants :
POLLUTANTS
Removal Credits
Removal Credits Application Status : Not Applicable
Date of Most Recent Removal Credits Approval :
Removal Credits :
POLLUTANTS
Acceptance of Waste
Acceptance of Hazardous Waste : No
Acceptance of Non-Hazardous Industrial Waste : No
Acceptance of Hauled Domestic Wastes : No
Deficiencies
Deficiencies Identified During IU File Review : No
Control Mechanism Deficiencies : No
Legal Authority Deficiencies : No
Deficiencies in Data Management and Public Participation : No
Deficiencies in Interpretation and Application of Pretreatment Standards : No
Inadequacy of Sampling and Inspections : No
Adequacy of Pretreatment Resources : Yes
Annual Frequency
Annual Frequency of Influent Toxicant Sampling :
Annual Frequency of Effluent Toxicant Sampling :
Annual Frequency of Sludge Toxicant Sampling :
<< PREVIOUS
SAVE & EXIT
SAVE & CONTINUE
SAVE & ADD ANOTHER
COPY & CREATE NEW
CANCEL
EPA U.S. Environmental Protection Agency
Trusted sites
100%

ICIS NPDES: Add Inspection - Windows Internet Explorer

https://icis.epa.gov/icis/inspection/AddInspection.do?actionMethod=initiate&epaOrState=S&CMType=INS&fromICIS

File Edit View Favorites Tools Help

Links Customize Links Free Hotmail Windows Windows Marketplace Windows Media

Google G Go Bookmarks Popups okay Check Send to Settings

ICIS NPDES: Add Inspection

Page Tools

Compliance Monitoring Information

Compliance Activity Type: Inspection/Evaluation

* Compliance Monitoring Type: AFO Defined / AFO Designation / Aerial Photography / **Audit** / Audit (IU)

* State: AR

Compliance Monitoring Activity Name: Pretreatment Program Audit

If Biomonitoring is selected as the Compliance Monitoring Type, please enter Biomonitoring Compliance Monitoring Method:

* Linked Facility

FACILITIES

Program System Acronym	Identifier	Facility Site Name	Address	FRS ID
NPDES	AR0043397 VALIDATE			

Compliance Monitoring Dates

Planned Start Date: 6/13/11

Planned End Date: 6/15/11

Actual Start Date: 6/13/11

Actual End Date: 6/15/11

Statutes and Sections Information

Federal Statutes : CWA - Clean Water Act

* Programs: NPDES - Post Administrative Penalty Case (Settlement) / **NPDES - Pretreatment** / NPDES - Sanitary Sewer Overflow (SSO) / NPDES - Section 308 Information Requests / NPDES - Sludge/Biosolids

State Statute:

* Compliance Monitoring Action Reason: Agency Priority / Citizen Complaint/Tip / **Core Program** / For Cause / Random Inspection

* Compliance Monitoring Agency Type: State Contractor / State - Using Federal Credential / **State** / Regional / Other Federal

Compliance Monitoring Agency Name:

If State, Local or Tribal lead, did EPA Assist?: No

Was this a State, Federal or Joint (State/Federal) Compliance Monitoring Activity? State

Allen Gillian

If Joint, what was the purpose of the participation of the other party?

Which party had the lead?

Government Contacts

CONTACTS

Affiliation Type	First Name	Last Name	Phone	Office	Organization

Codes

SIC Codes:

ADD / REMOVE

NAICS Codes:

ADD / REMOVE

Priorities

OECA National Priority: 2009 - (CA Only) - Air Toxics - Flares / 2009 - (CA Only) - Air Toxics - LDAR / 2009 - (CA Only) - Air Toxics - Surface Coating / 2009 - (CA Only) - Financial Assurance / 2009 - (CA Only) - MP - Mining

Regional Priority: 2009 - Region 06 - Air Toxics Major Sources (O & G) / 2009 - Region 06 - Brine Spills from Oil & Gas Operations / 2009 - Region 06 - CD Implementation / 2009 - Region 06 - Minor Wastewater Collection & Treatment System / 2009 - Region 06 - Petroleum Refining

Media Monitored

Media Monitored:

Compliance Monitoring Media Indicator

Multimedia Indicator:

Compliance Monitoring Information

Number of Days Physically Conducting Activity: 3

Number of Hours Physically Conducting Activity: 24

Compliance Monitoring Action Outcome:

Compliance Monitoring Rating Code:

Compliance Monitoring Comments

Compliance Monitoring Comments: 4 SIU site visits conducted

User Defined Fields

1:

Trusted sites 100%