

Wilson, Tabatha

From: Gilliam, Allen
Sent: Thursday, June 26, 2014 9:19 AM
To: West Memphis Denise Bosnick (dbosnick@westmemphisutilities.com)
Cc: Fuller, Kim; Wilson, Tabatha
Subject: AR0022039_West Memphis response to March 2014 Pretreatment Program audit with ADEQ reply_20140625
Attachments: ADEQ-Audit Letter-2014.doc.pdf

Denise,

West Memphis' response (attached) to ADEQ's March 2014 Audit findings and recommendations was electronically received, reviewed and deemed adequate. Please keep in mind your legal authority may take precedence over your Program narrative procedures regarding "conducting slug discharge potential evaluations twice/year". This minor modification to correlate your Program narrative and Pretreatment Ordinance should be taken care of as soon as possible.

It appears some of the forms sent with this response should have been included in your original Program mod submittal to begin with. This office will add (and date) West Memphis' example "IU Permit Template" and its "Industrial Waste Survey" form at the end of your current "approved" Pretreatment Program. These additions to your Program are considered non-substantial modifications per 40 CFR 403.18.

Please contact this office at your earliest convenience to discuss changes that concurrently need to be made to your Program's "Table of Appendices".

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

From: Denise Bosnick [<mailto:dbosnick@westmemphisutilities.com>]
Sent: Tuesday, June 10, 2014 3:33 PM
To: Gilliam, Allen
Subject: Response to Audit

Allen,

I've enclosed the response to the audit. I've also mailed a hard copy.

Denise



WEST MEMPHIS UTILITY COMMISSION

604 East Cooper P O Box 1868

West Memphis, AR 72301

Phone: 870-735-3355 Fax: 870-732-7623

June 12, 2014

Allen Gilliam
Pretreatment Coordinator
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

Re: Response to City of West Memphis (NPDES AR0022039; AFIN 1800879)
Pretreatment Program Audit/Municipal Pollution Prevention Assessment

Allen,

Enclosed is our response to Arkansas Department of Environmental Quality audit dated March 11th-13th, 2014.

B: Summary of Finding with Required Actions:

1) **Under 40 CFR 403.8(f) (2) (i)**, The City will identify and locate all possible Industrial Users (IU's) 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...

Since the audit, I have developed an Industrial Waste Survey (Copy is enclosed). These surveys have been printed and are ready to be mailed out. This will be done by the end of June, 2014. Once the surveys are received back to our office, there will be a compilation or index that will be developed and will be available for review. At this time, the Industrial Waste Survey is planned to be performed every five years.

2) **Under 40 CFR 403.8 (f) (1) (B)**, Individual...control mechanisms...must contain...(3) Effluent limits, including...based on applicable general Pretreatment Standards in part 403 of this chapter, categorical Pretreatment Standards, local limits, and State and local law:

During the file review it was discovered Stateside Steel and Wire had been mis-categorized as a Metal Finisher under 40 CFR 433 as its permit reflected 40 CFR 433.17 standards. Its permit application, fact sheet and inspection information provided supporting information that it is covered under the effluent guideline of Iron and Steel Manufacturing Point Source category in 40 CFR 420 Subpart D-Steelmaking Subcategory.

The City must revise Stateside Steel's permit to reflect its appropriate category's standard.

Stateside Steel and Wire has been in business in West Memphis since November 2006. With the assistance from the State, West Memphis Utility permit them under what we believed was the right category. It has just been brought to our attention even though there has been previous audits, that this is incorrect. Stateside Steel and Wire has resubmitted their permit application and it's been sent to the State as well for review and assistance with calculating their limits. This will be corrected as soon as possible.

3) **Under 40 CFR 403.12 (e)** Periodic reports on continued compliance. (1) Any Industrial User subject to a categorical Pretreatment Standard...shall submit to... (The City) during the months of June and December, unless required more frequently... a report indicating the nature and concentration of pollutants in the effluent which are limited by such categorical Pretreatment Standards. In addition, this report shall include a record of measured or estimated average and maximum daily flows for the reporting period for the Discharge reported in paragraph (b) (4) of this section except that the (City) may require more detailed reporting of flows. And under **40 CFR 403.12 (g)**, "Monitoring and analysis to demonstrate continued compliance...This sampling and analysis may be performed by the (City) in lieu of the Industrial User..."

It was indicated by the City's Pretreatment personnel all SIU Flows were based on water usage records, nothing submitted by their permitted facilities. The City must require accurate, verifiable regulated and non-regulated flow measurements from their permitted SIU's whether that be through flow measuring devices or some verifiable means (five gallon bucket and a stop-watch is acceptable).

This requirement must also be included as a reporting requirement in each of the City's SIU permits.

The city is in the process of renewing all of their Industrial Discharge Waste Permits for all permitted industries. This is addressed in a letter to each Industry along with any additional requirements or change that they have to make. I have revamped the Industrial Waste Discharge Permit somewhat (copy is enclosed) and this is addressed in the permit as well, Part II (6).

4) Under the City's 1/16/13 Approved Pretreatment Program, Appendix J-Enforcement Response Plan's (ERP) Guide responses for a Discharge Limit Violation consists of an "Informal notice (verbal and written)" or an "NOV (notice of violation) and/or Fine"

It was discovered during the file review and communications with the City's Pretreatment Coordinator (Director) none of these practices were being followed. No written records of communications (ROC) or NOV's could be located for the City's past Pretreatment year's permitted SIU's limit violations. The City must follow its own ERP.

Because Automated Conveyor Systems, Inc. (ASCI) discharges approximately once per year and meets the significant non-compliance criteria in 40 CFR 403.8 (f) (viii) almost yearly for either Zn, Cu or Oil and Grease the City must take escalated enforcement actions. It does not appear the City is following its own ERP.

There are four (4) Significant Industrial Users all which are Categorical as well. During the past Pretreatment year that was addressed in the audit, there were letters of violation in file except that of Automated Conveyor Systems, Inc. There are also some cases where there were no letters addressing violations. At one point in time during the year, I was doing several jobs at once because of an employee's absence and may have not addressed some of the violations.

This was addressed in a letter sent to Automated Conveyor Systems, Inc. with their application for permit. At this time Automated Conveyor Systems, Inc. is looking into various solutions to this issue.

5) Under 40 CFR 403.8 (f) (2) (vi) "Evaluate whether each such Significant Industrial Users needs to plan or other action to control Slug Discharges." And Under the City's 1/16/13 Approved Pretreatment Program, Pretreatment Ordinance #2187, Section 3.3 Accidental Discharge/Slug Discharge Control Plans" it states "At least once every two (2) years, the Director shall evaluate whether each SIU needs...a plan or other action to control Slug discharges."

At the present time I am speaking to the City Attorney about doing a modification to the Sewer Use Ordinance 2187.

C: Recommended POTW Actions for Improved Implementation Of The Pretreatment And Pollution Prevention Programs:

We are looking at the recommended actions and plan on implementing some of the recommendations.

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:

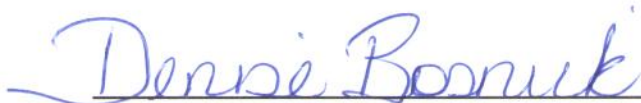
Under 40 CFR 403.5 (c) (1), "(West Memphis) shall continue to develop these limits as necessary and effectively enforce such limits." Or per 40 CFR 403.8 (f) (4), "(West Memphis) shall develop local limits as required in 403.5 (c) 1), or demonstrate that they are not necessary."

The City must provide an evaluation of the need for technically based local limits (TBLL's) or a demonstration they are not necessary. This evaluation or demonstration has historically been included in a City's Pretreatment Program although some have made it a stand-alone document. Regardless, West Memphis' evaluation or demonstration could not be produced and must be provided.


Since this audit, I have addressed this issue in a letter to Kevin Suel, Arkansas Department Environmental Quality, in May, 2014. A copy of the letter is included.

As always, it was a pleasure working with you and I appreciate all of your assistance in helping me implement our Pretreatment Program. I hope this answers all of your questions.

If I can be of further assistance, please don't hesitate to call me at (870) 702-5141 or John Rimmer at (870) 702-5103.



Denise Bosnick
Director Environmental Quality



John Rimmer
General Manager



WEST MEMPHIS UTILITY INDUSTRIAL PRETREATMENT PROGRAM INDUSTRIAL WASTE SURVEY

THE WEST MEMPHIS UTILITY COMMISSION IS REQUIRED BY THE ENVIRONMENTAL PROTECTIONS AGENCY (EPA) TO IDENTIFY AND EVALUATE THE IMPACT OF NON-DOMESTIC DISCHARGES TO THE SANITARY SEWER SYSTEM. THIS SURVEY IS INTENDED TO OBTAIN INFORMATION NEEDED BY WEST MEMPHIS UTILITY TO COMPLY WITH FEDERAL AND STATE PRETREATMENT REQUIREMENTS. THE INFORMATION PROVIDED WILL BE USED TO UPDATE OUR WASTEWATER PRETREATMENT FILES AND ASSIST US IN MONITORING WHAT TYPE OF WASTES ARE BEING DISCHARGED INTO THE SANITARY SEWER SYSTEM. WE ARE ASKING THAT YOUR BUSINESS FILL OUT THE INDUSTRIAL WASTE SURVEY COMPLETELY. ANSWER ALL QUESTIONS. IF YOU DO NOT KNOW THE ANSWER TO THE QUESTIONS, WRITE "UNKNOWN" IN THE BOX. IF AN ANSWER IS NOT APPLICABLE TO YOUR BUSINESS WRITE "NA". ENSURE IT IS SIGNED BY AN AUTHORIZED REPRESENTATIVE BEFORE YOU SUBMIT IT. COMPLETED FORM MUST BE SUBMITTED WITHIN FIFTEEN (15) DAYS TO WEST MEMPHIS UTILITY, P.O. BOX 1868, WEST MEMPHIS, ARKANSAS 72303. IF YOU HAVE ANY QUESTIONS PLEASE CALL UTILITY ENVIRONMENTAL QUALITY DEPARTMENT AT (870) 702-5141.

GENERAL INFORMATION
Business Name:
Business Location:
Business Mailing Address:
Names of Responsible Party:
Title of Responsible Party:
Telephone Number:
Email Address:

List all Standard Industrial Classification (SIC) codes or North American Industrial Classification System (NAICS) for your facility. These may be found on Federal tax forms or accounting records.					

TYPE OF BUSINESS (CHECK ALL THAT APPLY)		
<input type="checkbox"/> Manufacturing	<input type="checkbox"/> Distribution/Warehouse	<input type="checkbox"/> Retail Sales - Non-Food
<input type="checkbox"/> Service	<input type="checkbox"/> Office Only	<input type="checkbox"/> Retail Sales - Food
<input type="checkbox"/> Medical/Dental/Veterinarian	<input type="checkbox"/> Other <small>(Please Explain):</small>	

BUSINESS ACTIVITIES			
Date Business began at this site:			
Normal operating schedule days of week:	<input type="checkbox"/> Mon <input type="checkbox"/> Tue <input type="checkbox"/> Wed <input type="checkbox"/> Thur <input type="checkbox"/> Fri <input type="checkbox"/> Sat <input type="checkbox"/> Sun		
Normal operating schedule hours per day:	1st Shift	2nd Shift	3rd Shift
Number of employees per shift:	1st Shift	2nd Shift	3rd Shift
Water Consumption (Gallons/Month):		Estimate <input type="checkbox"/>	Actual <input type="checkbox"/>
Wastewater Volume Generated <small>(Gallons/Month):</small>		Estimate <input type="checkbox"/>	Actual <input type="checkbox"/>

BUSINESS ACTIVITIES (CONTINUED)

Describe in detail the type of business activity conducted at this site. Please include primary products or services (attach additional sheets as necessary):

CHECK ANY AND ALL ACTIVITIES OCCURRING AT YOUR LOCATION	
<input type="checkbox"/> Aircraft Repair/Maintenance	<input type="checkbox"/> Brewery
<input type="checkbox"/> Treating Waste from Other Businesses	<input type="checkbox"/> Industrial Laundry (other than neighborhood laundry)
<input type="checkbox"/> Copper or Aluminum Forming	<input type="checkbox"/> Dairy Products Manufacturing
<input type="checkbox"/> Dental Services	<input type="checkbox"/> Fertilizer Manufacturing
<input type="checkbox"/> Electrical Component Manufacturing	<input type="checkbox"/> Firearms - Bluing
<input type="checkbox"/> Grocery -Retail With Deli	<input type="checkbox"/> Grocery - Retail Without Deli
<input type="checkbox"/> Hospital	<input type="checkbox"/> Medical (other than hospital)
<input type="checkbox"/> Leather Tanning	<input type="checkbox"/> Meat, Vegetable or Food Processing (factory level, not restaurants)
<input type="checkbox"/> Trucked & Hauled Waste (including domestic septic tanks, sand traps, commercial or industrial waste)	<input type="checkbox"/> Metal Finishing (including electroplating, electro less plating, anodizing, coloring, coating, acid rinse or acid cleaning prior to painting, chemical etching, etc.)
<input type="checkbox"/> Non Ferrous Metals Forming	<input type="checkbox"/> Metal Molding and Casting
<input type="checkbox"/> Oil & Grease Refining/Extraction	<input type="checkbox"/> Paint/Ink Manufacturing
<input type="checkbox"/> Painting of Metal	<input type="checkbox"/> Photographic/X-Ray Developing
<input type="checkbox"/> Plastics Manufacturing	<input type="checkbox"/> Porcelain Enameling
<input type="checkbox"/> Printing/Publishing	<input type="checkbox"/> Restaurant
<input type="checkbox"/> Retail Sales Only	<input type="checkbox"/> Smelting/Metal Refining
<input type="checkbox"/> Soap or Detergent Manufacture	<input type="checkbox"/> Steam Power Generation
<input type="checkbox"/> Wood Preservation	<input type="checkbox"/> Transportation Equipment Cleaning
<input type="checkbox"/> Vehicle Repair Shop/Garage	<input type="checkbox"/> Warehouse
<input type="checkbox"/> Other:	<input type="checkbox"/> Other:

CATEGORICAL INDUSTRY

Is this facility a categorical industry as defined by 40 CFR 403 through 40 CFR 471? (If "Yes" check the appropriate category below)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Unknown <input type="checkbox"/>
<input type="checkbox"/> Aluminum Forming	<input type="checkbox"/> Nonferrous Metals Forming or Metal Powders		
<input type="checkbox"/> Battery Manufacturing	<input type="checkbox"/> Nonferrous Metals Manufacturing		
<input type="checkbox"/> Carbon Black Manufacturing	<input type="checkbox"/> Organic Chemicals, Plastics & Synthetic Fibers Man.		
<input type="checkbox"/> Centralized Waste Treatment	<input type="checkbox"/> Paint Formulating		
<input type="checkbox"/> Coil Coating	<input type="checkbox"/> Paving or Roofing Materials (Tar & Asphalt)		
<input type="checkbox"/> Copper Forming	<input type="checkbox"/> Pesticide Chemicals		
<input type="checkbox"/> Electrical or Electronic Component	<input type="checkbox"/> Petroleum Refining		
<input type="checkbox"/> Electroplating	<input type="checkbox"/> Pharmaceutical Manufacturing		
<input type="checkbox"/> Fertilizer Manufacturing	<input type="checkbox"/> Porcelain Enameling		
<input type="checkbox"/> Glass Manufacturing	<input type="checkbox"/> Pulp, Paper, or Fiberboard Manufacturing		
<input type="checkbox"/> Grain Mill	<input type="checkbox"/> Rubber Manufacturing		
<input type="checkbox"/> Ink Formation	<input type="checkbox"/> Soaps or Detergent Manufacturing		
<input type="checkbox"/> Inorganic Chemicals Manufacturing	<input type="checkbox"/> Steam Electric Power Generating		
<input type="checkbox"/> Iron & Steel Manufacturing	<input type="checkbox"/> Timber Products Processing		
<input type="checkbox"/> Leather Tanning & Finishing	<input type="checkbox"/> Transportation Equipment Cleaning		
<input type="checkbox"/> Metal Finishing	<input type="checkbox"/> Waste Combustors		
<input type="checkbox"/> Metal Molding or Casting			

CHEMICAL INFORMATION

Will/Do you use EPA Toxics Release Inventory (TRI) chemicals in reportable quantities?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Will you store chemicals at your facility in a volume greater than 5 gallons each? <small>(If yes, attach a description of the chemical, container size and type, storage location, frequency and method of container cleaning/disposal.)</small>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Has your company ever been issued a local, state, or federal environmental permit? (i.e. Air, Water, HazWaste, etc.) <small>If "Yes" list the permit(s) type and Permit(s) number:</small>	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Does your business activities use, generate, or dispose of any of the following chemicals?	Yes	No	Discharged/Disposed of to Sanitary Sewer?		Where disposed of if not to Sanitary Sewer?
Antifreeze/Glycol Compounds	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Petroleum Grease/Oils	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Vegetable Grease/Oils	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Acids/Corrosives	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Food Wastes	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Solvents (incl. cleaning solvents)	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Flammables/Explosives	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Pesticides/Herbicides	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Phenols	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Cyanides	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Metals/Metal Solutions	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	

Nitrogen Containing Compounds	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Organic Chemicals	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Hazardous Waste	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Radioactive Isotopes	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Trucked or Hauled Waste	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
High Temperature Waste	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Sulfide/Hydrogen Sulfide Generating Waste	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
High Total Dissolved Solids (TDS)	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>

WASTE DISCHARGE

Check all types of operations and wastewater generated at this site:

<input type="checkbox"/> Air Pollution Equipment	<input type="checkbox"/> Medical/Dental Services
<input type="checkbox"/> Anodizing	<input type="checkbox"/> Metal Coating (chromating, phosphating, coloring)
<input type="checkbox"/> Beverage Bottling	<input type="checkbox"/> Pesticide Application Service
<input type="checkbox"/> Boiler/Cooling Blow down	<input type="checkbox"/> Photographic/Film/X-ray Processing
<input type="checkbox"/> Chemical Etching or Milling	<input type="checkbox"/> Plastics Processing
<input type="checkbox"/> Cooling Water, Contact	<input type="checkbox"/> Powder Coating
<input type="checkbox"/> Cooling Water, Non-contact	<input type="checkbox"/> Printed Circuit Board Manufacturing
<input type="checkbox"/> Domestic Waste	<input type="checkbox"/> Printing & Publishing
<input type="checkbox"/> Electro less Plating	<input type="checkbox"/> Process Water
<input type="checkbox"/> Electroplating	<input type="checkbox"/> Slaughter/Meat Packing/Rendering
<input type="checkbox"/> Equipment Manufacturing	<input type="checkbox"/> Vehicle or Equipment Maintenance/Repair
<input type="checkbox"/> Fertilizer Application Service	<input type="checkbox"/> Vehicle or Equipment Wash-down
<input type="checkbox"/> Food Processing	<input type="checkbox"/> Waste Recycling
<input type="checkbox"/> Food Service Establishment	<input type="checkbox"/> Water Treatment
<input type="checkbox"/> Groundwater Treatment	<input type="checkbox"/> Wood Preserving
<input type="checkbox"/> Laundry	<input type="checkbox"/> Other:

Will you use fats, oil, grease (cooking or petroleum), or dairy products in your business?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Will liquid, gaseous, or sludge waste be generated but not discharged to the sanitary sewer?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
If "Yes", please provide your company practices:	Onsite Storage <input type="checkbox"/> Offsite Storage <input type="checkbox"/>	Onsite Disposal <input type="checkbox"/> Offsite Disposal <input type="checkbox"/>
Describe the method of storage/disposal of these wastes, including names of all waste haulers used.		

WASTE DISCHARGE (CONTINUED)

Will there be a garbage disposal unit (food grinder) at your business?	Yes <input type="checkbox"/>	Qty:	No <input type="checkbox"/>
Are there any floor drains in areas other than restrooms?	Yes <input type="checkbox"/>	Qty:	No <input type="checkbox"/>
Will you generate hazardous waste as defined by ADEQ and federal regulations (RCRA)?	Yes <input type="checkbox"/>	Generator Status:	No <input type="checkbox"/>
Will you discharge any RCRA listed or characteristic hazardous wastes to the sanitary sewer?	Yes <input type="checkbox"/>	Waste Description:	No <input type="checkbox"/>

WASTEWATER PRETREATMENT

Is your wastewater treated prior to discharge to the sanitary sewer?
(If so, mark all that apply.)

Yes

No

- | | | |
|--|--|---|
| <input type="checkbox"/> pH Adjustment | <input type="checkbox"/> Filtering | <input type="checkbox"/> Metals Treatment |
| <input type="checkbox"/> Sand/Sedimentation Tank | <input type="checkbox"/> Food Grinder/Garbage Disposal | <input type="checkbox"/> Biological Treatment |
| <input type="checkbox"/> Flow Equalization | <input type="checkbox"/> Other ^(Please Explain) : | |

Will there be an interceptor, separator, or other device installed to pretreat your wastewater prior to discharge? (If so, check all that apply below.):

Yes

No

- | | | |
|--|--|--|
| <input type="checkbox"/> Amalgam Separator | <input type="checkbox"/> Hair Trap | <input type="checkbox"/> Other (List): |
| <input type="checkbox"/> Amalgam Chair side Trap | <input type="checkbox"/> Lint Trap | <input type="checkbox"/> Other (List): |
| <input type="checkbox"/> Grease Interceptor, Inside | <input type="checkbox"/> Oil/Water Separator | <input type="checkbox"/> Other (List): |
| <input type="checkbox"/> Grease Interceptor, Outside | <input type="checkbox"/> Sand Interceptor | <input type="checkbox"/> Other (List): |

Does a waste hauler pick-up any chemicals or liquid wastes from your facility?

Yes

No

If yes, please list what is picked up and by whom:

FOOD ESTABLISHMENT/PROCESSING/RESTAURANT SECTOR SPECIFIC QUESTIONS

How is fryer grease handled?

	Number of Treatment Units on Site	What is done with the waste removed from units?
Grease Traps		
Grease/Water Separators/Interceptors		

For each grease trap/interceptor at your facility, complete the chart. If more than 3 are present, attach the additional information on another sheet. Provide a drawing for each under sink and in-ground grease trap/interceptor. The drawing must indicate dimensions in feet.

Location at Facility	Source of Wastewater ¹	Capacity (lbs or Gal)	Pounds of Grease Removed per Year	Maintenance Service Frequency ²

¹ *Source of Wastewater.* In the space provided in the chart, fill in the letter corresponding to the applicable source.

- | | | |
|-------------------------------|---|--------------------------|
| A. Food Processing | D. Rinses Containing Spent/Discarded Food Product | G. Laboratory Operations |
| B. Equipment/Vessel Wash Down | E. Spent Cleaning/Sanitizing Solutions | H. Dishwasher |
| C. Floor Wash Down | F. Fruits/Vegetable Grindings | I. ^{Other} |

² *Maintenance Service Frequency.* In the space provided in the chart, fill in the number corresponding to the applicable maintenance for each trap/interceptor.

1. Daily	3. Every Month	5. Every Six Months (Semi-Annually)	7. ^{Other}
2. Weekly	4. Every Three Months (Quarterly)	6. Every Twelve Months (Annually)	

Check below each type of waste that is hauled from your facility.

Waste Type	Estimated Gallons/Pounds Per Year	Hauler Utilized
<input type="checkbox"/> Spent Grease Wastes from Grease Trap/Interceptor (Brown Grease)		
<input type="checkbox"/> Spent Cooking Grease from Deep Frying Equipment (Yellow Grease)		
<input type="checkbox"/> Other:		

DENTAL SECTOR SPECIFIC QUESTIONS

Are old amalgams removed at your facility?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	How many a week:
Are new amalgams installed at your facility?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	How many a week:
Does your facility use a chair side amalgam trap?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	What type:
Does your facility use an amalgam separator? (i.e. Near Vacuum System)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	What type:
What does your facility do with waste amalgams?			
Does your facility have X-Ray unit(s) that produce photographic or X-Ray fixer waste? (Do not include digital X-Ray units.)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	How many:
Does your facility have a silver recovery unit installed to treat photographic or X-Ray fixer waste? (If digital, mark NA)	Yes <input type="checkbox"/>	No <input type="checkbox"/> NA <input type="checkbox"/>	Method of disposal:
Does your facility generate medical waste (red or yellow bag)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Method of disposal:

MEDICAL/VETERINARY SECTOR SPECIFIC QUESTIONS

Does your facility have X-Ray unit(s) that produce photographic or X-Ray fixer waste? (Do not include digital X-Ray units.)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	How many:
Does your facility have a silver recovery unit installed to treat photographic or X-Ray fixer waste? (If digital, mark NA)	Yes <input type="checkbox"/>	No <input type="checkbox"/> NA <input type="checkbox"/>	Method of disposal:
Please indicate the approximate number per week your office handles:	X-Rays Processed ^{Nondigital} :		Surgeries/Procedures:
Does your facility generate medical waste (red or yellow bag)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Method of disposal:

SIGNATURE SECTION

The Authorized Representative for the Business shall sign this survey and return it within fifteen (15) days to:

Denise Bosnick
Director Environmental Quality
West Memphis Utility
P.O. Box 1868
West Memphis, AR 72303

Or Email to: dbosnick@westmemphisutilities.com

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment for knowing violations."

Printed Name of Authorized Representative from Page 1

Title

Signature of Authorized Representative from Page 1

Date

The signing official must have authorization to provide such information on behalf of the company, corporation or partnership. In accordance with Arkansas law, information and data provided in the questionnaire may be available for public review under the Freedom of Information Act. Requests for confidential treatment of the information will be governed by procedures specified by the City's Pretreatment Program and the Freedom of Information Act.



WEST MEMPHIS UTILITY COMMISSION

P.O. Box 1868 604 East Cooper

(870) 735-3355

West Memphis, Arkansas 72301

INDUSTRIAL WASTES DISCHARGE PERMIT

Permit No.

In compliance with the provisions and conditions of the City of West Memphis Ordinance No. 2187

Name

Address

City, State, Zip Code

Is authorized to discharge industrial wastewater from the above identified facility and through the outfalls identified herein into the West Memphis Wastewater Collection System in accordance with conditions set forth in this permit. Compliance with this permit does not relieve the User of its obligation to comply with any or all applicable pretreatment regulations, standards or requirements under local, state, and federal laws, including any such regulations, standards, requirements, or laws that may become effective during the term of this permit.

Noncompliance with any term or condition of this permit shall constitute a violation of the City of West Memphis Sewer Use Ordinance No. 2187.

This permit shall become effective on: June 1, 2014

And shall expire at midnight on: May 31, 2017

This permit is not transferable to persons, companies, or processes other than those to which it is originally issued without prior notification to and approval from the Director of Environmental Quality in accordance with Section 5.4 of the Sewer Use Ordinance 2187.

Denise Bosnick
Director of Environmental Quality

Permit No. 26
PART I- EFFLUENT LIMITATIONS

During the period beginning on the effective date and lasting until the date of expiration, the permittee is authorized to discharge from Outfall number 001 which is a discharge pipe located inside the building. Latitude _____, Longitude _____. The permittee is a Categorical Industrial User that is discharging process wastewater from Outfall number 001 and is regulated under the City of West Memphis Sewer Use Ordinance 2187, and applicable provisions of Federal, State of Arkansas and local laws or regulations.

Effluent Limitations

Parameter	Daily Maximum	Monthly Average
-----------	---------------	-----------------

-
- 1) Local sewer use ordinance.
 - 2) Organic pollutants may be revised to limit the concentration, which may be discharged without paying a surcharge.

Permit No
PART II-MONITORING REQUIREMENTS

- 1) _____ shall provide a sampling access facility on its building sewer at a point before the building sewer discharge mixes with other discharges in the public sewer. The location, configuration and equipment contained in the sampling access facility shall be as approved by the West Memphis Utility Commission.

- 2) Sampling and analyses of wastewater discharged into the West Memphis Wastewater Collection System shall be performed by the West Memphis Utility. The sampling and analyses shall be performed in accord with 40 CFR 136, as amended, or other test procedure approved by the Director Environmental Quality.

- 3) _____ shall pay to West Memphis Utility the costs of required sampling and analyses.

- 4) Quala Services, LLC may upon request obtain a portion of the samples for their analyses. Authorized West Memphis Utility personnel perform the splitting of samples.

- 5) The sampling of the effluent shall be randomly performed at the frequency determined by Director of Environmental Quality. _____ sampling of the effluent shall be no less than twice monthly. _____ shall notify the Director of Environmental Quality at least twenty-four (24) hours prior to discharge. The analyses shall be performed on twenty-four (24) hour composite samples, except that of temperature, pH, cyanide, total phenols, volatile organics, sulfides and oil and grease shall be performed on grab samples.

- 6) _____ shall keep daily records of total and process wastewater flows discharged to the West Memphis Wastewater Collection System. Records of daily process wastewater discharged to the West Memphis Utility Collection System shall be reported monthly, unless otherwise required, in writing to the Director of Environmental Quality.

- 7) Effluent samples shall be taken on production and/or clean up days. The day of the week on which samples are taken may be varied and shall be determined by West Memphis Utility.

Permit No.
PART III-CONDITION OF PERMIT

- 1) _____ shall pay to West Memphis Utility the amount of six hundred (600.00) dollars (two hundred (200.00) dollars per year for three (3) years), which represents the cost incurred by West Memphis Utility in evaluating, issuance and maintenance of this permit.

- 2) The Director of Environmental Quality shall approve all plans and specifications for new or modifications to existing monitoring access facilities and pretreatment facilities.

- 3) The Director of Environmental Quality shall be notified immediately upon the occurrence of an accidental discharge of substances prohibited by Ordinance 2187 Section 2, or any slug loads or spills that may enter the collection system. The Director of Environmental Quality shall be notified immediately via telephone at (870) 702-5141 or the West Memphis Utility dispatcher after hours at (870) 735-3355 Ext. 132. The notification shall include location of discharge, date and time thereof, type of waste, including concentration and volume, and corrective actions taken. The user's notification of accidental releases in accordance with this section does not relieve it of other reporting requirements that arise under local, state or federal laws.

- 4) _____ is required to have an Accidental Discharge/Slug Discharge Control Plan. The plan shall address, at a minimum the following:

Description of discharge practices, including non-routine batch discharges;

Description of stored chemicals;

Procedures for immediately notifying West Memphis Utility of any accidental or slug discharge;

Procedures to prevent adverse impact from any accidental or slug discharge. Such procedures include but not limited to inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site runoff, worker training, building of containment structures or equipment, measures for containing toxic organic pollutant, including solvents, and/or measures and equipment for emergency response.

- 5) _____ shall notify the Director of Environmental Quality in writing at least thirty (30) days prior to any changes in production or treatment processes which would significantly affect the nature, quality, or volume of the wastewater discharged to West Memphis Utility Collection System. _____ shall not implement the planned changed condition until or unless the Director of Environmental Quality has responded to the permittee's notice. The Director of Environmental Quality must also be notified in writing when there is a change in pretreatment contact personnel at permittee's facilities.

- 6) _____ shall maintain documentation of the disposal of sludge or other material classified as "Hazardous Wastes" by a method and at a site approved by appropriate state and federal regulatory agencies.
- 7) _____ shall, in compliance with 40 CFR 403.12(p) (1), notify the Director of Environmental Quality for West Memphis Utility, Environmental Protection Agency (EPA) Region VI Waste Management Division and the Arkansas Department of Environmental Quality (ADEQ) Hazardous Waste Division in writing of any discharge into the Wastewater Treatment Plant of a substance, which, if otherwise disposed of, would be a hazardous waste under 40 CFR 261.
- 8) The Director of Environmental Quality and/or an authorized representative shall have the right to enter the premises of _____ to determine if the user is complying with all requirements of Ordinance 2187, their Industrial Wastewater Discharge Permit or any order issued hereunder. _____ shall allow access to all parts of the premises for the purpose of inspection, sampling, record examination and copying, and the performance of any additional duties. Upon presentation of suitable identification, the Director of Environmental Quality or his/her designated representative shall be permitted to enter without delay, for the purpose of performing the above duties.
- 9) _____ shall maintain documentation of any and all records pertaining to pretreatment for three (3) years.
- 10) This permit may be reopened by West Memphis Utility Commission any time during the effective duration for revisions to discharge limitations, monitoring, and/or reporting requirements or conditions.

Wastewater Discharge Permit Transfer

Wastewater Discharge Permits may be transferred to a new owner or operator only if the permittee gives at least sixty (60) days advance notice to the Director and the Director approves the Wastewater Discharge Permit transfer. The notice to the Director must include a written certification by the new owner or operator which:

States that the new owner and/or operator has not immediate intent to change the facility's operation and processes;

Identifies the specific dates on which the transfer is to occur; and

Acknowledges full responsibility for complying with the existing Wastewater Discharge Permit.

Failure to provide advance notice of a transfer renders the Wastewater Discharge Permit void as of the date of facility transfer

Permit No.
PART IV - PROHIBITIONS

1) **General Prohibitions**

No user shall introduce or cause to be introduced into the POTW any pollutant or wastewater which cause pass through or interference.

2) **Specific Prohibitions**

In addition to the General Prohibitions listed above, the following pollutants may not be introduced into the POTW:

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 degrees Fahrenheit or 60 degrees centigrade using test methods specified in 40 CFR 261.21;

b) Wastewater having a pH less than 5.5 or more than 10.0, or otherwise causing corrosive structural damage to the POTW or equipment;

c) Solid or viscous substances in amounts which will cause obstruction to the flow in the POTW resulting in interference;

d) Pollutants, 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 which will inhibit biological activity in the POTW resulting in interference, but in no case wastewater which causes the temperature at the point of introduction into the POTW exceeds forty (40) degrees centigrade or one hundred four (104) degrees Fahrenheit;

f) Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through with the POTW;

g) Pollutants which results in the presence of toxic gasses, 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 designated by the Director in accordance with Section 3.4 of Ordinance 2187

i) Storm water, surface water, ground water, artesian well water, roof runoff, subsurface drainage, swimming pool drainage, condensate, deionized water, noncontact cooling water, and polluted wastewater, unless specially authorized by the Director

j) Wastewater causing, alone or in conjunction with other sources, the Treatment Plant's Effluent to fail toxicity test

k) Fats, oils or greases of animal or vegetable origin in concentrations greater than 100 mg/L

l) Medical wastes, except as specifically authorized by the Director in a Wastewater Discharge Permit.

Permit No.
PART V-VIOLATIONS

The Director shall publish annually, in a newspaper of general circulation that provides meaningful public notice within the jurisdictions served by the Wastewater Treatment Plant, a list of the users which, at any time during the previous twelve (12) months, were in Significant Noncompliance with applicable pretreatment standards and requirements. The term Significant Noncompliance shall be applicable to all Significant Industrial Users (or any other Industrial User that violates paragraphs (C), (D) or (H) of this Section) and shall mean:

- A. Chronic violations of wastewater discharge limits, defined here as those in which sixty-six percent (66%) or more of all the measurements taken for the same pollutant parameter taken during a six (6) month period exceed (by any magnitude) a numeric pretreatment standard or requirement;
- B. Technical Review Criteria (TRC) violations, defined here as those in which thirty-three percent (33%) or more of wastewater measurements taken for each pollutant parameter during a six (6) month period equals or exceeds the product of the numeric pretreatment standard or requirement 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 requirement that the Director determines has caused, alone or in combination with other discharges, interference or pass through, including endangering the health of West Memphis Utility Commission personnel or the general public;
- D. Any discharge of a pollutant that has caused imminent endangerment to the public or to the environment, or has resulted in the Director's exercise of its emergency authority to halt or prevent such a discharge;
- E. Failure to meet, within ninety (90) days of the scheduled date, a compliance schedule milestone contained in an individual Wastewater Discharge Permit or enforcement order for starting construction, completing construction, or attaining final compliance;
- F. Failure to provide within forty-five (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 other violation(s), which the Director determines will adversely affect the operation or implementation of the local Pretreatment Program.

Administrative Fines

When the Director finds that a User has violated, or continues to violate, any provision of the Sewer Use Ordinance, an individual Wastewater Discharge Permit, or order issued hereunder, or any other Pretreatment Standard or Requirement, the Director may fine such User in an amount not to exceed \$1,000.00. Such fines shall be assessed on a per-violation, per-day basis. In the case of monthly or other long-term average discharge limits, fines shall be assessed for each day during the period of violation.

Users desiring to dispute such fines must file a written request for the Director to reconsider the fine along with full payment of the fine amount within ten (10) days of being notified of the fine. Where a request has merit, the Director may convene a hearing on the matter. In the event the User's request is granted, the payment shall be returned to the User. The Director may add the costs of preparing administrative enforcement actions, such as notices and orders, to the fine.

Issuance or pursuit of an administrative fine shall not be a bar against, or a prerequisite for, taking any other action against the User.

Emergency Suspensions

The Director may immediately suspend a User's discharge, after informal notice to the User, whenever such suspension is necessary to stop an actual or threatened discharge, which reasonably appears to present, or cause an imminent or substantial endangerment to the health or welfare of persons. The Director may also immediately suspend a User's discharge, after notice and opportunity to respond, that threatens to interfere with the operation of the POTW, or which presents, or may present, an endangerment to the environment.

Any User notified of a suspension of its discharge shall immediately stop or eliminate its contribution. In the event of a User's failure to immediately comply voluntarily with the suspension order, the Director may take such steps as deemed necessary, including immediate severance of the Sewer connection, to prevent or minimize damage to the POTW, its receiving stream, or endangerment to any individuals. The Director may allow the User to recommence its discharge when the User has demonstrated to the satisfaction of the Director that the period of endangerment has passed, unless the termination proceedings in the Sewer Use Ordinance are initiated against the User.

A User that is responsible, in whole or in part, for any discharge presenting imminent endangerment shall submit a detailed written statement, describing the causes of the harmful contribution and the measures taken to prevent any future occurrence, to the Director prior to the date of any show cause or termination hearing under Sections 10.3 or 10.8 of the Sewer Use Ordinance.

Nothing in this Section shall be interpreted as requiring a hearing prior to any Emergency Suspension under this Section.

Termination of Discharge

In addition to the provisions in Section 5.5 of the Sewer Use Ordinance, any User who violates the following conditions is subject to discharge termination:

Violation of individual Wastewater Discharge Permit conditions;

Failure to accurately report the wastewater constituents and characteristics of its discharge;

Failure to report significant changes in operations or wastewater volume, constituents, and characteristics prior to discharge;

Refusal of reasonable access to the User's premises for the purpose of inspection, monitoring, or sampling; or

Violation of the Pretreatment Standards in Section 2 of the Sewer Use Ordinance.

Such User will be notified of the proposed termination of its discharge and be offered an opportunity to show cause under Section 10.3 of the Sewer Use Ordinance why the proposed action should not be taken. Exercise of this option by the Director shall not be a bar to, or a prerequisite for, taking any other action against the User.

Permit Revocation

The Director of Environmental Quality may revoke an industrial waste discharge permit for good cause, including, but not limited to, the following reasons:

- 1) Failure to notify the Director of Environmental Quality of significant changes to the wastewater prior to the changed discharge;
- 2) Failure to provide prior notification to the Director of Environmental Quality of changed conditions pursuant to Ordinance 2187 Section 6(6.5)
- 3) Misrepresentation or failure to fully disclose all relevant facts in the industrial waste discharge permit application;
- 4) Falsifying self-monitoring reports and certification statements;
- 5) Tampering with monitoring equipment;
- 6) Refusing to allow the Director of Environmental Quality timely access to the facility premises and records;
- 7) Failure to meet effluent limitations;
- 8) Failure to pay fines;
- 9) Failure to pay sewer charges;

10) Failure to meet compliance schedules;

11) Failure to complete a wastewater survey or the wastewater discharge application;

12) Failure to provide advance notice of the transfer of business ownership of a permitted facility; or

13) Violation of any pretreatment standard or requirements, or any terms of the industrial waste discharge permit or the sewer use ordinance.

Permit No.

PART VI-STATEMENT OF APPLICABLE CIVIL AND CRIMINAL PENALTIES

Civil Penalties

A user who has violated, or continues to violate, any provisions of Ordinance 2187, an Individual Wastewater Discharge Permit, or order issued hereunder, or any other Pretreatment Standard or requirement shall be liable to West Memphis utility for a maximum civil penalty of \$1,000.00 per violation, per day. In the case of a monthly or other long-term average discharge limit, penalties shall accrue for each day during the period of the violation; and, each day of continuing violation may be deemed a separate violation.

The Director of Environmental Quality may recover reasonable attorney's fees, court cost, and other expenses associated with enforcement activities, including sampling and monitoring expenses, and the cost of any actual damages incurred by the City.

In determining the amount of civil liability, the Court shall take into account all relevant circumstances, including but not limited to, the extent of harm caused by the violation, the magnitude and duration of the violation, any economic benefit gained through the User's violation, corrective action by the User, the compliance history of the User, and any other factor as justice requires.

Filing a suit for civil penalties shall not be a bar against, or prerequisite for, taking any other action against the User.

Criminal Prosecution

A user who willfully or negligently violates any provision of Ordinance 2187, a Individual Wastewater Discharge Permit, or order issued hereunder, or any other Pretreatment Standard or Requirement, shall, upon conviction, be guilty of a misdemeanor, punishable by a fine of not more than \$1,000.00 per violation, per day, or imprisonment for such term as allowed by the law or both.

A User who willfully or negligently introduces any substance into the POTW which cause personal injury or property damage shall, upon conviction, be guilty of a misdemeanor and be subject to a penalty of at least \$100.00 but not more than \$500.00 for any one (1) specified offense or violation thereof, and not less than \$100.00 but no more than \$1000.00 for each repetition of such event or violation, or be subject to imprisonment for such term as allowed by law, or both. The penalty shall be in addition to any other cause of action for personal injury or property damage available under State law.

A User who knowingly makes any false statements, representations, or certifications in any application, record, report, plan, or other documentation filed, or required to be maintained, pursuant to Ordinance 2187, Individual Wastewater Discharge Permit, or order issued hereunder, or whom falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under Ordinance 2187 shall, upon conviction, be punished by a

fine of \$100.00 but no more than \$500.00 for any one (1) specified offense or violation thereof, and not less than \$100.00 but no more than \$1000.00 for each repetition of such event or violation, or be subject to imprisonment for such term as allowed. This penalty shall be in addition to any other cause of action for personal injury or property damage available under State law.



WEST MEMPHIS UTILITY COMMISSION
604 East Cooper P O Box 1868
West Memphis, AR 72301
Phone: 870-735-3355 Fax: 870-732-7623

May 13, 2014

Kevin Suel
Arkansas Department Environmental Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

Re: AR0022039-City of West Memphis

Mr. Suel,

As required by Part II (7)(b) of the above mentioned permit, we have performed a technical evaluation demonstrating that the existing technically based maximum allowable headworks loading (MAHL) are based on current state water quality standards. The last two years data used for the evaluation and compared to water quality standard number and CFR 503 Sludge Regulations.

We are certifying that the MAHL's currently in the Pretreatment Program are based on current water quality standards and are adequate to prevent pass through of pollutants, inhibition of or interference with the treatment facility and local limits are not necessary at his time.

If there are any questions, please contact Denise Bosnick at (870) 702-5141.

Sincerely,

John Rimmer
General Manager

Cc: Allen Gilliam