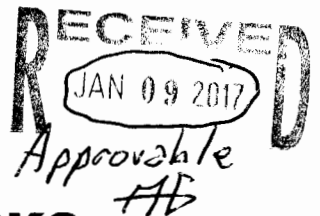


**INDUSTRIAL PRETREATMENT PROGRAM
&
SEWER USE ORDINANCE
FOR
HARRISON ARKANSAS**

NDPES PERMIT NUMBER AR0034321

**Administered by
CITY OF HARRISON
DEPARTMENT OF PUBLIC WORKS
August 1992**



**Revision One April 1997
Revision Two January 2010
Revision Three August 2012
Revision Four December 16, 2016**



Department of Public Works

January 4, 2017

Allen Gilliam
ADEQ
5301 Northshore Drive
North Little Rock, AR 72118

Pretreatment Department
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Re: City of Harrison's Revised Pretreatment Program

Dear Mr. Gilliam;

Please find enclosed, for your approval, the City of Harrison's revised Pretreatment Program. If you have any questions or require any additional information please feel free to contact me by phone at 870-741-5527 or by email at kathryn.catlin@cityofharrison.com.

Sincerely,

Kathryn Catlin
Wastewater Systems Manager

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SECTION 1

INTRODUCTION

This document summarizes the activities which have brought the development of the Harrison Industrial Pretreatment Program to its present state.

The Harrison Industrial Pretreatment Program was originally adopted by the City of Harrison in March, 1983. The City of Harrison has administered the program, by Permit Control Mechanism, since its adoption.

The purposes of the Harrison Industrial Pretreatment Program and of this modification are to continue to:

- A. provide a mechanism for preventing the introduction of pollutants into the POTW which would interfere with the operation of the POTW;
- B. prevent the introduction of pollutants into the POTW which might pass through the POTW inadequately treated, into the receiving waters or otherwise be incompatible with the POTW;
- C. ensure that the quality of the wastewater treatment plant sludge is maintained at a level which allows its use and disposal in compliance with applicable statutes and regulations;
- D. protect POTW personnel who may be affected by wastewater and sludge in the course of their employment and to protect the general public;
- E. improve the opportunity to recycle and reclaim wastewater or sludge from the POTW;
- F. provide for fees for the equitable distribution of the cost of operation, maintenance and improvement of the POTW;

- G. enable the City of Harrison to comply with its National Pollution Discharge Elimination System (NPDES) permit conditions, sludge use and disposal requirements and any other Federal or State laws to which the POTW is subject;
- H. incorporate into the program revisions to the General Pretreatment Regulations for Existing and New Sources of Pollution—40 CFR 403—through July 1, 2010. A copy of a compilation of 40 CFR 403 including these revisions is included in Appendix E; and
- I. assess the need for and develop Technically Based Local Limits. The required assessment and development of needed Technically Based Local Limits is included in Appendix I.

Industrial Users which discharge wastewater into the Harrison POTW may be required to obtain Industrial Wastewater Discharge Permits. The discharge of certain pollutants into the Harrison POTW by such Industrial Users may either be prohibited or regulated (limited) in accord with limits or prohibitions established by the City of Harrison, by Harrison City Ordinances, Arkansas state laws or regulations, or National Pretreatment Regulations or National Categorical Standards in order to continue to discharge wastewaters to the Harrison POTW.

The Harrison Industrial Pretreatment Program must be responsive to changes in wastewater treatment plant influent quality which could interfere with the treatment system, and be sufficiently flexible to accommodate the addition of Industrial Users to the Harrison POTW.

SECTION 2

HARRISON WASTEWATER TREATMENT PLANT

The City of Harrison discharges effluent from its wastewater treatment plant to Crooked Creek (a tributary of the White River) under authority of NPDES Permit No. AR0034321.

The City of Harrison wastewater treatment plant, in its present configuration, utilizes preliminary treatment in the form of a comminutor and a parallel bar screen, primary treatment in the form of two primary clarifiers, secondary treatment in the form of two aeration basins and two final clarifiers and post treatment in the form of ultraviolet lighting basins and a gravity post-aeration cascade. Primary and waste activated sludge is processed using a belt press and final disposition by land application.

A schematic of the City of Harrison wastewater treatment plant is included in Appendix A.

The 30-day average discharge limits for the Harrison Wastewater Treatment Plant set forth in the current NPDES permit are 15 mg/l for BOD₅, 22.5 mg/l for TSS, and 4.6 mg/l for NH₃-N (April – October), and 12.2 mg/l for NH₃-N (November - March).

The wastewater treatment plant has, for the past year, met the effluent limitations set forth in the current NPDES permit.

The design daily average flow is 2.6 MGD. The plant is designed to accommodate the following daily organic pollutant loading:

	Concentration mg/l	Mass Loading Lbs.
BOD ₅	420	9,107
TSS	330	7,156
NH ₃ -N	25	542

The 30-day average influent loading of the treatment plant for the one-year period from January 2014, through December, 2014, has been as follows:

Month	Avg. Flow MGD	Avg. BOD ₅ Lb/Day	Avg. TSS Lb/Day	Avg. NH ₃ -N Lb/Day
Jan, 2014	1.60	2102	61.0	19.4
Feb,	1.21	1186	59.0	15.4
Mar	2.12	1635	27.0	12.2
Apr	1.89	1576	31.2	16.8
May	1.61	1645	40.0	15.3
Jun	1.85	1666	34.4	11.8
Jul	1.30	1478	89.0	14.0
Aug	1.12	1518	141.0	19.6
Sep	1.23	1703	97.6	22.9
Oct	1.49	1864	58.0	20.5
Nov	1.02	1074	48.0	19.7
Dec	1.09	1509	64.8	18.4
Average	1.46	1580	704	203.5

The influent data of the past year indicate an organic pollutant loading of approximately 18% percent of the design capacity of 9170 lbs per day of BOD₅. The design average daily flow of 2.6 MGD has not been exceeded in the months of January, 2014, through December, 2014.

SECTION 3

INDUSTRIAL USER SURVEYS

3.1 SOURCES

The City of Harrison uses the following listed sources for identifying non-residential users of the Harrison POTW who may require regulation under the authority of the Harrison Industrial Pretreatment Program:

- A. Harrison water customer listing, particularly new service accounts.
- B. Harrison telephone directory.

3.2 UPDATED SURVEY

The City of Harrison has completed a survey of approximately 40 selected non-residential water customers to determine if there are additional Industrial Users discharging wastewater to the Harrison POTW who may require regulation under authority of the Harrison Industrial Pretreatment Program either as Categorical Industries, or as Significant Industrial Users as defined in Section 10.08.03 (49) of the finalized Harrison Municipal Code. The current non-residential survey will also serve to identify those sewer users who operate, or should operate, grease interceptors for compliance with the City of Harrison's Fat, Oil, and Grease Program.

The procedure for the current survey was initiated by the Pretreatment Coordinator first mailing the survey form (which is included in Appendix D) to the selected non-residential water customer with a letter requesting the recipient's response. The City of Harrison Industrial Pretreatment Coordinator followed up with telephone contact with those recipients who failed to respond within thirty (30) days to assure that the recipient has received the survey form and remains cooperative with apparent intent

to complete and return it per the City of Harrison request. The City of Harrison Industrial Pretreatment Coordinator followed with additional mailings to those recipients who failed to respond. Those non-residential wastewater system users who continue to be nonresponsive to industrial survey requests may then be served a Notification of Violation of the Harrison Municipal Code, followed by appropriate progressive enforcement remedies as provided for in Sections 10.08.14, 10.08.15, and 10.08.16 of the Harrison Municipal Code.

3.3 NON-RESIDENTIAL, NON-SIGNIFICANT USERS

Table 3.3 on the following pages is a listing of non-residential POTW users which have been identified by the past industrial surveys, although not identified as Significant Industrial Users. Surveillance of these users may be continued to identify changes in processes or wastewater characteristics which might cause them to be considered SIU's and to assure their compliance with requirements of Chapter 10.08 of the Harrison Municipal Code.

TABLE 3.3

NON-RESIDENTIAL, NON-SIGNIFICANT
HARRISON WASTWATER SYSTEM USERS
2013

INDUSTRY	SIC NUMBER	PRINCIPAL ACTIVITY
ABC Block	3271	Concrete Blocks
ADC MFG	3364	Chain Link Fence Fittings
ARKANSAS PRODUCTS	2426,2431	Hardwood Flooring
ARK-ROD	3949	Fishing Rods
ARNOLD PRINTING	2759	Commercial Printing
ARTCO, INC	3089	Plastic Injection Molding
CLARIDGE EXTRUSIONS	3354	Aluminum Extrusions
CLARIDGE PRODUCTS	2499	Chalkboards, marker boards
DURABLE RALPH, INC	3199	Dog collars
EASTMAN BOOTH, INC	3599	Machine Shop
FLEXSTEEL INDUSTRIES	2511	Upholstered Furniture
GARY SIGNS	3993	Magnetic signs
GUY'S SIGNS	3993,2394	Commercial and Residential signs
HAMMONS TOOL & DIE	3544	Tool & Die Shop
HARNESS MATTRESS	2515	Mattress & Box Springs
HARRISON DAILY TIMES	2711,2741	Newspaper Publishing
HARRISON GROCER	5141,5113,5087	Wholesaler
HARRISON MACHINE	3599	Machine Shop
HARRISON SIGNS	3993	Interior & Exterior signs

HART MONUMENT	3281	Burial Monuments
HOME ICE CO	2097	Ice
JOHNSON MANUFACTURING	3089	Plastic Parts
MAGNET CO, INC	3499	Key chain & Lifting Magnets
MILLER HARDWARE CO	5072,5031	Wholesaler
MODERN PARTS	3714	Motors, starters & alternators
NEWTON'S PROCESSING	2011	Meat Processing
OREILLY AUTO PARTS	5013	Distributor of auto parts
PACE INDUSTRIES	3363	Aluminum Die Casting
PARKER ENTERPRISES	3949	Sporting goods bags and horse equipment
QUALITY FEED GRAINS	3444	Animal feed
QUALITY QUICK PRINTING	2759	Commercial & instant printing
ROCK-TENN	2657	Folding Cartons
S.C. SEASONING	2099	Greek food seasoning
SHAMROCK AUTOMATION	3559	Foundry equipment for harsh conditions
SPECIALIZED CASE WORK	2434	Custom wooden cabinets
TANKENETICS	3089	Fiberglass
TOPSTITCH EMBROIDERY	2395,2396	Screen printing
TRG HARRISON	5093	Recycling
TROPHY SHOP	3479	Trophies
T-SHIRT TECHNIQUES	2396,2395,3499	Screen printing, embroidery, trophies
WABASH WOOD PRODUCTS	2426	Laminated hardwood trailer floors
WRIGHT STEEL & MACHINE	3599	General Machining

3.4 SIGNIFICANT INDUSTRIAL USERS

The following are four (4) non-residential dischargers to the POTW which currently are identified as Significant Industrial Users as defined by Section 10.08.03 (49) of the Harrison Municipal Code and which have been issued permits and are regulated by the Harrison Industrial Pretreatment Program:

Anchor Die Cast (SIC No.'s 3479, 3363 and 3469)

Anchor Die Cast is located at 300 North Industrial Park Road in Harrison, Arkansas.

Anchor Die Cast is subject to National Categorical Pretreatment Standards established under 40 CFR 403.5. The applicable National Categorical Standards are 40 CFR Parts 413 and 433, and 40 CFR 464.

Anchor Die Cast produces approximately 280 thousand pounds of die cast aluminum and approximately 270 thousand pounds of galvanized steel hardware for chain link and wood fencing each year.

Anchor Die Cast is authorized to discharge wastewater to the City of Harrison's municipal sewer system in accordance with their Industrial Waste Discharge Permit. For the year ending December, 2014, Anchor Die Cast had a maximum daily wastewater flow 4,754.54 gpd.

Claridge Extrusion Plant (SCI No.'s 3354 and 3471)

Claridge Extrusion is located on Industrial Park Road in Harrison, Arkansas.

Claridge Extrusion is subject to National Categorical Pretreatment Standards established under 40 CFR 403.5. The applicable National Categorical Standard is 40 CFR Part 467.

Claridge Extrusion extrudes, fabricates, paints and anodizes custom aluminum extrusions. Extrusion is the application of pressure to a billet of aluminum, forcing the aluminum to flow through a die orifice. Fabrication consists of cutting, notching, drilling, bending and forming the extrusion. Painting consists of the electrostatic application of thermosetting acrylic enamel paints to the extrusion. Anodizing is the cleaning, etching, and chemical and electrical treatment of the extrusion in a series of process baths and rinses to produce a decorative and protective finish on the extrusion. Claridge Extrusion is authorized to discharge wastewater to the City of Harrison's municipal sewer system in accordance with their Industrial Waste Discharge Permit. The permitted total average daily flow is

8,568 gpd. For the year ending December 2014, Claridge Extrusion had a maximum daily wastewater flow of 23,345 gpd and an average daily wastewater flow of 8,568 gpd.

Claridge Products and Equipment (SIC No.'s 2531 and 2542)

Claridge Products and Equipment is located at 601 Highway 62-65 South in Harrison, Arkansas.

Claridge Products and Equipment is subject to National Categorical Pretreatment Standards established under 40 CFR 403.5. The applicable National Categorical Standard is 40 CFR Part 466.

Claridge Products produces chalkboards, corkboards, display and lectern units using a process whereby steel is painted with porcelain paint and then glued to a core and framed with aluminum trim. In the process of producing some 16.296 million pounds of products per year, Claridge uses 3.717 million pounds of aluminized Type 1 steel coated with 156,000 pounds of porcelain enamel.

Claridge Products is authorized to discharge wastewater to the City of Harrison's municipal sewer system in accordance with their Industrial Waste Discharge Permit. The permitted total average daily flow is 24,989 gpd and daily maximum of 14,876 gpd. For the year ending April, 2013, Claridge Products had a maximum daily wastewater flow of 24,989 gpd and an average daily wastewater flow of 14,876 gpd.

Pace Industries, Inc. (SIC No. 3363)

Pace Industries is located at 513 North 62-65 Bypass in Harrison, Arkansas.

Pace Industries is subject to National Categorical Pretreatment Standards established under 40 CFR 403.5. The applicable National Categorical Standards are 40 CFR 464.15 (c), (h).

Pace Industries produces custom aluminum die castings for aluminum barbecue grill and aluminum outdoor lighting. No assembly or painting is performed. The process utilizes approximately 82 million pounds of aluminum per year.

Pace Industries is authorized to discharge wastewater to the City of Harrison's municipal sewer system in accordance with their Industrial Waste Discharge Permit. The permitted total average daily flow is 28,123 gpd. For the year ending December, 2014, Pace Industries had an average daily wastewater flow of 28,123 gpd.

3.5 MAINTENANCE OF INVENTORY OF NON-RESIDENTIAL USERS

Significant Industrial Users subsequently discovered by the City of Harrison will be appropriately regulated.

The City of Harrison will update its Industrial User Survey on an ongoing basis to identify and characterized new on-residential users and to document changes in processes and characteristics of wastewaters discharged by existing non-residential users of POTW. Prior to initiation of sewer service for new non-residential customers, the Director of Public Works will appropriately request such a potential customer to complete an Industrial User Survey. If the potential customer will be a Significant Industrial User, the potential customer shall complete an application for an Industrial Wastewater Discharge Permit.

A comprehensive Industrial User Survey, such as the one recently concluded by the City of Harrison to include those non-residential users not being monitored by industrial inspection, should be performed at least every five (5) years.

SECTION 4

LEGAL AUTHORITY

Sections 403.8 (f) (1) of the General Pretreatment Regulations, as amended through July 1, 2010, require POTW's to operate pursuant to legal authority enforceable in Federal, State or local courts, which authorizes or enables the POTW to apply and to enforce the requirements of Sections 307 (b) and (c), and 402 (b) (8) of the Clean Water Act and any regulations implementing those sections. Such authority may be contained in a statute, ordinance, or series of contracts or joint powers agreements which the POTW is authorized to enact, enter into or implement, and which are authorized by State law. At a minimum, this legal authority shall enable the POTW to carry out the requirements of 40 CFR 403.8 (f) (1) (i-vii).

The City of Harrison has developed the legal authority to extend over its Industrial Users, including those located outside the corporate limits of the City of Harrison who discharge wastewater into the POTW. As specifically referred to in the Harrison City Attorney's Letter of Opinion included in Appendix E, the City of Harrison has the authority to:

- A. deny or condition new or increased contributions of pollutants, or changes in the nature thereof, when such contributions will exceed pretreatment standards or would cause violation of the POTW's NPDES permit;
- B. require Industrial Users to comply with applicable Pretreatment Standards and Requirements;
- C. control the contribution to the POTW by each Industrial User by permit or other means to ensure compliance with applicable Pretreatment Standards and Requirements. Such permits must contain, at a minimum:
 - 1) statement of duration;
 - 2) statement of non-transferability;

- 3) effluent limits based on applicable general pretreatment standards, categorical pretreatment standards, local limits, and State and local law;
 - 4) self-monitoring, sampling, reporting, notification and recordkeeping requirements, including an identification of the pollutants to be monitored, sampling location, sampling frequency and sample type, based on general pretreatment standards, local limits, and State and local law; and
 - 5) statement of applicable civil and criminal penalties for violation of pretreatment standards and requirements, and any applicable compliance schedule. Such schedules may not extend the compliance date beyond applicable Federal deadlines.
- D. require Industrial Users to develop compliance schedules for installation of technology necessary to meet pretreatment standards and to submit notices and self-monitoring reports to the POTW to assess compliance measures;
- E. enter the premises of an Industrial User to perform all inspection, surveillance, and monitoring procedures necessary to evaluate compliance;
- F. seek injunctive relief for noncompliance by Industrial Users and to assess penalties, and prevent or halt discharges that appear to present an imminent danger to health or to the environment or which threatens to interfere with the operation of the POTW; and
- G. provide confidentiality where necessary to protect Industrial User's "confidential business information."

SECTION 5

PROGRAM PROCEDURES

The City of Harrison has developed the following program element procedures assist implementation of the Harrison Industrial Pretreatment Program:

- A. Maintenance of industrial survey and permitting process.
- B. Notification of requirements to Industrial Users.
- C. Industry self-monitoring and other reports.
- D. Monitoring and inspection activities.
- E. Investigation of noncompliance and enforcement response plan.
- F. Public participation.

5.1 MAINTENANCE OF INDUSTRIAL SURVEY AND PERMITTING PROCESS

The City of Harrison Pretreatment Coordinator (PC) will maintain a current inventory of non-residential POTW users who potentially may, by changes in the characteristics, quantities or sources (from an activity which makes the industry a categorical industry) of their wastewater stream, be classified as a Significant Industrial User (SIU) as defined by Section 10.08.03 of the Harrison Municipal Code.

The Harrison IU inventory shall be updated continuously using Industrial User Surveys separated by sector, to assist in identifying any IU that may meet criteria for re-classification as an SIU. In addition to computerized tracking, hard copy files of responses to Industrial Surveys should be maintained along with all available information pertinent to industrial users, such as periodic inspection reports by PC, water usage records, newspaper articles or other.

To demonstrate City of Harrison's legal authorities to apply and to enforce the requirements of Sections 307 (b) and (c) and 402 (b) (8) of the Act and regulations implementing those sections, as codified in 40 CFR 403.8 (f) (1) (i-vii), the following documents are included in Appendix E.

- Exhibit 1. Harrison City Attorney's Letter of Opinion outlining the legal authorities for enforcement of the Harrison Industrial Pretreatment Program.
- Exhibit 2. Harrison City Attorney's Letter of Opinion regarding legal authority to assess monetary penalties.
- Exhibit 3. Resolution by the Harrison City Council endorsing the implementation of the Harrison Industrial Pretreatment Program.
- Exhibit 4. Chapter 10.08 of the Harrison Municipal Code, Ordinance No. 1352, enacted with an effective date of 12-6-2011.

All SIU's are required to obtain an industrial wastewater discharge permit. The City of Harrison should, within 30 days of determining that an Industrial User (IU) is a SIU, notify the SIU of its status and of the requirement to obtain a permit and furnish the SIU the appropriate permit package. The permit package will include a letter of notification, permit application form, a copy of chapter 10.08 of the City of Harrison Municipal Code and any National Categorical Standards which may apply to the SIU's wastewater discharge. Examples of instruments utilized in the permit process are included in Appendix F.

The City of Harrison will evaluate the data furnished by the IU and may require additional information. Within ninety (90) days of receipt of all requested information to complete the Industrial Wastewater Discharge Permit application, the Director of Public Works will determine whether or not to issue a permit. The City of Harrison will, based on the IU's wastewater discharge characteristics and the most stringent applicable limitations posed by general pretreatment standards, categorical pretreatment standards, local limits, and State and local law, determine appropriate:

- 1) specific permit effluent limitations;
- 2) monitoring requirements;
- 3) reporting requirements; and
- 4) special conditions.

Provided that the City of Harrison can determine that the contribution of permitted pollutants will not cause the POTW to violate its NPDES permit, the City of Harrison will then issue the SIU an Industrial Wastewater Discharge Permit. If no determination is made within ninety (90) days, the application will be deemed denied.

Such permit or "Control Mechanism" shall contain, at a minimum and in compliance with 40 CFR 403.8 (f) (1) (iii), the following conditions:

- 1) Statement of duration (in no case more than five (5) years);
- 2) Statement of non-transferability;
- 3) Effluent limits based on applicable general pretreatment standards in Part 40 CFR 403, categorical pretreatment standards, local limits, and State and local law;
- 4) Self-monitoring, sampling, reporting, notification and recordkeeping requirements, including an identification of the pollutants to be monitored, sampling location, sampling frequency, sample type, based on the applicable general pretreatment standards in Part 40 CFR 403, categorical pretreatment standards, local limits and State and local law;
- 5) Statement of applicable civil and criminal penalties for violation of pretreatment standards and requirements, and any applicable compliance schedule. Such schedules may not extend compliance date beyond applicable federal guidelines. [Arkansas Code of 1987 Annotated, including 1995 supplement Volume 6A, 8-4-103 (g) et seq. provides for maximum Civil or Criminal penalties of one thousand dollars (\$1,000) for each violation by industrial users of pretreatment standards or requirements. Each day of a continuing violation may be deemed a separate violation.]; and
- 6) Appropriate BMP.

An example of the Industrial Wastewater Discharge Permit form is included in Appendix H.

The costs incident to the evaluation and issuance of an industrial wastewater discharge permit shall be borne by the permitted SIU as provide for by Section 10.08.09 of the Harrison Municipal Code.

Any person, including the permitted Industrial User, may, as provided for by Section 10.08.09 (3) of the Harrison Municipal Code, petition the City of Harrison to

reconsider the terms of an Industrial Wastewater Discharge Permit within thirty (30) days.

5.2 NOTIFICATION OF REQUIREMENTS TO INDUSTRIAL USERS

The City of Harrison Director of Public Works will notify all IU's subject to the requirements of the Harrison Industrial Pretreatment Program of any applicable Pretreatment Standards or applicable requirements under Sections 204 (b) and 405 of the Clean Water Act and Subtitles C and D of the Resource Conservation and Recovery Act. The City of Harrison will rely on information provided by contract consulting engineer and that provided at regularly schedule Region VI EPA and Arkansas Department of Environmental Quality seminars for the promulgation of new regulations affecting the administration of their approved Industrial Pretreatment Program.

The City of Harrison may, in compliance with 40 CFR 403.8 (f) (2) (v), require SIU's (permitted IU's) to develop and continue implementation of an approved slug (spill) control plan. The City of Pretreatment Coordinator should evaluate once, whether each permitted SIU needs a plan to control slugs (spills). If such control plan is required, it shall contain, at a minimum, the following elements:

- A. Description of discharged practices, including non-routine batch discharges.
- B. Description of stored chemicals.
- C. Procedures for immediately notifying the POTW of slug (spill) discharges, including any discharge that would violate a specific prohibition listed under 40 CFR 403.5 (b), with procedures for follow-up written notification within five (5) days.
- D. Procedures to prevent adverse impact from accidental spills, including inspection and maintenance of storage areas, handling and transfer of materials, loading and worker training, building and containment structures or equipment, measures for containing toxic organic pollutants

(including solvents), and measures and equipment necessary for emergency response.

5.3 INDUSTRY SELF-MONITORING AND OTHER REPORTS

The City of Harrison may require self-monitoring and other reports from IU's as required by 40 CFR 403.8 (f) (2) (iv) and 403.12. As required, IU's will submit reports directly to the POTW. All sampling and analyses necessary for meeting reporting requirements shall be performed in accordance with the techniques prescribed in 40 CFR 136 and amendments thereto. Test methods used shall be that which will meet the Minimum Quantification Level required for Priority Pollutant Scan Information published by the Arkansas Department of Environmental Quality.

Grab samples must be used for temperature, pH, cyanide, total phenols, oil and grease, sulfide, and volatile organics. For all other pollutants, composite samples must be obtained. All analyses shall be performed by a laboratory acceptable by the POTW.

Significant Industrial Users, including SIU's, not subject to categorical pretreatment standards, who are required to provide self-monitoring may be required to provide the following reports for which detailed requirements are set forth in 40 CFR 403.12:

- A. Baseline Report. This report is required to be submitted by SIU's within 180 days after POTW finding that the SIU is subject to a Categorical Pretreatment Standard. An application for Industrial Wastewater Discharge Permit (permit) containing required information, properly completed and certified, will meet the requirement of 40 CFR 403.12 (b) (1)-(7) for baseline report.
- B. Progress Reports for Meeting Milestones Necessary for Compliance. This report is only required if necessary for the SIU to provide additional technology (pretreatment facilities) in order to meet requirements of pretreatment standards (limitations) set forth in an Industrial Wastewater Discharge Permit. If required, this report shall be submitted within

fourteen (14) days following scheduled milestone events and final date of compliance.

- C. Report of Compliance with Categorical Pretreatment Standard. If compliance monitoring is performed by the POTW and no self-monitoring is required by the Industrial Wastewater Discharge Permit, permitted SIU's are not required to submit this report.
- D. Periodic Reports on Continued Compliance. This report, if self-monitoring is required by the permit, shall be submitted by the permitted SIU at the frequency set forth in the permit. If compliance monitoring is performed by the POTW, and no self-monitoring is required by the permit, SIU's are not required to submit this report.
- E. Notice of Potential Problems, including Slug Loading. All IU's are required to notify the POTW immediately of all discharges that could cause problems to the POTW, including slug loadings, as defined by Section 10.08.03 (50) of the Harrison Municipal Code.
- F. Notification of Changed Discharge. All IU's shall promptly notify the POTW in advance of any substantial change in the volume or character of pollutants in their discharge, including the listed or characteristic hazardous wastes for which the IU has submitted initial notification required by 40 CR 403.12 (p).

All IU reports and notifications shall contain the certification statement set forth in Section 10.08.08 (7) of the Harrison Municipal Code and be properly signed by an authorized representative of the IU, as defined in Section 10.08.03 (4) of the Harrison Municipal Code.

Industrial Users subject to the above reporting requirements shall maintain records of all information resulting from any monitoring activity, whether or not required by the POTW, the State, or by the U.S. Environmental Protection Agency for a minimum of three (3) years and shall make such records available for inspection and copying by the POTW. This period of retention shall be extended during the course of any unresolved litigation regarding the IU or when requested by the POTW.

TSS (above 300 mg/l). The frequency of monitoring and reporting shall be specified in the SIU's permit. However, the frequency of self-monitoring and reporting shall be no less than twice per year. If the SIU's Industrial Wastewater Discharge Permit requires self-monitoring, the City of Harrison shall perform compliance monitoring (sampling and analyses) of the SIU's effluent at least once a year. The City of Harrison compliance monitoring activities shall document all data required by 40 CFR 403.12 of industries who are required to perform self-monitoring, thereby eliminating the requirement for SIU's to submit semi-annual reports of continued compliance.

In addition to compliance monitoring, the City of Harrison will inspect each SIU at least once a year. The City of Harrison will document the results of industrial inspections by completing industrial Inspection Report, a copy of which is included in Appendix I.

All sampling and analyses and the collection of other information shall be performed with sufficient care to produce evidence admissible in enforcement proceedings or in judicial actions. Grab samples must be used for temperature, pH, cyanide, total phenols, oil and grease, sulfide, and volatile organics. For all other pollutants, composite samples must be obtained, EXCEPT that the City of Harrison may, in accord with Section 10.08.10 (12) of the Harrison Municipal Code, use grab sample(s) suggest noncompliance, the Director of Public Works and/or the Industrial User should re-sample the user's effluent using composite techniques until consistent compliance is demonstrated.

All analyses shall be performed in accordance with the techniques prescribed in 40 CFR 136 and amendments thereto. A Chain of Custody document, a copy of which is

At the request of an IU, information submitted for evaluation of application for an Industrial Wastewater Discharge Permit or information contained in monitoring reports which would divulge methods or processes entitled to protection as trade secrets will, as provided for in Section 10.08.12 of the Harrison Municipal Code and insofar as possible under the provisions of 40 CFR Part 2, be held confidential by the City of Harrison. In order for submittals to be considered for confidentiality, the submitter must assert their claim at the time of submittal by stamping the words "Confidential Business Information" on each page containing such information. Wastewater constituents and characteristics and other "effluent data" as defined by 40 CFR 2.302 will not be recognized as confidential information and will be available to the public without restriction.

5.4 MONITORING AND INSPECTION ACTIVITIES

The City of Harrison shall endeavor to locate and identify all Industrial Users (IU's) which might meet the criteria for classification as Significant Industrial Users (SIU's) as defined by Section 10.08.03 (49) of the Harrison Municipal Code and therefore be subject to regulation by Industrial Wastewater Discharge Permit. An ongoing random monitoring program of existing non-residential users discharging other than normal domestic wastes to the POTW will be continued by the City of Harrison to ascertain the quality of wastewaters discharged by non-permitted users.

Significant Industrial Users which are permitted under the provisions of this program shall be required to self-monitor their discharge of wastewater into the Harrison POTW to determine compliance with the SIU's wastewater discharge permit and to establish surcharges for SIU's discharging unusual BOD₅ (above 300 mg/l) and unusual

TSS (above 300 mg/l). The frequency of monitoring and reporting shall be specified in the SIU's permit. However, the frequency of self-monitoring and reporting shall be no less than twice per year. If the SIU's Industrial Wastewater Discharge Permit requires self-monitoring, the City of Harrison shall perform compliance monitoring (sampling and analyses) of the SIU's effluent at least once a year. The City of Harrison compliance monitoring activities shall document all data required by 40 CFR 403.12 of industries who are required to perform self-monitoring, thereby eliminating the requirement for SIU's to submit semi-annual reports of continued compliance.

In addition to compliance monitoring, the City of Harrison will inspect each SIU at least once a year. The City of Harrison will document the results of industrial inspections by completing industrial Inspection Report, a copy of which is included in Appendix G.

All sampling and analyses and the collection of other information shall be performed with sufficient care to produce evidence admissible in enforcement proceedings or in judicial actions. Grab samples must be used for temperature, pH, cyanide, total phenols, oil and grease, sulfide, and volatile organics. For all other pollutants, composite samples must be obtained, EXCEPT that the City of Harrison may, in accord with Section 10.08.10 (12) of the Harrison Municipal Code, use grab sample(s) suggest noncompliance, the Director of Public Works and/or the Industrial User should re-sample the user's effluent using composite techniques until consistent compliance is demonstrated.

All analyses shall be performed in accordance with the techniques prescribed in 40 CFR 136 and amendments thereto. A Chain of Custody document, a copy of which is

included in Appendix H, should be utilized to document the validity of results of compliance monitoring.

SECTION 6

ENFORCEMENT RESPONSE PLAN

All violations of the City of Harrison's Industrial Pretreatment Program should be met with an enforcement response. The purpose of this flexible plan is to provide guidance with the persons responsible for the administration and enforcement of this program can determine appropriate investigative and enforcement responses to remediate violations of elements of the Program. The City of Harrison has developed this response plan to assist the responsible individuals and entities—Pretreatment Coordinator (PC), Manager of POTW (M), Director of Public Works (DPW), City Council, City Attorney, and the City of Harrison Prosecuting Attorney—in selecting appropriate enforcement to meet the following range of violations:

- A. Administrative violations, unauthorized discharge (not permit or discharge limit violations) such as a non-permitted discharge for which the Industrial User (IU) was unaware of requirement or has failed to apply for an Industrial Wastewater Discharge Permit (Permit) when informed of the requirement to do so or failure to apply for a renewal of an existing permit.
- B. Discharge limit violation (exceedance of a pretreatment standard) from isolated to recurring.
- C. Reporting violations, from omitting proper signatory or certification, to late submittals, the total failure to submit required reports, to falsification of reports.
- D. Monitoring violations, from failure to monitor in accord with 40 CFR 136, to recurring failure to monitor correctly, to failure to install monitoring equipment required by the City of Harrison, to tampering with monitoring equipment or falsifying monitoring information.
- E. Violation of compliance schedules, from failure to meet a compliance milestone or late report for good cause, to failure to meet a compliance milestone which will affect final compliance date, to failure to report to refusal to comply or reporting false information.

- F. Other permit violations, or violations discovered during inspections and/or investigations, from dilution of wastestream, to failure to mitigate a noncompliance or observe a suspension, to denial of entry, to inadequate record keeping or failure to report additional monitoring.

6.1 INVESTIGATION OF VIOLATIONS

All elements responses, actions and reporting requirements of the Harrison Industrial Pretreatment Program (Program) shall be performed within a prescribed period of time. Therefore, all notifications of requirements for or requests for responses, actions or reports, in order to be complete and enforceable, must clearly indicate an acceptable period for receipt of response. In addition, all notifications for requirements for or requests for responses, actions or reports shall be delivered by a conveyance which will result in documentation of "Proof of Delivery," Certified U.S. Mail, or other conveyance which will furnish hard copy "Proof of Deliver." All findings of investigations of indicated or alleged violations, performed primarily by the PC, shall be sufficiently documented so that it would meet the test for "Admissible Evidence" in a court of competent jurisdiction.

Investigations by PC should be completed and appropriate enforcement response should be initiated within the period of time listed for various violations listed below.

The PC should keep the Manager and the Director of Public works informed of chronically-recurring violations and recommend appropriate enforcement from those responses listed in the Enforcement Response Guide which are commensurate with damages which may or may not have been caused to the POTW or the environment by any type of the following listed violations:

- A. Administrative Violations. Investigation of "administrative violations" (not Permit or discharge limit violations), should first ascertain that the IU was properly notified of the program requirement that they appear to be

violating. Such requirement could be from failure by an IU to respond to a request for response to an industrial survey, to a prohibited discharge, as identified by Section 10.08.06 (1) of the Harrison Municipal Code by a non-permitted IU who may or may not be aware of the prohibition, to failure to apply for a Permit or a Permit renewal or other.

The PC should conclude investigation of apparent Administrative Violation and initiate appropriate enforcement response within thirty (30) days of discovery of the violation.

The PC should log notifications of program requirements and track responses utilizing software package referenced in Section 5.1 of this Industrial Pretreatment Program document. In addition to computerized tracking, hard copy files of responses and "Proof of Deliveries" should also be maintained.

The PC should also maintain documentation of follow-up phone or in-person contacts with IU's which have been notified of particular program requirements which they are required to meet.

- B. Discharge Limit Violations. Reports of compliance self-monitoring submitted by SIU's in compliance with requirements of their Industrial Wastewater Discharge Permits shall be analyzed, with appropriate enforcement response initiated by the PC for those found to be in non-compliance, within ten (10) days of receipt of the compliance report.

Computerized tracking of IU's compliance should be utilized by the PC to document whether the indicated violation is chronically recurring or an isolated event.

The PC's investigation should document any damage to the POTW or environment which may likely have been the result of the violation.

The indicated violation should be tracked until receipt of the results of repeat sampling and analyses.

If the investigation of discharge limit violation should provide documentation of reasonable proof that the violation caused damage to the POTW or environment, the investigation should then, through the Director of Public Works and City Council, be referred to the City Attorney for Civil action to recover damages under the provisions of Arkansas Code of 1987 Annotated, including 1995 Supplement Volume 6A, 8-4-103 (g) et. seq.

- C. Reporting Violations. The PC should log due dates and required content of all IU reports and tack responses utilizing software package referenced in

confirmation whether or not the SIU has notified the Director of Public Works of the indication of violation and has initiated repeat sampling and analyses in compliance with the requirements of their Permit.

The PC should document failures of SIU's to provide notification of indicated violations and repeat sampling and analyses by issuing a written Notice of Violation to the SIU citing them for Permit Violation, specifically that of not providing the notification or repeat sampling and analyses required by Part II—Monitoring Requirement, in compliance with 40 CFR 403.12 (g) (2). The written Notice of Violation should be issued no more than ten (10) days after the PC is aware of the indicated violation.

Investigation by the PC of improper monitoring or analyses by SIU's should document any recurrence or chronic disregard for proper sampling and analyses methods.

In addition, investigation by the PC of reporting violation should document any damage to the POTW or environment which may have been the result of such violation.

If investigation of a monitoring violation should provide documentation of reasonable proof that the violation caused damage to the POTW or environment or reasonable proof of "falsification" or "intent" the investigation should then through the Director of Public Works and City Council, be referred to the City Attorney and/or City of Harrison Prosecutor for either Civil action to recover damages or for criminal investigation and prosecution under the provisions of Arkansas Code of 1987 Annotated, including 1995 supplement Volume 6A, 8-4-103 (g) et seq.

- E. Compliance Schedules Violations. The PC should log due dates and required content of all scheduled milestone compliance reports and final compliance and track responses utilizing software package referenced in Section 5.1 of this document. In addition to computerized tracking, hard copy files of responses and "Proof of Deliveries" of all notifications should also be maintained.

The PC should conclude investigation of apparent Compliance Schedules Violations and initiate or recommend to the Director of Public Works appropriate enforcement response within thirty (30) days of discovery of the violation.

The PC should also maintain documentation of follow-up phone or in-person contacts with IU's regarding scheduled milestone and final compliance performance and reporting requirements.

Section 5.1 of this document. In addition, to computerized tracking, hard copy files of responses and "Proof of Deliveries" of all notification should also be maintained.

The PC should conclude investigation of apparent Reporting Violations and initiate appropriate enforcement response within thirty (30) days of discovery of the violation.

The PC should also maintain documentation of follow-up phone or in-person contacts with IU's which have been notified of particular reporting requirements which they are required to comply with.

Investigation by the PC of reporting violations should document any recurrence and chronic disregard for punctuality in submitting required reports or total disregard of requirement for submittal of reports.

In addition, investigation by the PC of reporting violations should document any damage to the POTW or environment which may have been the result of such violation.

If investigation of a reporting violation should provide documentation of reasonable proof that the violation caused damage to the POTW or environment or reasonable proof of "falsification" or "intent," the investigation should then, through the Director of Public Works and City Council, be referred to the City Attorney and/or City of Harrison Prosecutor for either civil action to recover damages or for criminal investigation and prosecution under the provisions of Arkansas Code of 1987 Annotated, including 1995 supplement Volume 6A, 8-4-103 (g) et seq.

- D. Monitoring Violations. The PC should, utilizing software package reference in Section 5.1 of this document, log and track compliance monitoring of all SIU Permit monitoring requirements and parameters and the required sampling and analyses methods prescribed by 40 CFR 136. In addition to computerized tracking, hard copy files of all compliance monitoring reports should be maintained.

Part II—Monitoring Requirements of SIU's Permit requires, where the IU is providing compliance self-monitoring, that the IU notify the PW within 24 hours of becoming aware of a permit violation. The IU shall also repeat the sampling and analyses and submit the results of the repeat analyses to the DPW within thirty (30) days after becoming aware of the violation. Therefore, if analyses indicate a violation, the SIU should have already notified the Director of Public Works of such indication of violation and should have initiated repeat sampling and analyses in compliance with Monitoring Requirements of their Permit. The PC shall document

Investigation by the PC of milestone and final compliance performance and reporting violations should document any recurrence and chronic disregard for punctuality in complying with schedule milestone and final compliance.

In addition, investigation by the PC of reporting violations should document any damage to the POTW or environment which may have been the result of such violation.

If investigation of a compliance schedule violation should provide documentation of reasonable proof that the violation caused damage to the POTW or the environment or reasonable proof of "falsification" or "intent" the investigation should then, through the Director of Public Works and City Council, be referred to the City Attorney and/or City of Harrison Prosecutor for civil action to recover damages or for criminal investigation and prosecution under the provision of Arkansas Code of 1987 Annotated, including 1995 supplement Volume 6A, 8-14-103 (g) et seq.

- F. Other Permit Violations including Violations Discovered During Inspections and/or Investigations. Investigations of Other Permit Violations, including violations discovered during inspections and/or investigations should first ascertain if the IU has been notified of the requirement, or if there is reasonable proof whether or not the IU had or should have had knowledge of the requirement(s).

Computerized tracking of the IU's previous violations should be utilized by the PC to document whether or not the violation is chronically recurring or is an isolated event.

The PC should conclude investigation of such apparent violations and initiate or recommend to the Director of Public Works appropriate enforcement response within thirty (30) days of discovery of the violation.

The PC's investigation should document any damage to the POTW or environment which may likely have been the result of the violation.

If investigation of violation should provide documentation of reasonable proof that the violation caused damage to the POTW or environment or reasonable proof of "falsification" or "intent" the investigation should then, through the Director of Public Work and City Council, be referred to the City Attorney and/or City of Harrison Prosecutor for either Civil action to recover damages or for criminal investigation and prosecution under the provisions of Arkansas Code of 1987 Annotated, including 1995 supplement Volume 6A, 8-4-103 (g) et seq.

6.2 ENFORCEMENT RESPONSE GUIDE

All Industrial User noncompliance will be met with some response by the City of Harrison. However, the type and severity of the selected final response remains to be determined, on a case-by-case basis, by the City of Harrison. All formal responses to noncompliance (administrative orders, civil actions, or criminal prosecution) must be expressly authorized by State or local law. Monetary punitive penalties sought from an Industrial User by the City of Harrison for noncompliance either by civil action or criminal prosecution should be in accordance with the current City of Harrison Industrial Pretreatment Enforcement Response Guide.

Pages 31 through 40 set forth the current City of Harrison Industrial Pretreatment Enforcement Response Guide.

City of Harrison
INDUSTRIAL PRETREATMENT ENFORCEMENT RESPONSE GUIDE¹

Abbreviations and Acronyms Used in Enforcement Response Guide

AO	Administrative Order
Civil Action	Civil Litigation seeking equitable relief, monetary penalties or monetary damages through a court of law.
BMP	Best Management Practice
HMC	Harrison Municipal Code
Compliance Meeting	Informal meeting with IU to discuss resolution of recurring noncompliance.
Consent Order	An administrative order which constitutes a negotiated two-party agreement which may include compliance schedules, stipulated fines or remedial actions.
Criminal Prosecution	Prosecution of a criminal charge through a court of law.
IU	Industrial User
DPW	Director of Public Works
NOV	Notice of Violation, written
PC	Pretreatment Coordinator
M	Wastewater System Manager
SNC	Significant Noncompliance

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SV

Significant Violation

Show Cause

Formal meeting requiring the IU to appear and demonstrate why the Control Authority (City of Harrison) should not take a proposed enforcement action against it. The meeting may also serve as a forum to discuss corrective actions and compliance schedules.

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The Following are Legal Authorities for
Responses Shown by the Enforcement Response Guide

<u>Enforcement Response</u>	<u>Legal Authority</u>
Notice of Violation	Section 10.08.14 (1) of Harrison Pretreatment Ordinance (HMC)
Consent Orders	Section 10.08.14 (2) of HMC
Compliance Orders	Section 10.08.14 (4) of HMC
Cease and Desist Order	Section 10.08.14 (5) of HMC
Show Cause	Section 10.08.14 (3) of HMC
Emergency Suspension	Section 10.08.14 (6) of HMC
Termination of Discharge	Section 10.08.14 (7) of HMC
Injunctive Relief	Section 10.08.1 (1) of HMC
Civil Action	Section 10.08.15 (2) of HMC & Acts of Arkansas No. 884 of 1991 Legislature
Criminal Prosecution	Section 10.08.15 (3) of HMC & Acts of Arkansas No. 884 of 1991 Legislature
Water Supply Severance	Section 10.08.16 (3) of HMC

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<u>NONCOMPLIANCE</u>	<u>NATURE OF THE VIOLATION</u>	<u>RANGE OF ENFORCEMENT RESPONSES</u>	<u>PERSONNEL</u>
UNAUTHORIZED DISCHARGES (Not a Permit Violation)			
1. Unpermitted Discharge	IU unaware of requirement; no known harm to POTW or environment	Phone call; Informal letter NOV; AO requiring permit application and wastewater analyses	PC, M, DPW
	Results in damage to the POTW or significant environmental effect	NOV; AO requiring permit application and wastewater analyses; show cause; civil action to recover monetary loss; order to suspend source; termination of service	PC, M, DPW, City Council
2. Non-Permitted Discharge (failure to apply for renewal)	Failure to apply for permit or renewal; no known harm to POTW or environment	Phone call; Informal letter NOV; AO requiring permit application	PC, M, DPW
3. BMP	Failure to comply with the regulations Set forth in the Sewer Use/Pretreatment Ordinance # 1352 Section 10.08.09(7).	Phone call; Informal letter NOV; AO requiring permit application and wastewater analysis	PC, M, DPW

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DISCHARGE LIMIT VIOLATION

1. Exceedance of Pretreatment Standard (discharge limits)	Isolated, not significant	Phone call; Informal letter NOV (isolated and 2nd offense)	PC, M, DPW
	Isolated, significant with no known damage resulting	NOV; Compliance meeting; AO to develop spill prevention plan	PC, M, DPW
	Isolated, resulting in damage to POTW or environment	Show cause, civil action to recover monetary loss	PC, M, DPW, City Council
	Recurring, with no known damage resulting	NOV; Compliance meeting; AO to develop compliance plan; consent order with penalties	PC, M, DPW, City Council
	Recurring; resulting in damage to POTW or environment	Order to suspend discharge; AO to show cause; civil action to recover monetary loss; consent order; termination of service	PC, M, DPW, City Council

MONITORING AND REPORTING VIOLATIONS

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1. Reporting Violations	Report is improperly signed or certified	Phone call; Informal letter NOV	PC, M, DPW
	Report is improperly signed or certified after notice	AO requiring proper signature or certification within 20 days	PC, M, DPW
	Late, 5-10 days; isolated	Phone call; Informal letter NOV	PC, M, DPW
	Late, 10-30 days	Phone call; Informal letter NOV	PC, M, DPW
	Late, 30 days or more	AO requiring to submit; compliance meeting	PC, M, DPW
	Frequent, repeatedly or continuously late reports (No required reports ever submitted)	Show cause; civil action or criminal prosecution seeking penalties	PC, M, DPW, City Council
	Failure to report isolated slug (spill) or changed discharge (permit violation) with no known damage	Phone call; Informal letter NOV	PC, M, DPW
	Failure to report isolated, frequent or continued slug (spill) or changed discharge which results in damage to POTW or environment	Show cause; consent order with penalties: civil action to recover losses or criminal prosecution seeking penalties; terminate service	PC, M, DPW, City Council
Falsification	Criminal investigation; show cause; criminal prosecution; terminate service	PC, M, DPW, City Council	
2. Failure to monitor correctly	Failure to monitor all permit	Phone call; NOV	PC, M, DPW,

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parameters, or monitoring not in accord with 40 CFR 136

Recurring failure to monitor correctly

Compliance meeting; show cause; consent order with penalties; civil action seeking penalties

PC, M, DPW,
City Council

3. Criminal Acts

Improper monitoring or tampering with monitoring equipment to render monitoring results inaccurate or falsify monitoring information

Criminal investigation; show cause; criminal prosecution; terminate service

PC, M, DPW,
City Council

4. Failure to install monitoring equipment required by City of Harrison

5-10 days late

Phone call; NOV

PC, M, DPW

30 days late, without documentation of good cause acceptable to City of Harrison

Compliance meeting; show cause; consent order with penalties; civil action or criminal prosecution seeking penalties; termination of service

PC, M, DPW,
City Council

COMPLIANCE SCHEDULES

1. Missed Milestone

Missed milestone for good cause acceptable to City of Harrison which will not affect subsequent milestone dates or final compliance date

Phone call; Informal letter NOV

PC, M

Missed milestone for no good cause acceptable to City of Harrison which

Compliance meeting; show cause; consent order with penalties; civil action or criminal

PC, M, DPW,
City Council

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	will affect subsequent milestone dates or final compliance date	prosecution seeking penalties	
	Missed final compliance date for good cause acceptable to City of Harrison	Phone call; Informal letter NOV	PC, M, DPW
	Missed final compliance date or refusal to comply for no good cause acceptable to City of Harrison	Show cause; civil action or criminal prosecution seeking penalties; termination of service	PC, M, DPW, City Council
2. Failure to meet reporting requirements	Completed milestone on schedule but failed to report in accord with compliance schedule	Phone call; Informal letter NOV	PC, M, DPW
	Reporting false information	Criminal investigation; show cause; criminal prosecution; terminate service	PC, M, DPW, City Council
OTHER PERMIT VIOLATIONS			
1. Wastestreams are diluted in lieu of pretreatment	Initial or isolated violation	NOV; compliance meeting; consent order with penalties	PC, M, DPW, City Council
	Repeated or chronic violation continuing in disregard of enforcement for initial or isolated violation	Show cause; consent order with penalties; terminate service	PC, M, DPW, City Council

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2. Failure to mitigate noncompliance or observe suspension	No known harm to POTW or environment	NOV; compliance meeting; show cause; consent order with penalties	PC, M, DPW, City Council
	Isolated or recurring resulting in damage to POTW or environment	Show cause; consent order with penalties; civil action to recover losses criminal prosecution seeking penalties; terminate service	PC, M, DPW, City Council
VIOLATIONS DETECTED DURING INDUSTRIAL INSPECTIONS AND INVESTIGATIONS			
1. Entry of access denial	Entry or access denied or copies of records denied	Obtain search warrant and proceed with inspection or investigation	PC, M, DPW
2. Inadequate recordkeeping	Incomplete or missing files (no evidence of intent)	NOV	PC, M, DPW
	Recurring, chronic	Compliance meeting; show cause; consent order with penalties	PC, M, DPW
3. Failure to report additional monitoring	Inspection or investigation yields additional analyses required to be reported	NOV	PC, M, DPW
	Recurring, chronic	Compliance meeting; show cause; consent order with penalties	PC, M, DPW

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Time Frames for Responses

- A. Violations will be identified, documented, and initial enforcement response initiated within 20 working days of documentation.
- B. Violations which endanger or appear to cause endangerment to the health or welfare of persons; or which interferes or threatens to interfere with the operation of the POTW; or which presents or may present an endangerment to the environment will receive immediate enforcement response of order to suspend discharge or terminate service.
- C. Significant noncompliance will be addressed with an enforceable order within 60 days of identification and documentation of noncompliance.
- D. Follow-up escalated enforcement actions for continuing or recurring violations will be initiated within 60 days of the final event (such as final compliance date of a compliance schedule) or the initial or previous enforcement action.

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SECTION 7

PUBLIC PARTICIPATION

The public participation activities of the City of Harrison in the administration of its Industrial Pretreatment Program shall conform with the requirements of 40 CFR 403.

In addition to solicitation of public comment regarding legislation effecting Industrial Pretreatment and Industrial Pretreatment Program modifications, the City of Harrison shall provide the following reports as public information:

7.1 LOCAL PUBLICATION

The City of Harrison will determine incidences of significant noncompliance, as defined by Section 10.08.13 of the Harrison Municipal Code. In compliance with the public participation requirements of 40 CFR 403.8 (f) (2) (vii), IU's in significant noncompliance will, at least annually, be reported to the Arkansas Department of Environmental Quality and published in the Harrison Daily Times, or the largest daily newspaper published in the City of Harrison.

7.2 ANNUAL POTW REPORTS

In compliance with 40 CFR 403.12 (i), the City of Harrison shall provide the Approval Authority with a report that briefly describes the POTW's program activities. The report shall be submitted no later than May of each year and shall include, at a minimum, the following:

(1) An updated list of the POTW's Industrial Users, including their name and addresses and a list of any deletions. The list shall identify which Industrial Users are subject to categorical pretreatment standards and specify which standards are applicable to each Industrial User. The list shall indicate which Industrial Users are subject to local

standards that are more stringent than the categorical Pretreatment Standards. The POTW shall also list the Industrial Users that are subject only to local requirements.

(2) A summary of the status of Industrial User compliance over the reporting period.

(3) A summary of compliance and enforcement activities (including inspections) conducted by the POTW during the reporting period.

(4) Any other relevant information requested by the Approval Authority.

SECTION 8

ORGANIZATION AND FUNDING

8.1 PERSONNEL

The City of Harrison operates under the Mayor/City Council form of government. The City of Harrison is responsible for all activities including or affecting the City's POTW. Therefore, the City of Harrison is responsible for implementation of the Harrison Industrial Pretreatment Program, as shown by Figure 8.3, Harrison Pretreatment Organization Chart. The Director of Public Works, representing the City of Harrison, manages and administers the program and provides policy for direction of and cooperation between the City of Harrison and the Industrial Users. The implementation of the Harrison Pretreatment Program is under the principal supervision of the Wastewater System Manager. The Wastewater System Manager assesses staffing, equipment and budgetary needs of the program and provides direction to the Pretreatment Coordinator, POTW laboratory technicians and contract laboratories as required by the program.

The POTW laboratory is equipped to perform required analyses except for those which are best determined by use of an atomic absorption spectrophotometer or a gas chromatograph—generally metals and organics. The services of contract laboratories are used for these analyses requiring specialized equipment. The costs of contract laboratory services for compliance monitoring of SIU's may be billed to the permitted SIU.

A. Director of Public Works. The Director of Public Works has final responsibility for the operation of the Harrison Industrial Pretreatment Program. The Director of Public Works will therefore be the signatory authority for all reports and notices required for administration of the program.

B. Wastewater System Manager. Under the policy direction of the Director of Public Works, the Wastewater System Manager is responsible for the following activities:

- 1) Direction of the pretreatment program.
- 2) Issuance of industrial wastewater discharge permits.
- 3) Initiation of enforcement actions, except for informal letters.
- 4) Compilation and billing of surcharges for unusual (>300 mg/l) BOD₅ and TSS to IU's.
- 5) Compilation and billing of costs of contract laboratory services for compliance monitoring to IU's.

C. Pretreatment Coordinator. Under the direction of the Wastewater System Manager, the Pretreatment Coordinator is responsible for the following activities:

- 1) Maintain industrial pretreatment program files.
- 2) Identification of IU's by industrial surveys and industrial inspections and notification of IU's of pretreatment standards and requirements.
- 3) Review industrial wastewater discharge permit applications, recommend permit limits and conditions to the Wastewater System Manager, and monitoring of compliance schedules.
- 4) Inspection of SIU's production areas, monitoring, and pretreatment facilities at least annually (no responsibility shall be assumed for the O & M of the SIU's pretreatment facilities).
- 5) Establish and administer compliance self-monitoring schedules for permitted SIU's.

- 6) Random monitoring of non-significant non-residential POTW users who are found by industrial inspection to have changed operations or wastewater characteristics to likely result in their being SIU's.
- 7) Once per year compliance monitoring of all permitted SIU's.
- 8) Review analyses of compliance self-monitoring for documentation and reporting of instances of noncompliance to the Wastewater System Manager and the Director of Public Works.
- 9) Preparation of samples for transport to contract laboratory to obtain required analyses which are beyond the capabilities of the POTW laboratory equipment.
- 10) Splitting of samples with industries, if requested by the industry.
- 11) Initiate the informal enforcement action of phone calls and/or informal letters to notify IU's of non-significant noncompliance.
- 12) Operation and maintenance of wastewater sampling equipment.

D. Laboratory Staff. Under the supervision of the Wastewater System Manager, the POTW laboratory staff (technician) is responsible for the following Industrial Pretreatment Program activities:

- 1) Required analyses within the capabilities of the POTW laboratory equipment.
- 2) Reporting of analyses results to the Pretreatment Coordinator and to the Wastewater System Manager.

For random and other special monitoring activities, a wastewater treatment plant operator is always available to assist the Pretreatment Coordinator with placing and retrieving portable samplers.

The Harrison City Attorney provides legal counsel to assist the Director of Public Works and Wastewater System Manager with administration and enforcement of the Harrison Industrial Pretreatment Program.

The consulting engineer for the City of Harrison assists either the Director of Public Works, the Harrison City Attorney, the Wastewater System Manager, or the Pretreatment Coordinator by providing technical consultation, as needed, for the administration of the pretreatment program.

8.2 EQUIPMENT

The City of Harrison has sufficient equipment to operate the pretreatment program. The Pretreatment Coordinator has a motor vehicle, automatic samplers, flow meters, PC computer hardware, word processing and records-keeping software, telephone, and an office available for his/her use.

Additional equipment found to be required for proper operation of the pretreatment program can be funded from the appropriate budgeted operating expenses fund.

8.3 PROGRAM COSTS AND FUNDING SOURCES

The estimated annual operating costs of the Harrison Pretreatment Program is as shown in Table 8.3, on the following page.

TABLE 8.3

ANNUAL OPERATING COST FOR
INDUSTRIAL PRETREATMENT PROGRAM

Salaries & Benefits

Administration

Director of Public Works Wastewater System Manager	
Clerical	
Subtotal Administration	\$18,000

Operations

Pretreatment Coordinator	32,656	
Plant Operator(s)		
Laboratory Technician(s)	5,000	
Subtotal Operations	37,656	\$55,656

Contract Laboratory 3,000

Legal Counsel 15,000

Operating Costs

Vehicle	\$3,000	
Supplies	<u>10,000</u>	<u>\$13,000</u>

Total Annual Costs \$86,656

The \$86,656 annual operating cost of the pretreatment program is recovered in revenues generated by general sewer service user fees. The present sewer service user

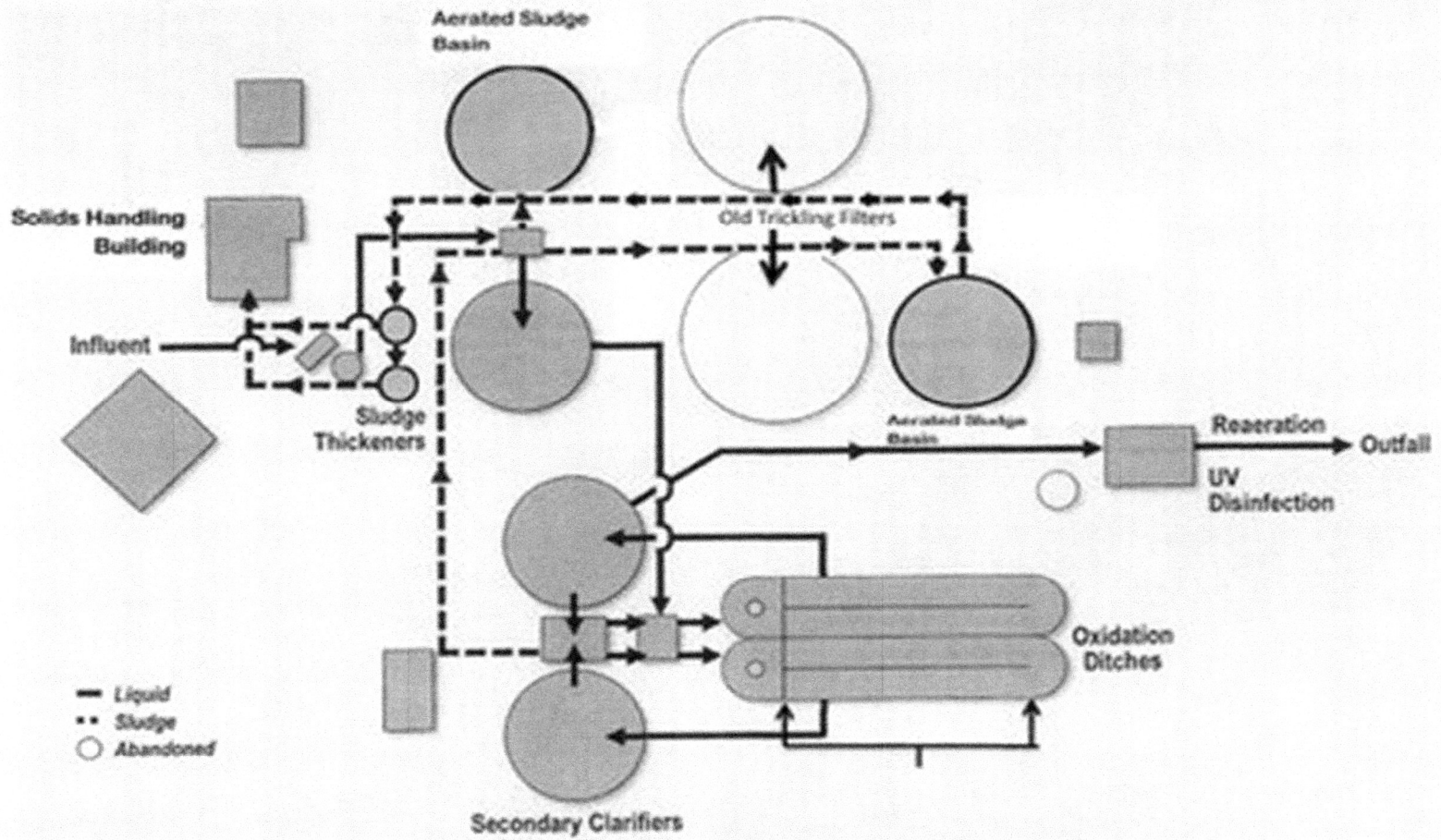
fee for usages about 1,500 gallons per month and up to 25,000 gallons per month is \$4.79 per 1,000 gallons. The wholesale sewer service user rate for all over 1 M gallons per month is \$4.75 per 1,000 gallons.

Section 10.08.19 (1) of the Harrison Municipal Code provides that City of Harrison may adopt IU charges and fees for reimbursement of costs for evaluation of applications for and issuance of Industrial Wastewater Discharge Permits and for monitoring of IU's wastewater discharge. Therefore, the costs of permitting and monitoring IU's, particularly costs of services of consulting engineer for evaluating permit applications and for contract laboratories for analyses, should be at no net cost to the City of Harrison.

Budgeted line items expenses, adequately funded by general sewer service fees and by surcharges, provide for adequate funding of the Harrison Industrial Pretreatment Program.

APPENDIX A
SCHEMATIC OF
WASTEWATER TREATMENT PLANT

Existing Plant Layout



APPENDIX B
CHAMBER OF COMMERCE INDUSTRIAL LISTING
HARRISON, ARKANSAS

CLOSED	Atlan Formularies	404 W. Hill St.	Boone	Alpena	AR 72611
	Northwind, Inc.	13300 Maple Hill Rd.	Boone	Alpena	AR 72611-3008
	Tyson Foods, Inc., Feed Mill	212 Tyson Drive	Boone	Bergman	AR 72615
CLOSED	Maier Fabrication	307 Grand Ave.	Boone	Diamond Cit	AR 72644
<u>Mailing : P. O. Box 1170</u>	Mechanical Fisher	307 Grand Ave.	Boone	Diamond Cit	AR 72644
MOVING TO HARRISON Jan. 16,2011	Shaker Microphone	PO Box 1070	Boone	Diamond Cit	AR 72630-1070
	A B C Block Co.	214 W. Industrial Park Rd.	Boone	Harrison	AR 72601-6801
	ADC Manufacturing	300 N. Industrial Park Rd.	Boone	Harrison	AR 72601-6627
	Advance Fabricating & Mfg.	PO Box 1694	Boone	Harrison	AR 72602-1694
	Aero-Mold, Inc.	3355 Steep Hill Dr.	Boone	Harrison	AR 72601-8554
Mailing: P. O. Box 906	Arkansas Products Co., Inc.	603 Highway 62 65 S.	Boone	Harrison	AR 72601-6148
Mailing: P. O. Box 3252	Arkholia Sand & Gravel Co.	Hwy. 65, Box 1261	Boone	Harrison	AR 72601
	Ark-Rod, Inc.	1902 Rock Springs Rd.	Boone	Harrison	AR 72601-8875
CLOSED	Arnold Printing Co.	1112 W. Rush Ave.	Boone	Harrison	AR 72601-3244
MAILING: P. O. BOX 1674	B J Manufacturing	9413 Highway 392 W. # 1674	Boone	Harrison	AR 72601-7758
	Barrett Plastics	330 W. Industrial Park Rd. Ste. 4	Boone	Harrison	AR 72601-9719
CLOSED	Bradley Cast Nets	6504 Peach Orchard Rd.	Boone	Harrison	AR 72601-1956
	Brewer Custom Cabinets & Truss Rafter	9098 Highway 62 E.	Boone	Harrison	AR 72601-7421
	Claridge Extrusions	219 W. Industrial Park Rd.	Boone	Harrison	AR 72601
MAILING: P.O. BOX 910	Claridge Products & Equipment, Inc. (HC	601 Highway 62 65 S.	Boone	Harrison	AR 72601-6148
	Concrete Curing Tech	125 #3 Industrial Park Road	Boone	Harrison	AR 72601
CLOSED	Creamer Woodworks	4591 Merrit Ct.	Boone	Harrison	AR 72601-6750
CLOSED	Duncan Parking Technologies, Inc.	125 W. Industrial Park Rd. Ste. 1/	Boone	Harrison	AR 72601-2218
	Eastman-Booth, Inc.	4101 W. Commercial St.	Boone	Harrison	AR 72601-6805
	Enchanted Marble	203 N. Walnut St.	Boone	Harrison	AR 72601-4332
	Flexsteel Industries, Inc., Wood Product	701 Highway 62 65 S.	Boone	Harrison	AR 72601-6107
	G F I, Inc.	11381 Highway 62 W.	Boone	Harrison	AR 72601-8104
	Gilbert Mold & Die, Inc.	6424 Highway 43 S.	Boone	Harrison	AR 72601-8645
	Guy's Signs	1616 N. Spring Rd.	Boone	Harrison	AR 72601-6915
	Hammons Tool & Die Co.	304 N. Industrial Park Rd.	Boone	Harrison	AR 72601-6627
	Harness Mattress Mfg. Co.	200 E. Sherman Ave.	Boone	Harrison	AR 72601-3025
	Harrison Daily Times	111 W. Rush Ave.	Boone	Harrison	AR 72601-4218
	Harrison Machine	1414 Goblin Dr. Ste. 9	Boone	Harrison	AR 72601-6791

NOT A MANUFACTURER

MAILING: P. O. BOX 1174

new name: West Rock

NEW NAME: Thorpe Plant Services

Harrison Signs Co.	801 Highway 62 65 N.	Boone	Harrison	AR	72601-2158
Hart Monument Co., Inc.	403 N. 62-65 Hwy.	Boone	Harrison	AR	72601
Home Ice Co.	114 N. Sycamore St.	Boone	Harrison	AR	72601-4321
Homey Hearth Bakery	4329 Highway 65 S.	Boone	Harrison	AR	72601-9487
International Grating & Flange (IGF, Inc.	7660 Cottonwood Rd.	Boone	Harrison	AR	72601-7607
Inovative Formulations	304 Hwy. 62-65 South	Boone	Harrison	AR	72601
James Wood Products	200 E. Sherman Ave.	Boone	Harrison	AR	72601-3025
Johnson Mfg. Co., Inc.	305 W. Industrial Park Rd.	Boone	Harrison	AR	72601-6804
Log Cabin Furniture	201 N. Olive St.	Boone	Harrison	AR	72601-4303
Magnet Co., Inc.	330 W. Industrial Park Rd. Ste. 4	Boone	Harrison	AR	72601-9719
Modern Parts, Inc.	212 E. Crandall Ave.	Boone	Harrison	AR	72601-3607
Mountain Oak Products Co.	12545 Highway 206 W.	Boone	Harrison	AR	72601-5187
MSC Automation	518 Buck Hollow Ln.	Boone	Harrison	AR	72601-6954
Newton's Processing, Inc.	203 N. Sycamore St.	Boone	Harrison	AR	72601-4322
Pace Industries	513 Hwy. 62/65 North	Boone	Harrison	AR	72601
Parker Enterprises	320 Highway 62 65 N.	Boone	Harrison	AR	72601-3035
Peterson Mfg. Co., Inc.	2445 Highway 7 N.	Boone	Harrison	AR	72601-5568
Quality Fabricators, Inc.	2305 Highway 7 N.	Boone	Harrison	AR	72601-7599
Quality Feed Grains, Inc.	4616 Highway 65 S.	Boone	Harrison	AR	72601
Quality Quick Printing	424 S. Main St.	Boone	Harrison	AR	72601-5506
Richardson Cabinet Shop	10591 Highway 7 N.	Boone	Harrison	AR	72601-5551
Rock-Tenn Co.	329 W. Industrial Park Rd.	Boone	Harrison	AR	72601-6804
S. C. Seasoning Co. (Cavender's)	306 N. Industrial Park Rd.	Boone	Harrison	AR	72601-6627
SCI Millwork	1901 Airport Rd.	Boone	Harrison	AR	72601-6618
Shamrock Automation, Inc.	320 W. Industrial Park Rd.	Boone	Harrison	AR	72601-6803
Tankinetics, Inc.	228 W. Industrial Park Rd.	Boone	Harrison	AR	72601-6801
Topstitch Embroidery	103 Cottonwood Rd.	Boone	Harrison	AR	72601-2134
TRG Harrison, LLC	316 W. Industrial Park Rd.	Boone	Harrison	AR	72601-6803
Trophy Shop	676 Bunker Rd.	Boone	Harrison	AR	72601-6725
T-Shirt Techniques, Inc.	207 W. Rush Ave.	Boone	Harrison	AR	72601-4220
Wabash Wood Products, Inc.	339 W. Industrial Park Rd.	Boone	Harrison	AR	72601-6804
Wright Steel & Machine	402 W. Industrial Park Rd.	Boone	Harrison	AR	72601-8174
Dingman Leather Goods, Martin	14966 Industrial Park Dr.	Boone	Lead Hill	AR	72644-9317
Nortech Graphics, Inc.	14950 Industrial Park Dr.	Boone	Lead Hill	AR	72644-9317

CLOSED

Riggs Reproduction	17172 N. Highway 7	Boone	Lead Hill	AR	72644-9792
Burlington Stained Glass Store	PO Box 173	Boone	Omaha	AR	72662-0173
Royal Oak Enterprises, Inc.	10600 Charcoal Plant Rd.	Boone	Omaha	AR	72662
APAC-Arkansas, Inc., McClinton-Anchor	PO Box 327 Hwy. 65 S.	Boone	Valley Spring	AR	72682-0327
TNS Enterprises, Inc.	9445 Hwy. 65 S.	Boone	Valley Spring	AR	72682

APPENDIX C

ARKANSAS INDUSTRIAL DEVELOPMENT COMMISSION DIRECTORY OF HARRISON, ARKANSAS

MANUFACTURERS

N. (71646)
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Hampton (cont.)

SIC—2675; NAICS—322200;
Paper & pressboard file folders
Employs—10; Estab.—1987
Distrib.—National
Privately owned corporation

SOUTH ARKANSAS SUN
305 E. Main St. (71744)
Phone—(870) 798-3786
Fax—(870) 798-3479
www.southarkansasun.com
Email—publisher@southarkansasun.com
Editor & GM—Brenda Clark
Adv. Rep.—Sandy Sanders
SIC—2711; 2791; NAICS—
323122; Newspaper publishing
Employs—4; Estab.—1995
Sales—under \$500,000
Distrib.—Local
Privately owned corporation

Hardy
(Sharp—N.E.)

AZ PRINTING & SIGN CO.
1638 Highway 62-412 (72542-9471)
Mail addr: P.O. Box 539, Ash Flat (72513-0539)
Phone—(870) 856-4445
(870) 856-3877
Fax—(870) 856-3840
www.azind.com
Email—az@centurytel.net
Owner, Pres., Fin., MIS & Pur. Mgr.—Barbara Adam
Graphic Artist—Johnny Sartin
SIC—2759; 3993; NAICS—
323100; Digital printing & signs
Employs—3; Estab.—1994
Sales—under \$500,000
3,500 sq ft site, Distrib.—Local
Privately owned corporation

MILLER'S LEATHER SHOP

103 Main St., P.O. Box 691 (72542)
Phone—(870) 856-4226
Fax—(870) 856-4226
www.millersleather.com
Ptnr.—Steve Miller
Ptnr.—Carey Miller
SIC—2389; 2386; NAICS—
315200; Leather products
Employs—2; Estab.—1992
Sales—under \$500,000
Distrib.—Regional
Privately owned partnership

N-STA-SMILE INC.

205 E. Main St., P.O. Box 148 (72542)
Phone—(870) 856-2087
(870) 856-4117
National—(888) 997-2087
Fax—(870) 856-4851
www.n-sta-smile.com
Email—info@n-sta-smile.com
Owner—Kerry Evans
Corp. Secy-Treas.—Susan Shackelford
Manager—Robin DeBoser
Dev. Coord.—Holly Morgan
SIC—3991; NAICS—339994;
Waterless patented pre-pasted mini disposable toothbrushes
Employs—5; Estab.—2008
Sales—under \$500,000
Distrib.—National
Privately owned corporation

OZARK MULDING & MILLWORK

2456 Highway 63, P.O. Box 635 (72542)
Phone—(870) 856-2218
National—(888) 441-0109
Fax—(870) 856-4006
www.ozarkmoulding.com
Email—ozak054@centurytel.net
Pres.—Wade Todd

V-P—Scott Jodd
SIC—2434; 2431; NAICS—
337110; Kitchen cabinets & hardwood moldings
Employs—7; Estab.—1992
Sales—\$500,000-\$1Mil
15,000 sq ft site, Distrib.—Regional
Privately owned sub-S corp.

R & R READY MIX, INC.

Hwys. 62 & 412, P.O. Box 599 (72542)
Phone—(870) 856-3322
Fax—(870) 856-3128
Pres.—Brian Ratliff
SIC—3278; NAICS—327320;
Ready-mixed concrete
Employs—4; Estab.—1981
Sales—under \$500,000
Distrib.—Local
Privately owned corporation

SIGNS BY RICK

59 George Jackson Dr. (72542)
Phone—(870) 856-2426
Fax—(870) 856-2426
Email—signsbyrick@yahoo.com
Owner—Richard Adams
SIC—3993; Interior & exterior signs
Employs—1; Estab.—1997
Sales—under \$500,000
Distrib.—Local
Sole ownership

Harrisburg
(Poinsett—N.E.)

MODERN NEWS, THE

206 Main St., P.O. Box 400 (72432)
Phone—(870) 578-2121
Fax—(870) 578-9415
www.themodernnews.com
Email—modernnews@pcsi.com
Publisher & Editor—Elaine Freeman
SIC—2711; 2791; NAICS—
323122; Newspaper publishing
Employs—3; Estab.—1888
Sales—under \$500,000
1,400 sq ft site, Distrib.—National
Sole ownership

PINE GROVE WOOD PRODUCTS

1303 Pine Grove Ln., PO Box 90 (72432)
Phone—(870) 578-2766
(870) 974-1988
Fax—(870) 578-2766
Email—fwroberts@sbcglobal.net
Owner—Farrel W. Roberts
Operation Mgr.—Jeffrey T. Spiegel
SIC—2439; 3443; NAICS—
321200; Wooden roof & floor trusses
Employs—9; Estab.—1986
Sales—\$500,000-\$1Mil
16,280 sq ft site, Distrib.—Local
Sole ownership

RAZORBACK CONCRETE CO.

18595 Farm Hill Rd. (72432)
Phone—(870) 578-5363
(870) 735-8610
Fax—(870) 578-2300
www.razorbackconcrete.com
Email—razorback@razorbackconcrete.com
GM—Dan P. Hogan
Plt. Mgr.—Scott Cole
SIC—3281; NAICS—327991;
Sand & gravel processing
Employs—15; Estab.—1985
Sales—\$1Mil-\$5Mil
Distrib.—Regional
Privately owned corporation
DBA: Razor Rock Materials Co.
Parent co.—Razorback Concrete Co., West Memphis, AR
Phone—(870) 735-9580
See Parent Co. Section for full profile.

NEW ENTRY

RUSKEN PACKAGING, INC.

1301 S. Illinois St. (72432)
Phone—(870) 578-9572
(877) 571-9572
Fax—(870) 578-9821
www.rusken.com
Email—rlowe@rusken.com
Manager—Donnie Lowe
SIC—2653; Corrugated boxes
Employs—50
Sales—\$10Mil-\$25Mil (est)
Distrib.—Regional
Privately owned corporation
Parent co.—Rusken Packaging, Inc., Cullman, AL
Phone—(256) 734-0092
See Parent Co. Section for full profile.

Harrison
(Boone—N.W.)

A B C BLOCK CO.

Div. of Newood, Inc.
214 Industrial Park Rd. (72601-0818)
Mail addr: P.O. Box 45025, Little Rock (72214)
Phone—(870) 741-4200
National—(800) 455-2027
Fax—(870) 741-0454
www.abcblock.com
Email—info@abcblock.com
Sales Mgr.—Joel Kelsey
MIS Mgr.—Travis Wood
Off. Mgr.—Jim Kirkland
Dispatcher—Megan Smith
SIC—3271; NAICS—327331;
Concrete blocks
Employs—18; Estab.—1946
Sales—\$1Mil-\$5Mil
11,250 sq ft site, Distrib.—Local
Privately owned corporation
Parent co.—Newood, Inc., Little Rock, AR
Phone—(501) 455-2027
See Parent Co. Section for full profile.

ADC MFG.

Div. of Oldcastle, Inc.
300 N. Industrial Park Rd. (72601)
Phone—(870) 741-6193
National—(877) 258-9576
Fax—(870) 741-6163
www.adcmanufacturing.com
Email—mmarley@adcmanufacturing.com
GM—Bob Hopper
Sales Mgr., Natl.—Mike Marley
Plt. Mgr.—Kathy Stay
SIC—3364; NAICS—331522;
Chain-link fence fittings die casting, including stampings, powder coating & galvanizing;
Brand name—PAGE
Employs—60; Estab.—1973
Sales—\$5Mil-\$10Mil
82,000 sq ft site, Distrib.—National
Publicly owned corporation
Parent co.—Oldcastle, Inc., Atlanta, GA
Phone—(770) 804-3363
See Parent Co. Section for full profile.

ADVANCED FABRICATING & MANUFACTURING

3768 Wooden Hills Rd. (72601)
Mail addr: P.O. Box 164, Harrison (72602)
Phone—(870) 743-6164
Fax—(870) 743-6651
www.adfabman.com
Email—adfabman@windstream.net

SIC—3499; 3498; Custom met fabrication & nonferrous pipe tube bending of refrigeration air conditioning units & related parts, including shearing, pre brake & powder coating
Employs—5; Estab.—1998
Sales—under \$500,000
Distrib.—Regional
Sole ownership

AERO HOLD, INC.

3355 Steep Hill Dr. (72601)
Phone—(870) 741-1155
Fax—(870) 741-4206
Email—aeromold@cox-internet.net
Parent co.—Rusken Packaging, Inc., Cullman, AL
SIC—3544; NAICS—333500; Tool & die job shop
Employs—2; Estab.—1989
Sales—under \$500,000
5,000 sq ft site, Distrib.—National
Privately owned corporation

ARKANSAS PRODUCTS CO., INC.

603 S. Highway 62-65 (72601)
Mail addr: P.O. Box 906, Harrison (72602)
Phone—(870) 743-1127
National—(800) 776-2281
Fax—(870) 743-3019
www.arkansasproductco.com
Email—sales@arkansasproductco.com
Pres. & IT Mgr.—Mike Scarsdale
V-P & Hum. Res. Mgr.—Charles Scarsdale
Shp. Mgr. & Bookkeeper—Jennifer Allford-Watson
SIC—2426; 2431; NAICS—
321900; Hardwood flooring & stair treads
Employs—20; Estab.—1945
Sales—\$1Mil-\$5Mil
32,000 sq ft site, Distrib.—National
Privately owned sub-S corp.

ARKHOLA SAND & GRAVEL CO.

Div. of APAC-Central, Inc.
Highway 65, Box 1261 (72602)
Mail addr: P.O. Box 1261, Harrison (72601-1261)
Phone—(870) 741-7999
Fax—(870) 741-4208
www.apac.com
Email—info@apac.com
Plt. Mgr.—Jay F. Brandes
SIC—3273; NAICS—327320;
Ready-mixed concrete
Employs—9; Estab.—1983
Sales—under \$500,000
Distrib.—Local
Privately owned corporation
Parent co.—APAC-Central, Inc., Fayetteville, AR
Phone—(479) 587-3300
See Parent Co. Section for full profile.

ARK-ROD, INC.

1902 Rock Springs Rd. (72601)
Phone—(870) 741-3908
Fax—(870) 741-5938
Pres., Sales Mgr.—Jim Behrle
Plt. Mgr.—Julie Smith
Supervisor—Josh Smith
SIC—3949; NAICS—339920;
Fishing rods
Employs—20; Estab.—1982
Sales—\$1Mil-\$5Mil
13,600 sq ft site, Distrib.—Local
Privately owned sub-S corp.

ARNOLD PRINTING CO.

1112 W. Rush St., P.O. Box 813 (72601)
Phone—(870) 741-5398
Owner—Rex Arnold
Off. Mgr.—Theresa Arnold
SIC—2759; NAICS—323100;
Commercial printing
Employs—4; Estab.—1967
Sales—under \$500,000

Harrison—(cont.)

ARTCO, INC.

330 W. Industrial Park Rd., Ste. 4 (72601)
Phone—(870) 741-1620
Fax—(870) 741-2469
www.barrettplastics.com
Email—info@barrettplastics.com
Owner—Cocky Barrett
GM—Jim Martin
SIC—3089; *Plastic injection molding*
Employs—10; Estab.—1994
Sales—\$1.5Mil
22,000 sq ft site, Distrib.—Intl.
Privately owned sub-S corp.
AKA: Barrett Plastics

B.J.MFG. FACTORY

P.O. Box 1674 (72602-1674)
Phone—(870) 437-2944
www.bjmanufacturing.com
Email—bj-mfg@eritter.net
Ptnr. & Off. Mgr.—Patricia Jones
Ptnr. & R & D Mgr.—Joe Jones
Corp. Secy.—Cindy Jones
MIS Mgr.—Jeff Jones
SIC—3523; 3799; 3715; *Cattle feeding, farm equipment, stock cattle & horse trailers*
Employs—10; Estab.—1982
18,000 sq ft site, Distrib.—Regional
Privately owned sub-S corp.

BREWER CUSTOM CABINETS & TRUSS RAFTERS, INC.

9098 Highway 62 E. (72601)
Phone—(870) 743-3314
Fax—(870) 743-2930
Pres., R & D Mgr.—Pat Nichols
MIS Mgr.—Guy Nichols
Fin. Mgr.—Carol Nichols
SIC—2439; NAICS—321200; *Wooden rafter & floor trusses*
Employs—7; Estab.—1976
Sales—\$500,000-\$1Mil
4,500 sq ft site, Distrib.—Local

BRISCO WOODWORKING, INC.

14628 Highway 43 S. (72601)
Phone—(870) 420-3400
Fax—(870) 420-3400
Pres.—Richard Brisco
Corp. Secy.—Mason Brisco
Off. Mgr.—Carla Brisco
SIC—2434; NAICS—337110; *Wooden kitchen cabinets*
Employs—7; Estab.—1989
Sales—under \$500,000
Distrib.—National
Privately owned corporation

CLARIDGE EXTRUSIONS

Div. of Claridge Products & Equipment, Inc.
219 Industrial Park Rd. (72601)
Mail addr: P.O. Box 910, Harrison (72602-0910)
Phone—(870) 743-2207
National—(800) 434-4610
Fax—(870) 743-1908
www.claridgeproducts.com/extrusions
Email—ext@claridgeproducts.com
V.P. Opers. & Sales—John Hardcastle
IT Mgr.—J. Mackey
Hum. Res. Mgr.—Roger Leonard
Maint. Mgr.—Harry Wagoner
Pur. Agt.—Doug Chaffin
SIC—3354; NAICS—331316; *Aluminum extrusions, stock solid & hollow dies, anodizing, painting, finishing & fabrication*
Employs—17; Estab.—1968
Sales—\$10Mil-\$25Mil
96,000 sq ft site, Distrib.—National
Privately owned corporation

Parent co.—Claridge Products & Equipment, Inc., Harrison, AR
Phone—(870) 743-2200
See Parent Co. Section for full profile.

CLARIDGE PRODUCTS & EQUIPMENT, INC.

601 Highway 62-65 S. (72601)
Mail addr: P.O. Box 910, Harrison (72602-0910)
Phone—(870) 743-2200
National—(800) 434-4610
Fax—(870) 743-1908
www.claridgeproducts.com
Email—claidge@claridgeproducts.com
Owner—Helen Clavey
V.P., GM—Paul Clavey
V.P., Mktg.—Leslie Eddings
V.P., Acctg.—Mary Roberts
Corp. Secy.—Marcus McNew
Sales Mgr.—Terry McCutchen
Pit. Mgr.—Dennis Sisco
Adv. Mgr.—Pam Henry
Hum. Res. Mgr.—Roger Leonard
Trsf. Mgr.—Mary Ann Adams
SIC—2499; 2531; 2542; 2541; *Corporate headquarters & chalkboards, markerboards, tackboards, display cabinets, display cases & lecture units; Brand name—Vitracite; LCS*
Employs—287; Estab.—1947
Sales—\$25Mil-\$50Mil
270,000 sq ft site, Distrib.—Intl.
Privately owned corporation

DURABLE RALPH, INC.

4369 Rock Springs Rd. (72601)
Phone—(870) 741-7177
National—(800) 737-7878
Email—durableledg@windstream.net
Pres., Mktg., Pur. & R & D Mgr.—Ralph Guynn
V.P., Fin. & MIS Mgr.—Rex Guynn
Secy-Treas., Pit. Mgr.—Sharon Guynn
SIC—3199; NAICS—316999; *Dog collars, tie-down stakes & chains*
Employs—3; Estab.—1976
Sales—under \$500,000
7,500 sq ft site, Distrib.—National
Privately owned corporation

EASTMAN-BOOTH, INC.

4101 W. Commercial Dr. (72601)
Phone—(870) 741-1000
Fax—(870) 741-6978
Email—math@eastmanbooth.com
Sales Mgr.—Matt Harris
Maint. Mgr.—Jerry Harris
Foreman—John Payne
SIC—3599; *General machining job shop*
Employs—28; Estab.—1979
Sales—\$1Mil-\$5Mil
20,000 sq ft site, Distrib.—National
Privately owned corporation

ENCHANTED MARBLE

2525 Highway 7 N. (72601)
Mail addr: P.O. Box 1101, Harrison (72602)
Phone—(870) 741-8840
Fax—(870) 741-8840
Owner—Don Person
GM—Mike Schaffer
SIC—3281; NAICS—327991; *Cultured marble & solid-surface materials*
Employs—6; Estab.—1978
Sales—\$500,000-\$1Mil
7,000 sq ft site, Distrib.—Regional
Sole ownership

FLEETPRIDE, INC.

4424 Highway 65 S. (72601)
Phone—(870) 743-4334
Fax—(870) 743-4392
www.fleetpride.com
Email—info@fleetpride.com
Br. Mgr.—Matt McWhirter

SIC—5013; *Distributor of truck brakes & steerings*
Employs—5; Estab.—2002
4,000 sq ft site, Distrib.—Regional
Privately owned corporation
Parent co.—FleetPride, Inc., The Woodlands, TX
Phone—(832) 585-0555
See Parent Co. Section for full profile.

FLEXSTEEL INDUSTRIES, INC., WOOD PRODUCTS DIV.

Div. of Flexsteel Industries, Inc.
608 Highway 65 N., P.O. Box 1059 (72602)
Phone—(870) 743-1101
Fax—(870) 743-3390
www.flexsteel.com
Email—info@flexsteel.com
GM—Mark J. Feldman
Hum. Res. Mgr.—Ed Lagging
SIC—2511; *Upholstered furniture*
Employs—60; Estab.—1956
118,000 sq ft site, Distrib.—National
Parent co.—Flexsteel Industries, Inc., Dubuque, IA
Phone—(563) 556-7730
See Parent Co. Section for full profile.

FOREST HILLS PRINTING

4786 Wagner Loop (72601)
Phone—(870) 741-9796
Email—haroldda@cox.net
Owner—Harold Anderson
SIC—2759; NAICS—323100; *Commercial printing*
Employs—4; Estab.—2006
Sales—under \$500,000
Distrib.—Regional
Privately owned sub-S corp.

G.F.I., INC.

11381 Highway 62 W. (72601)
Mail addr: P.O. Box 1112, Harrison (72602-1112)
Phone—(870) 741-6334
Fax—(870) 437-5404
www.gfiinc.us
Email—info@gfiinc.us
Pres., Hum. Res. Mgr.—Dave Helm
V.P., Secy., Off.—Mahalia Jackson
Pit. Mgr.—Meia Waters
Off. Mgr.—Daryl Shelton
SIC—3089; *Fiberglass fabrication*
Employs—8; Estab.—1990
Sales—over \$750,000
5,000 sq ft site, Distrib.—Intl.
Privately owned corporation

GARY SIGNS

213 Glenview St. (72601)
Phone—(870) 743-1757
Email—wbx@hotmail.com
Owner—Gary Gale
SIC—3993; *Magnetic interior & exterior signs & banners*
Employs—1; Estab.—1994
Sales—under \$500,000
1,200 sq ft site, Distrib.—National
Sole ownership

GILBERT MOLD & DIE, INC.

6424 Highway 43 S. (72601)
Mail addr: P.O. Box 1722, Harrison (72602)
Phone—(870) 741-0451
Fax—(870) 741-0452
Email—guy@gilbertmold.com
Pres., Fin. & R & D Mgr.—Guy Gilbert
Opers. Mgr.—Bo Gilbert
Off. Mgr.—Goneda Gilbert
Maint. Mgr.—Scott Gilbert
SIC—3544; NAICS—333500; *Tool & die job shop*
Employs—8; Estab.—1992
Sales—\$500,000-\$1Mil
11,000 sq ft site, Distrib.—Regional
Privately owned corporation

GUY'S SIGNS

1616 N. Spring Rd. (72601)
Phone—(870) 741-6630
Fax—(870) 741-8683
Owner—Guy Wickersham, Jr.
SIC—3993; 2394; NAICS—314912; *Commercial & residential signs & awnings*
Employs—2; Estab.—1966
Distrib.—Regional
Sole ownership

HAMMONS TOOL & DIE CO.

304 N. Industrial Park Rd. (72601)
Phone—(870) 741-5395
Fax—(870) 741-2345
Email—hld@windstream.net
Ptnr.—Gary Lanimer
Ptnr.—Larry Martin
SIC—3544; NAICS—333500; *Tool & die job shop, including die casting*
Employs—3; Estab.—1974
Sales—under \$500,000
Distrib.—Regional
Limited Liability Company

HARNESS MATTRESS MFG. CO.

200 E. Sherman Ave. (72601)
Phone—(870) 741-5655
National—(800) 264-1656
Fax—(870) 741-1422
www.harnessmattress.com
Pres.—Troy Harness
V.P.—Barbara R. Harness
Hum. Res. & Off. Mgr.—Craig Harness
Sales Rep.—Arlette Mathis
SIC—2515; *Mattresses & box springs*
Employs—7; Estab.—1956
Sales—\$500,000-\$1Mil
15,000 sq ft site, Distrib.—Local
Privately owned corporation

HARRISON DAILY TIMES

Div. of Community Publishers, Inc.
111 W. Rush Ave. (72601)
Mail addr: P.O. Box 40, Harrison (72602-0040)
Phone—(870) 741-2325
National—(866) 326-6397
Fax—(870) 741-5632
www.harrisondailytimes.com
Email—dwa1n1@harrisondaily.com
Publisher—Ronnie Bell
Editor—Dwain Lair
Asst. Editor—James White
Adv. Mgr., Display—Jasan Overman
Bus., Fin. & Hum. Res. Mgr.—Carol Lawson
Graphics Mgr.—Josh Phillips
SIC—2711; 2741; *Daily print & online newspaper publishing*
Employs—25; Estab.—1876
Sales—under \$500,000
20,000 sq ft site, Distrib.—Local
Privately owned corporation
Parent co.—Community Publishers, Inc., Bentonville, AR
Phone—(479) 271-3772
See Parent Co. Section for full profile

HARRISON GROCER CO.

512 Highway 62-65 N., P.O. Box 730 (72602)
Phone—(870) 741-3421
National—(800) 737-7700
Fax—(870) 741-4444
www.pippinwholesale.com
Email—kmlburn@pippinwholesale.com
GM—Ken Milburn
SIC—5141; 5113; 5087; *Wholesaler of general line groceries, foodservice paper products & cleaning chemicals*
Employs—30; Estab.—1958
Distrib.—Local
Privately owned corporation
DBA: Pippin Wholesale Co.

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Mgr

Harrison—(cont.)

HARRISON MACHINE

1412 Goblin Dr. (72601)
Phone—(870) 741-1859
Fax—(870) 741-1869
Email—harrisonmachine@yahoo.com

Ptnr.—Barbara Lamp
Ptnr.—Damon Lamp
SIC—3599; *Precision & general machining job shop*
Employs—2; Estab.—2004
Sales—under \$500,000
Distrib.—Local
Privately owned partnership

HARRISON SIGNS CO.

801 Highway 62-65 N., P.O. Box 493 (72602)

Phone—(870) 741-5267
Fax—(870) 741-0124
www.harrisonsignscompany.com
Email—signshare@yahoo.com
Pres.—Claude West

V.P.—David Frye
SIC—3993; *Interior & exterior plastic, neon & vinyl signs*
Employs—9; Estab.—1958
Sales—\$500,000-\$1Mil
6,000 sq ft site, Distrib.—Local
Privately owned corporation

HART MONUMENT CO., INC.

403 N. 62-65 Hwy. (72601)
Phone—(870) 741-5421
National—(800) 452-9635
Fax—(870) 741-0076
Email—hartmonumentco@gmail.com

Owner—Eldon Roberts
Pres.—William E. Roberts
Off. & Sales Mgr.—Wilma Sims
SIC—3281; NAICS—327991; *Burial monuments*
Employs—6; Estab.—1960
Sales—under \$500,000
Distrib.—Regional
Privately owned sub-S corp.

HAUL READY MIX, INC.

2452 Highway 7 N. (72601)
Phone—(870) 743-1519
CEO—Danny Hall
SIC—3273; *Ready-mixed concrete*
Employs—4; Estab.—2001
Sales—under \$500,000
Distrib.—Local
Privately owned corporation
AKA: Haul Construction, Inc.

HOME ICE CO.

114 N. Sycamore St. (72601)
Phone—(870) 741-5567
Fax—(870) 741-9439
www.ozarkposter.com
Email—congr8@cox.net
GM, Sales & Mktg. Mgr.—Phil Gray
Manager—Connie Gray
SIC—2097; NAICS—312113; *Ice*
Employs—6; Estab.—1934
Sales—under \$500,000
Distrib.—Local
Privately owned sub-S corp.
AKA: Ozark Poster Advertising

HOMEY HEARTH BAKERY

4329 Highway 65 S. (72601)
Phone—(870) 741-4690
Fax—(870) 741-4690
www.homeyhearthbakery.com
Email—homeyhearth@windstream.net
Ptnr.—Barb Yoder

SIC—2051; NAICS—311812; *Bakery products, including breads & cake*

Employs—5; Estab.—1990
Sales—under \$500,000
2,800 sq ft site, Distrib.—Local
Privately owned corporation

INTERNATIONAL GRATING & FLANGE (IGF, INC.)

7660 Cottonwood Rd. (72601)
Mail addr: P.O. Box 2477, Harrison (72602)

Phone—(870) 741-6500
Fax—(870) 741-6512
www.igf.net
Email—sales@igf.net
Pres.—Al Newberry
GM—Doug Sunde
Shpg. Mgr.—Melinda Crout
SIC—3089; 3499; *FRP ladders, platforms, handrails, gratings, flanges, couplings & manways*
Employs—14; Estab.—1997
Distrib.—National
Privately owned corporation

JOHNSON MFG. CO., INC.

305 Industrial Park Rd., P.O. Box 1174 (72602)

Phone—(870) 741-5087
Fax—(870) 741-3798
www.jmoplastics.com
Email—hjohnson@jmoplastics.com

Pres., Fin., Pur. & R & D Mgr.—Harold Johnson
Secy-Treas.—Jean Johnson
MIS & IT Mgr.—Doug Johnson
Hum. Res. & Molding Mgr.—Kevin Singleterry
Off. Mgr.—Kay Williams
SIC—3089; *Plastic parts*
Employs—45; Estab.—1971
Sales—\$1Mil-\$5Mil
50,000 sq ft site, Distrib.—Regional
Privately owned corporation

MAGNET CO., INC.

330-4 Industrial Park Rd., P.O. Box 460 (72601)

Phone—(870) 741-2381
National—(800) 643-2381
Fax—(870) 741-6508
www.magnetcompanyonline.com
Email—sheila@magnetcompanyonline.com
Pres., CFO—Cocky Barrett
Off. Mgr.—Ruth Collins
Off. Admn.—Sheila Pavares
SIC—3499; *Key chain & lifting magnets*
Employs—3; Estab.—1971
Sales—under \$500,000
Distrib.—Regional
Privately owned corporation

MILLER HARDWARE CO.

2 E. Necessity Ave. (72601)
Phone—(870) 741-3493
Fax—(870) 741-2741
Pres.—T. M. Miller
Hum. Res. Mgr.—Rachell Bailey
Asst. Mgr.—John Reed
SIC—5072; 5031; *Wholesaler of hardware, lumber & building materials*
Employs—98; Estab.—1977
Sales—\$26Mil-\$50Mil
Distrib.—Regional
Privately owned corporation

MMP SABOTS

518 Buck Hollow Ln. (72601)
Phone—(870) 741-5019
Fax—(870) 741-3104
www.mmpsabots.com
Email—mmp@windstream.net
Pres., GM & Plt. Mgr.—Del

SIC—3482; 3089; NAICS—332992; *Plastic sabots (jackets) for covering bullets for muzzleloading firearms; Brand name—Muzzleload Magnum Products*

Employs—4; Estab.—1977
Sales—under \$500,000
Distrib.—National
Privately owned corporation

MODERN PARTS, INC.

212 E. Crandall Ave. (72601)
Phone—(870) 741-6131
Fax—(870) 741-7329

Pres.—John Walkins
SIC—3714; *Motors, starters & alternators*
Employs—12; Estab.—1965
Sales—\$500,000-\$1Mil
Distrib.—Local
Privately owned corporation

MOUNTAIN OAK PRODUCTS CO.

12545 Highway 206 W. (72601)
Phone—(870) 743-7300
Fax—(870) 743-9176

Pres., R & D Mgr.—Bob Parkhill
Shop Foreman—Cody Melhvin
SIC—2434; 2541; NAICS—337110; *Wooden kitchen cabinets*
Employs—3; Estab.—1980
Sales—under \$500,000
8,400 sq ft site, Distrib.—Regional
Privately owned sub-S corp.

NEWTON'S PROCESSING, INC.

203 N. Sycamore St. (72601)
Phone—(870) 741-2006
Pres.—Mark Newton
SIC—2011; NAICS—311611; *Meat processing*
Employs—4; Estab.—1947
Sales—under \$500,000
Distrib.—Local
Privately owned corporation

O'REILLY AUTO PARTS, INC.

Div. of O'Reilly Automotive, Inc.
1524 N. Main St. (72601)
Phone—(870) 741-5441
National—(800) 357-8432
Fax—(870) 741-7382
www.oreillyautoparts.com
Email—sajos@oreillyautoparts.com
Store Mgr.—Brad Hilker
Serv. Specialist, Retail.—Robert Bulington
SIC—5013; 5014; 5015; *Distributor of automotive parts*
Employs—11; Estab.—1982
Sales—\$1Mil-\$2.5Mil
Distrib.—Regional
Publicly owned corporation
Parent co.—O'Reilly Automotive, Inc., Springfield, MO
Phone—(417) 862-3333
See Parent Co. Section for full profile.

PACE INDUSTRIES, INC.

513 S. Highway 62-65 Bypass (72601)
Mail addr: P.O. Box 1198, Harrison (72602)
Phone—(870) 741-8255
Fax—(870) 741-4998
www.paceindustries.com
Email—pace@legaluminum.com
Pres.—Scott Conquest
Cont.—Chuck Dockery
Pers. Mgr.—James Gray
Qual. Control Mgr.—Lisa Martin
Asst. Hum. Res. Mgr.—Jeannie Henssenflow
SIC—3363; NAICS—331521; *Aluminum die castings*
Employs—500; Estab.—1971
Sales—\$25Mil-\$100Mil
500,000 sq ft site, Distrib.—Intl.

Parent co.—Pace Industries, Inc., Fayetteville, AR
Phone—(479) 443-1455
See Parent Co. Section for full profile.

PARKER ENTERPRISES

320 Highway 62-65 N. (72601)
Mail addr: P.O. Box 1777, Harrison (72602-1777)

Phone—(870) 741-9412
National—(800) 851-5011
Fax—(870) 741-9489
www.parkerems.com
Email—parkerems@windstream.net
Co-Pres.—James Ray Parker
Co-Pres. & Manager—Kathy Parker
Cust. Serv. Rep.—B. Gierman
SIC—3849; 2393; NAICS—339920; *Sporting goods bags, EMS bags, athletic bags & horse equipment*
Employs—16; Estab.—1980
Sales—\$1Mil-\$5Mil
16,000 sq ft site, Distrib.—Intl.
Sole ownership
AKA: Parker Horse Equipment

PETERSON MFG. CO., INC.

2445 Highway 7 N. (72601)
Mail addr: P.O. Box 2177, Harrison (72602)

Phone—(870) 743-3848
Fax—(870) 743-3508
Pres.—Steven Peterson
SIC—3069; 3296; NAICS—327993; *Fiberglass fabrication*
Employs—3; Estab.—1996
Sales—under \$500,000
Distrib.—Intl.
Privately owned corporation
AKA: P M C

QUALITY FABRICATORS, INC.

2305 Highway 7 N. (72601)
Phone—(870) 741-6060
Fax—(870) 741-6060
www.qqqqqq.com
Email—sales@qqqqqq.com
Pres.—James Colwell
V.P., Oper.—Josh Colwell
SIC—3444; *Sheet metal fabrication, including forming, military-specification finishing & powder coating*
Employs—8; Estab.—1973
Sales—\$1Mil
21,000 sq ft site, Distrib.—National
Privately owned sub-S corp.

QUALITY FEED GRAINS, INC.

4617 Highway 65 S. (72601)
Phone—(870) 743-3722
National—(800) 669-8406
Fax—(870) 743-9413
www.qualityfeedgrains.com
Email—qualityfeedgrains@qualityfeedgrains.com
Pres.—Brandon Olson
Sales Rep.—Kurt Delk
Bookkeeper—Ople Hinkey
SIC—2048; 2875; NAICS—325314; *Animal feed & fertilizer processing*
Employs—9; Estab.—1997
Sales—under \$500,000
Distrib.—Local
Privately owned corporation

QUALITY QUICK PRINTING

424 S. Main St. (72601)
Phone—(870) 741-6655
National—(800) 844-4657
Fax—(870) 741-6664
Email—qualityquickprinting@gmail.com
Owner—Jeff Pratt

GEOGRAPHICAL

Harrison—(cont.)

SIC—2759; NAICS—323100;
Commercial & instant printing
Employs—3; Estab.—1983
Sales—\$500,000-\$1Mil
Distrib.—Regional
Sole ownership

RIGGS TRACTOR CO., J. A.
5475 Highway 65 S. (72601-9558)
Phone—(870) 429-8700
National—(866) 743-2536
Fax—(870) 429-8710
www.jariggs.com
Email—johnr@jariggs.com
Region Mgr.—Don Langford
Cust. Serv. Rep.—Tim Hendrick
SIC—3523; 3714; *Rebuilt motors, cylinders & pumps*
Employs—6
Sales—\$500,000-\$1Mil (est)
Distrib.—Intl.
Privately owned corporation
Parent co.—Riggs Tractor Co., J. A., Little Rock, AR
Phone—(501) 570-3100
See Parent Co. Section for full profile.

ROCK-TENN CO.

329 Industrial Park Rd. (72601)
Phone—(870) 741-9401
Fax—(870) 741-7044
www.rocktenn.com
Email—info@rocktenn.com
GM—Pat Moss
Hum. Res. Generalist—Debbie Belding
SIC—2657; NAICS—322212;
Folding cartons
Employs—160; Estab.—1989
Sales—\$10Mil-\$25Mil
175,000 sq ft site, Distrib.—National
Publicly owned corporation
DBA: RockTenn
Parent co.—Rock-Tenn Co., Norcross, GA
Phone—(770) 448-2193
See Parent Co. Section for full profile.

S+PRECAST

7798 U.S. Highway 65 N. (72601)
Mail addr: 2005 Cottonwood Rd., Harrison (72601)
Phone—(870) 741-8912
Fax—(870) 743-9758
www.siprecast.com
Email—gbarrett@siprecast.com
Sales Mgr.—Greg Barrett
SIC—3272; *Precast concrete septic tanks & manhole covers*
Employs—7; Estab.—1997
Sales—\$500,000-\$1Mil
Distrib.—Regional
Privately owned corporation

S. C. SEASONING CO.

306 N. Industrial Park Rd., P.O. Box 129 (72602)
Phone—(870) 741-2848
Fax—(870) 741-4625
www.greekseasoning.com
Email—IronIdest@greekseasoning.com
Ptnr.—Lisa Cavender Price
Ptnr.—Cara Wohlgemuth
SIC—2099; *Greek food seasonings*
Employs—11; Estab.—1971
Sales—\$500,000-\$1Mil
10,000 sq ft site, Distrib.—Intl.
Privately owned corporation
AKA: Cavender's Greek Seasoning Co.

SHAMROCK AUTOMATION, INC.

320 Industrial Park Rd. (72601)
Phone—(870) 741-3841
National—(800) 458-5702
Fax—(870) 741-9656
www.shamrockautomation.com
Email—salesinfo@shamrockautomation.com

GM & MIS Mgr.—David A. Dakopoulos
Pur., Sales & Mktg. Mgr.—Monti Billau
SIC—3559; *Foundry equipment for harsh environments*
Employs—6; Estab.—1972
Sales—\$500,000-\$1Mil
14,256 sq ft site, Distrib.—Intl.
Privately owned sub-S corp.

SPECIALIZED CASE WORK, INC.

1901 Airport Rd. (72601)
Mail addr: P.O. Box 621, Harrison (72602-0621)
Phone—(870) 741-1661
www.scimillwork.com
Email—gary@scimillwork.com
Pres.—Gary Still
SIC—2434; 2431; 2541; NAICS—337110; *Custom wooden cabinets, windows, doors & millwork; Brand name—Marvin Windows and Doors; StillWood Doors*
Employs—5; Estab.—2001
Sales—over \$500,000
Distrib.—Regional
Privately owned corporation
AKA: SCI Millwork

TANKINETICS, INC.

3923 Duncan Dr. (72601)
Mail addr: P.O. Box 1195, Harrison (72602-1195)
Phone—(870) 741-3626
Fax—(870) 741-3580
www.tankinetics.com
Email—stguess@tankinetics.com
Pres.—St. Clair P. Guess III
V-P., Sales—St. Clair Guess VI
Shop Supv.—Amy Smith
SIC—3089; *American-made heavy-duty fiber-reinforced composite modular mobility containers for storage & rapid deployment of spare parts, supplies & tools for the government & military*
Employs—10; Estab.—1957
Sales—\$1Mil
2,000 sq ft site, Distrib.—National
Privately owned sub-S corp.

TOPSTITCH EMBROIDERY

103 Cottonwood Rd. (72601)
Phone—(870) 741-0090
www.topstitchoharrison.com
Email—topstitch@windstream.net
Ptnr.—Winda Adams
Ptnr.—Pat Bailey
SIC—2395; 2396; *Custom embroidery & screen printing*
Employs—5
Sales—under \$500,000 (est)
5,000 sq ft site, Distrib.—Regional
Privately owned partnership

TRG HARRISON, LLC

Div. of Tenenbaum Recycling Group, LLC
316 W. Industrial Park Rd. (72601)
Phone—(870) 741-8080
Fax—(870) 741-5131
www.trg.net
Email—info@trg.net
GM—Don Hawkins
SIC—5093; *Wholesaler of industrial & commercial recycled paper & plastic & metal scrap materials*
Employs—26; Estab.—2006
Distrib.—Intl.
Limited Liability Company
Parent co.—Tenenbaum Recycling Group, LLC, North Little Rock, AR
Phone—(501) 945-0881
See Parent Co. Section for full profile.

TROPHY SHOP

676 Bunker Rd. (72601)
Phone—(870) 741-4353
National—(866) 741-4353

Fax—(870) 743-2015
Email—lhetrophysshop@cox.net
Ptnr.—Mike Gotcher
Ptnr.—Gayla Gotcher
SIC—3479; *Trophies & plaques engraving*
Employs—2; Estab.—1986
Sales—under \$500,000
Distrib.—Local
Privately owned partnership

T-SHIRT TECHNIQUES, INC.

207 W. Rush Ave. (72601)
Phone—(870) 741-3579
National—(800) 359-7937
Fax—(870) 741-6380
www.t-shirttechniques.com
Email—lshirtech@windstream.net
Pres., GM & Off. Mgr.—Virginia Buckhout
SIC—2396; 2395; 3499; *T-shirt screen printing, embroidery, trophies & awards*
Employs—5; Estab.—1985
Sales—under \$500,000
Distrib.—National
Privately owned corporation

WABASH WOOD PRODUCTS, INC.

Div. of Wabash National Corp.
339 Industrial Park Rd. (72601)
Mail addr: P.O. Box 597, Harrison (72602-0597)
Phone—(870) 741-6644
National—(855) 402-0875
Fax—(870) 741-7033
www.wabashnational.com
Email—darlene.garrison@wabashnational.com
Pit. Mgr.—Eddie Bartlett
Oper. Mgr.—Brad Fountain
Hum. Res. Mgr.—Darlene Garrison
Fin. Mgr.—Becky Cunagin
SIC—2426; *Laminated hardwood trailer flooring*
Employs—300; Estab.—1998
Sales—\$25Mil-\$40Mil
135,000 sq ft site, Distrib.—National
Publicly owned corporation
Parent co.—Wabash National Corp., Lafayette, IN
Phone—(765) 771-5300
See Parent Co. Section for full profile.

WRIGHT STEEL & MACHINE

402 Industrial Park Rd., P.O. Box 1176 (72601)
Phone—(870) 741-9103
National—(800) 814-7291
Fax—(870) 741-1716
www.wrightsteelinc.com
Pres., Oper. Mgr.—Wes Wright
Secy-Treas.—Steve Wright
Off. Mgr.—Jeff Evans
SIC—3599; *General machining job shop*
Employs—13; Estab.—1985
20,000 sq ft site, Distrib.—Regional
Privately owned corporation

Hartford

(Sebastian—N.W.)

POTEAU MOUNTAIN SHAVINGS

6714 W. Harmony Rd. (72938)
Phone—(479) 639-2750
Fax—(479) 639-2750
Email—kathy_bkt@yahoo.com
Owner—Katherine Thompson
SIC—2499; *Poultry house bedding, wood shavings & rice hulls*
Employs—2; Estab.—1999
Sales—under \$500,000 (est)
Distrib.—Local
Sole ownership

SHAWN SEBASTIAN, LLC

6451 Happy Valley Rd., P.O. Box 312 (72938)
Phone—(479) 639-2291
Fax—(479) 639-2518
Admn. Mgr.—Susie Sparkman
SIC—1231; NAICS—212113; *Coal mining*
Employs—7; Estab.—2010
Sales—\$500,000-\$1Mil
Distrib.—National
Limited Liability Company

Hartman

(Johnson—N.W.)

PARKER'S AUTOMOTIVE MACHINE

136 N. Parker Ln. (72840)
Phone—(479) 497-1708
Pres.—Jerry Parker
SIC—3519; *Rebuilt automotive engines*
Employs—1; Estab.—1976
Sales—under \$500,000
Distrib.—Local
Sole ownership

Harvey

(Scott—N.W.)

FARM LOGGING

1591 Mulberry Rd. (72841)
Phone—(479) 299-4611
Owner—Eddie Austin
SIC—2411; *Logging*
Employs—2
Sales—under \$500,000 (est)

Hatfield

(Polk—S.W.)

5 STAR EQUINE PRODUCTS & SUPPLIES, INC.

4589 Highway 71 S. (71945)
Phone—(870) 389-6328
Fax—(870) 389-6329
www.5starequineproducts.com
Email—info@5starequine.com
Pres.—Terry Moore
V-P.—Julia Moore
SIC—3199; 2231; NAICS—316999; *Contoured felt & leather saddle pads, mohair cinches & contoured blankets; Brand name—5 Star Equine Products*
Employs—4; Estab.—1998
Sales—\$1.2Mil
4,000 sq ft site, Distrib.—Intl.
Privately owned sub-S corp.

BIOPHARM, INC.

187 Tilley Rd. (71945-9724)
Phone—(870) 389-6114
National—(800) 443-8465
Fax—(870) 389-6604
www.bphchem.com
Email—support@bphchem.com
Pres., CFO—Bill E. Tilley
V-P., MIS—Amy Tilley
Off. Mgr.—Jane Miner
SIC—2899; *Water testing solutions*
Employs—4; Estab.—1977
Sales—under \$500,000
9,200 sq ft site, Distrib.—National
Privately owned corporation

HATFIELD LUMBER CO.

139 Polk Road 29, P.O. Box 209 (71945)
Phone—(870) 389-6186
Fax—(870) 389-6179
Pres.—Buddy Bean
SIC—2491; NAICS—321114; *Lumber treating*
Employs—70; Estab.—1978
Distrib.—Regional
Privately owned corporation

APPENDIX D
NON-RESIDENTIAL WASTEWATER USER SURVEY



Department of Public Works

Pretreatment Department
 Tim Holt
 Pretreatment Coordinator
 1508 Silver Valley Road
 Harrison, Arkansas 72601
 Office: 870.741.4426
 Fax: 870.741.5022
 www.cityofharrison.com
 tim.holt@cityofharrison.com

Industrial Wastewater Screening Form

Part I - Industry Information

Business Name: _____
 Business Location: _____
 Business Mailing Address: _____
 Contact Person Name: _____
 Title: _____
 Telephone Number: _____
 Business Hours _____ Business Days: Mon. Tues. Wed. Thurs. Fri. Sat. Sun
 Number of Employees: _____
 Water Works Account Number(s): _____
 (Include all Active Account Number(s))

Part II - Wastewater Characteristics

Type of Business: _____
 Process(s) Performed: _____
 Products Manufactured: _____
 SIC Code: _____
 NAICS Code: _____
 Gallons of water used per month: _____

Please check all sources of wastewater discharged from you facility to the sanitary sewer.

Type of Wastewater	Estimate Percent of Total Discharge	Type of Wastewater	Estimate Percent of Total Discharge
Bathrooms/Domestic		Laundry	
Kitchen/Restaurant		Metal Working	
Floor Cleaning		Plating Baths	
Tank Wastes		Equipment Cleaning	
HV AC/Boiler Discharges		Pretreatment System	
Vehicle Maintenance Wash		Machine Coolants	
Waste Product Disposal		Other Non-domestic Sources	

PO Box 1715
 Harrison, AR 72602

Phone: (870) 741-4426
 Fax: (870) 741-5022

Part 11- Continued

Indicate all materials listed below that have a potential for sanitary sewer discharge in some form at your facility. Many of these will be listed on Material Safety Data Sheets. **Please include a copy of MSDS for all chemicals used.**

Yes	No		Yes	No		Yes	No	
		Gasoline			Whole Blood			Lime Slurries
		Xylene			Fleshings			Lime Residues
		Tolulene			Entrails			Sodium Chloride
		Diesel			Paper (Non-Domestic)			Sodium Sulfate
		Benzene			Styrofoam			Radioactive Wastes
		Naptha			Plastic Containers			Radioactive Isotopes
		Sulfides			BOD			Storm Water
		Kerosene			COD			Surface Water
		Ethers			Temperature > 140° F			Ground Water
		Alcohols			Medical Wastes			Roof Runoff
		Swimming Pool Drainage			Non- Biodegradable Cutting Oils			Non-Contact Cooling Water
		Aldehydes			Noxious Gasses			Subsurface Drainage
		Peroxides			Toxic Solids			Ketones
		Chlorates			Poisonous Solids			Condensate
		Perchlorates			Toxic Gases			De-Ionized Water
		Bromates			Poisonous Gases			Artesian Well Water
		Carbides			Toxic Liquids			Unpolluted Water
		Hydrides			Poisonous Liquids			Sludges
		Wood			Noxious Liquids			Screenings
		Closed Cup Flash Point < 140° F			Hauled or Trucked Liquid Waste			Corrosive Characteristics
		LEL > 10%			Noxious Solids			Detergents
		pH > 12.0 s.U.			Malodorous Liquids			Surfactants
		pH < 5.0 s.U			Malodorous Gases			Mineral Oils
		Ashes			Malodorous Solids			Cooking Oils
		Cinders			Dye Wastes			Petroleum Oil
		Sand			Vegetable Tanning			Fuel Oils
		Plastic			Colored Solutions			Pretreatment Residue
		Ground Garbage			Inert Suspended Solids			Silver Waste
		Un-Ground Garbage			Fuller Earth			Mercury Waste

What is being done concerning pollution prevention? _____

Part 111- RCRA Notification for Hazardous Waste Disposed to the Sanitary Sewer

The USEPA regulations require that local control authorities notify users that there are identification and disposal requirements for hazardous waste. 40 CFR 403.12(p)(1)-(4) States "All users shall notify the POTW of any discharges into the POTW of a Substance, which, if otherwise disposed of, would be a hazardous waste under 40 CFR part 261". All users shall dispose of any sludge or spent chemicals in accordance with Section 405 of the Clean Water Act and Subtitles C and D of the Resource Conservation and Recovery Act. For further instruction on hazardous waste identification and disposal contact the Arkansas Department of Environmental Quality (ADEQ) Hazardous Waste Division at 682-0833. 0 Yes 0 No
 Hazardous Waste Discharge to Sanitary Sewer

Part IV - Certification Statement

40 CFR 403.12 requires that this report be signed by a Chief Executive Officer of at least the level of Vice President, a general Partner or Proprietor, or a Duly-Authorized Representative.

"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. [am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations",

Signed: _____

Printed Name and Title: _____

Date: _____

APPENDIX E

- 1) Attorney's Opinion dated August 24th, 2012
- 2) Attorney's Opinion Regarding Monetary Penalties
- 3) Resolution of Harrison City Council Supporting Implementation of Pretreatment Program
- 4) City of Harrison Municipal Code
Ordinance No. 1352, Enacted with an Effective Date of 6 December, 2012
- 5) City of Harrison Fats, Oils and Grease Program
Ordinance No. 1351, Enacted with an Effective Date of 6 December, 2012

CITY OF HARRISON
Office of the City Attorney
324 West Ridge Avenue
Harrison, Arkansas 72601-4212



Telephone: (870) 741-4490
Facsimile: (870) 741-7040
Email: youneslawfirm@windstream.net

Van Thomas Younes
City Attorney

Sarabeth Younes
Assistant to Attorney

August 24, 2012

Arkansas Department of Pollution
Control and Ecology
8001 National Drive
Post Office Box 8913
Little Rock, Arkansas 72219-8913

RE: Harrison Pretreatment Program NPDES No. AR0034321

Dear Director:

Pursuant to 40 CFR 403.9(b)(1) regarding the legal authority of the City of Harrison, Arkansas, to carry out its Industrial Pretreatment Program, the following information is submitted:

In my opinion, the City has the authority to own, acquire, equip, construct, operate, manage and control a sewer works under the authority of ARK. CODE ANN. Section 14-235-101 - Section 14-235-305.

By the terms of Ark. CODE ANN. Section 14-235-203, the powers conferred to cities in Arkansas under the foregoing sections, being necessary for the public health, safety and welfare are to be liberally construed to effectuate the purposes thereof. The City has, under the authority of ARK. CODE ANN. Section 14-55-102, the power to make and publish ordinances as shall be necessary to provide for the safety and preserve the health of the inhabitants of the City. The statutes of Arkansas collectively enable the City to regulate the publicly-owned treatment works.

Once the Arkansas Department of Pollution Control and Ecology approves the program, the Harrison City Council shall consider an ordinance dealing with the specific requirements of 40 CFR 403.8(f)(1) (i-vii). A copy of Harrison Ordinance No. 1352 is included as EXHIBIT to the Harrison Industrial Pretreatment document. The specific correlations of the sections of this ordinance with the requirements of 40 CFR 403.8(f)(1) (i-vii) will be as follows:

1. 40 CFR 403.8(f)(1)(i)-Deny or condition new or increased contributions of pollutants, or changes in the nature thereof, when such contributions will exceed pretreatment standards or would cause violation of the POTW's NPDES permit.

Section 10.08.01 of the proposed Harrison Municipal Code sets forth the general purpose and policies of the ordinance. Section 10.08.03 sets forth definitions of terms used, and Section 10.08.04 sets forth abbreviations used throughout the ordinance. Section 10.08.06 would prohibit the introduction of pollutants into the POTW which would cause pass-through or interference with the operation or performance of the POTW. Subsections AL through Q of Section 10.08.06 (1) would define in detail the nature, kind, quantity or quality of materials prohibited to be introduced into the POTW. Section 10.08.06 (5) would reserve the right of the City of Harrison to establish, by ordinance or in wastewater discharge permits, more stringent standards or requirements (than those set forth in the proposed Ordinance of Harrison Municipal Code), if deemed necessary to comply with the objectives set forth by Section 10.08.01--correct any interference with the POTW. Section 10.08.08 (8) would empower the Director of Public Works to deny any application for wastewater discharge permit where the requested discharge would violate any pretreatment standard, adversely affect the operation of the POTW or cause the POTW to violate its NPDES permit. Proposed Section 10.08.09 (2) provides that wastewater discharge permits shall include such conditions as are deemed necessary by the Director of Public Works to prevent a violation of the POTW's NPDES permit. Section 10.08.10 (5) would provide that Industrial Users are required to notify the Director of Public Works of any planned significant changes to the Industrial User's operations or system which might alter the nature, quality or volume of its wastewater at least thirty (30) days before the change. Section 10.08.13 (7) would authorize the City of Harrison to suspend a User's discharge of wastewater that threatens to interfere with the operation of the POTW or may present an endangerment to the environment. Proposed Section 10.08.08 (2) would prohibit all Significant Industrial Users from discharging wastewater into the POTW without first obtaining a wastewater discharge permit.

Thus, the City may deny any permit application not meeting applicable pretreatment standards; has the authority to require reporting of any intended discharge of new or increased pollutants into the system; may prohibit the introduction of any harmful substance or any substance not meeting pretreatment standards into the POTW; may prohibit the introduction of any substance which would cause a violation of the NPDES permit; and, may through its Director of Public Works, develop acceptable limitations for effluent to be introduced into the POTW.

2. 40 CFR 403.8(f)(ii)-Requires Industrial Users to comply with applicable Pretreatment Standards and Requirements.

Proposed Section 10.08.06 of the Harrison Municipal Code prohibits the introduction of pollutants into the POTW which would cause pass-through or interference with the operation or performance of the POTW. Section 10.08.06 (2) would provide that no Industrial User shall introduce any substance of a concentration in excess of that prohibited in the National Categorical Pretreatment Standards. Section 10.08.06 (4) would provide that in the event that National or State categorical pretreatment standards shall at any time become more stringent than the prohibitions stated (in the Harrison Municipal Code), the most stringent shall apply. Section 10.08.06 (5) would reserve the right of the City of Harrison to establish, by ordinance or in wastewater discharge permits, more stringent standards or requirements (than those set forth in the Ordinances of the Harrison Municipal Code), if deemed necessary to comply with the objectives set forth by Proposed Section 10.08.01—correct any interference with the POTW.

Thus, the City may require Industrial Users to comply with applicable Pretreatment Standards.

3. 40 CFR 403.8(f)(1)(iii) - Control the contribution to the POTW by each Industrial User by permit or other means to ensure compliance with applicable Pretreatment Standards and Requirements. Such permits must contain, at a minimum:

- A. Statement of duration;
- B. Statement of non-transferability;
- C. Effluent limits based on applicable pretreatment standard, categorical pretreatment standard, local limit, and State and local law;
- D. Self-monitoring, sampling, reporting, notification and record keeping requirements, including an identification of the pollutants to be monitored, sampling location, sampling frequency and sample type, based on applicable general pretreatment standards, categorical pretreatment standards, local limits, and State and local law;
- E. Statement of applicable civil and criminal penalties for violation of Pretreatment Standards and Requirements, and any applicable compliance schedule. Such schedules may not extend the compliance date beyond applicable Federal deadlines.

Proposed Section 10.08.08 (2) of the Harrison Municipal Code prohibits Significant Industrial Users from discharging wastewater into the Harrison POTW without first obtaining a wastewater discharge permit from the Public Works Director. Section 10.08.07 (5) (A) would provide that the City of Harrison may require other Industrial Users, including liquid waste haulers, to obtain wastewater discharge permits as necessary to carry out the purposes of the Harrison Municipal Code. Section 10.08.09 (1) would provide that wastewater discharge permits shall be issued for a specified time, not to exceed five (5) years. Section 10.08.09 (5) would provide that wastewater discharge permits shall contain a statement that the wastewater discharge permit is non-transferable without prior notification to and approval from the City of Harrison. Section 10.08.09 (2)(A)(3) would provide that wastewater discharge permits shall contain effluent limits applicable to the Industrial User based on applicable standards in Federal, State and local law. Section 10.08.09 (2)(A)(4) would provide that wastewater discharge permits shall contain self-monitoring, sampling, reporting, notification and record keeping requirements. These requirements shall include an identification of the pollutants to be monitored, sampling location, sampling frequency, and sample type based on Federal, State and local law. Section 10.08.09 (5) would provide that wastewater discharge permits shall contain statement of applicability of civil, criminal and administrative penalties for violation of Pretreatment Standards and Requirements and any applicable compliance schedule. Such schedule may not extend the time for compliance beyond that required by applicable Federal, State or local law.

Thus, the City may control by permit instrument the contribution to the POTW by each Industrial User to ensure compliance with applicable Pretreatment Standards and Requirements.

4. 40 CFR 403.8(f)(1)(iv)-Require Industrial Users to develop compliance schedules for installation of technology necessary to meet pretreatment standards and to submit notices and self-monitoring reports to the POTW to assess compliance measures.

Proposed Section 10.08.10(1)(B)(7) of the Harrison Municipal Code provides that Industrial Users shall, if additional pretreatment or O&M will be required to meet the pretreatment standards, submit a

Compliance Schedule showing completion of pretreatment or O&M not later than the compliance date established for the applicable pretreatment standard. Section 10.08.10(4)(A) would provide that any Significant Industrial User subject to a pretreatment standard shall, at a frequency determined by the Director of Public Works but in no case less than twice per year, submit a report indicating the nature and concentration of pollutants in their discharge which are limited by such Pretreatment Standards and the measured or estimated average and maximum daily flows for the reporting period. Thus, the City may require Industrial Users to develop compliance schedules and submit notices and self-monitoring reports to the POTW to assess compliance measures.

5. 40 CFR 403.8(f)(1)(v) - Carry out all inspection, surveillance and monitoring procedures necessary to evaluate compliance with applicable Pretreatment Standards and Requirements by Industrial Users.

Proposed Section 10.08.11 of the Harrison Municipal Code provides that the City of Harrison shall have the right to enter the facilities of any Industrial User to ascertain whether the purpose of the Municipal Code and any permit or order issued thereunder is being met and whether the Industrial User is complying

with all requirements thereof. Section 10.08.11 would also provide that Industrial Users shall allow the Director of Public Works or his representative's ready access to all parts of the premises for the purposes of inspection, sampling, records examination and copying, and the performance of any additional duties.

Section 10.08.11(D)(C) would provide that the City of Harrison may require the Industrial User to install monitoring equipment as necessary. Section 10.08.11(1)(B) would provide that City of Harrison, the State and EPA shall have the right to set up on the Industrial User's property, or require installation of, such devices as are necessary to conduct sampling or metering of the Industrial User's operations. Section 10.08.11(1)(E) would provide that unreasonable delays in allowing City personnel access to the Industrial User's premises shall be a violation of the Harrison Municipal Code.

Thus, the City may carry out all inspection, surveillance and monitoring procedures necessary to evaluate compliance with applicable Pretreatment Standards and Requirements by Industrial Users.

6. 40 CFR 403.8(f)(vi)-Obtain remedies for noncompliance by any Industrial User with any Pretreatment Standard and Requirement, including injunctive relief and to have the authority to seek or assess civil or criminal penalties in at least the amount of \$1,000 a day for each violation by Industrial Users of Pretreatment Standards and Requirements, and to immediately and effectively halt or prevent any discharge of pollutants to the POTW which appears to present an imminent endangerment to the health or welfare of persons or may present an endangerment to the environment or which threatens to interfere with the operation of the POTW.

Proposed Section 10.08.15(1) of the Harrison Municipal Code provides that whenever a User has violated a Pretreatment Standard or Requirement or continues to violate the provisions of this ordinance, wastewater discharge permits or orders issued thereunder, or any other pretreatment requirement, the City of Harrison may petition a Court of competent jurisdiction for the issuance of a temporary or permanent injunction, as appropriate, which restrains or compels the specific performance of the wastewater discharge permit, order, or other requirement imposed by the Harrison Municipal Code on activities of the User. Section 10.08.15(2) would provide for Civil Penalties up to \$1,000 per violation per day. Section 11.3 would provide for Criminal Prosecution with fines up to \$1,000 per violation per day. Act 804 of the 1991, 78th General Assembly of the State of Arkansas amended Section 8-4-103 of the Arkansas Code to allow Governmental Entities operating publicly owned wastewater treatment works the authority to collect civil or criminal penalties up to the amount of \$1,000 per day for violations by Industrial Users. Section 10.08.14(6) would provide for immediate suspension of a user's discharge which reasonably

appears to present an endangerment to the health or welfare of persons. Section 10.08.14(6) would also provide for immediate suspension of a User's discharge, after verbal notice, that threatens to interfere with the operation of the POTW, or which presents or may present an endangerment to the environment.

Thus, the City may obtain remedies for violations; including injunctive relief and to seek civil or criminal penalties up to \$1,000 per violation per day and may immediately suspend a User's discharge if it presents an endangerment to persons, the environment, or operation of the POTW.

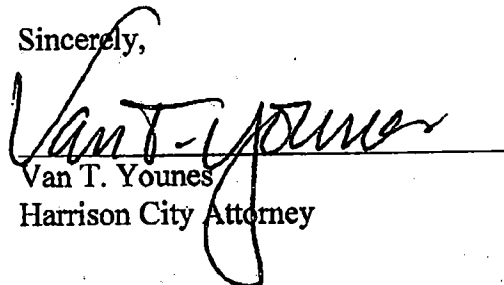
7. 40 CFR 403.8 (f)(1)(vii) - Provide confidentiality where necessary to protect Industrial User's confidential business information.

Proposed Section 10.08.12 of the Harrison Municipal Code provides that when the Industrial User specifically requests, and is able to demonstrate that the release of such information would divulge information, processes or methods of production entitled to protection as trade secrets under applicable law, the City of Harrison shall not make available for inspection by the public, but shall be made available immediately upon request to governmental agencies for uses related to the NPDES or pretreatment program, and in enforcement proceedings involving the person furnishing the report.

Thus, the City may provide confidentiality where necessary to protect Industrial User's confidential business information.

The City of Harrison has no inter-jurisdictional agreements for providing wastewater services to neighboring jurisdictions or Significant Industrial Users located beyond the Harrison City limits. Proposed Section 10.08.08(5) of the Harrison Municipal Code provides that Significant Industrial Users located beyond the Harrison City limits shall apply for wastewater discharge permits, as those located within the Harrison City Limits, and that the City of Harrison may enter into an agreement with a neighboring jurisdiction in which the Significant Industrial User is located to provide for the implementation and enforcement of pretreatment program requirements against said Industrial User. Industrial Wastewater Discharge Permits issued to Significant Industrial Users located beyond the Harrison City limits shall include an agreement by and between the permitted industry and the City of Harrison for the enforcement of applicable Pretreatment Standards and Requirements.

Sincerely,



Van T. Younes
Harrison City Attorney

RESOLUTION NO. 1181

**A RESOLUTION ENDORSING THE CONTINUED
IMPLEMENTATION OF A WASTEWATER
PRETREATMENT PROGRAM FOR THE PUBLICLY-
OWNED TREATMENT WORKS (POTW) OF HARRISON,
ARKANSAS**

WHEREAS, the City of Harrison has the duty and desire to protect the public health, safety and welfare; and

WHEREAS, the City of Harrison has the authority to implement uniform requirements for dischargers into the POTW in accordance with all applicable State and Federal laws relating thereto; and

WHEREAS, the City of Harrison determines the need to prevent the introduction of pollutants into the POTW which will interfere with the operation and maintenance of the POTW; and

WHEREAS, the City of Harrison determines the need to prevent the introduction of pollutants into the POTW which will pass through the POTW, inadequately treated into the receiving waters or the atmosphere or otherwise be incompatible with the POTW; and

WHEREAS, the City of Harrison desires to improve the opportunity to treat the wastewaters from the POTW; and

WHEREAS, the City of Harrison desires to provide for equitable distribution among users of the cost of the POTW;

WHEREAS, the City of Harrison City Council previously endorsed the implementation of a Wastewater Pretreatment Program (Resolution No. 974 dated August 3, 1998); and

NOW THEREFORE, BE IT RESOLVED, that the City of Harrison endorses the continued implementation of a Wastewater Pretreatment Program in accordance with all applicable State and Federal laws required by the Federal Water Pollution Control Act (FWPCA, P.L. 92-500), as amended by the Clean Water Act of 1977 (P.L. 95-217), and the General Pretreatment Regulations (40 CFR, Part 403).

ADOPTED this 26th day of January, 2017

CITY OF HARRISON, ARKANSAS

BY: 
DANIEL D. SHERRELL, MAYOR

ATTEST:


JEFF PRATT, CITY CLERK

A RESOLUTION ENDORSING THE IMPLEMENTATION OF A WASTEWATER
PRETREATMENT PROGRAM FOR THE PUBLICLY-OWNED TREATMENT WORKS
(POTW) OF HARRISON, ARKANSAS

WHEREAS, the City of Harrison has the duty and desire to protect the public health, safety and welfare; and

WHEREAS, the City of Harrison has the authority to implement uniform requirements for dischargers into the POTW in accordance with all applicable State and Federal laws relating thereto; and

WHEREAS, the City of Harrison determines the need to prevent the introduction of pollutants into the POTW which will interfere with the operation and maintenance of the POTW; and

WHEREAS, the City of Harrison determines the need to prevent the introduction of pollutants into the POTW which will pass through the POTW, inadequately treated into the receiving waters or the atmosphere or otherwise be incompatible with the POTW; and

WHEREAS, the City of Harrison desires to improve the opportunity to treat the wastewaters from the POTW; and

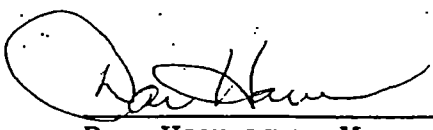
~~WHEREAS, the City of Harrison desires to provide for equitable distribution among users of the cost of the Publicly-Owned Pretreatment Works;~~

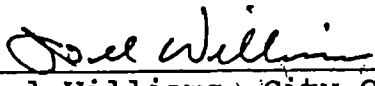
NOW THEREFORE, BE IT RESOLVED that the City of Harrison endorses the implementation of a Wastewater Pretreatment Program in accordance with all applicable State and Federal laws required by the Federal Water Pollution Control Act (FWPCA, P. L. 92-500), as amended by the Clean Water Act of 1977, P. L. 95-217, and the General Pretreatment Regulations (40 CFR, Part 403).

Dated this 3 day of August, 1998, by the Harrison City Council by the following voice vote:

8 Ayes 0 Nays

Attest:


Dan Harness, Mayor
City of Harrison, Arkansas


Joel Williams, City Clerk

(SEAL)

ORDINANCE NO. 1352

By LS D.C.

AN ORDINANCE AMENDING CHAPTER 10.08 OF THE HARRISON MUNICIPAL CODE CONCERNING THE USE OF PUBLIC AND PRIVATE SEWERS, PRIVATE SEWAGE DISPOSAL, THE INSTALLATION, CONSTRUCTION, MAINTENANCE AND CONNECTION OF BUILDING SEWERS; THE DISCHARGE OF WATERS AND WASTES INTO THE PUBLIC SEWER SYSTEM; PROVIDING PENALTIES FOR THE VIOLATION THEREOF; REPEALING ALL ORDINANCES IN CONFLICT THEREWITH; AND FOR OTHER PURPOSES, ALL PERTAINING TO THE SEWER SYSTEM WITHIN THE JURISDICTION OF THE CITY OF HARRISON, ARKANSAS, AND DECLARING AN EMERGENCY

WHEREAS, it is in the best interest and safety of Harrison citizens that regulations for the use of sewer facilities in the City of Harrison, Arkansas, be updated to comply with state and federal standards.

NOW THEREFORE, BE IT ORDAINED by the City Council of Harrison, Arkansas, that Harrison City Code Chapter 10.08 be replaced/amended; that the Council adopts the attached "Sewer Use - Pretreatment Regulations" which are made a part hereof by reference; that three (3) copies of said regulations will be maintained in the office of the Harrison City Clerk in the Harrison City Hall for reference and public access.

EMERGENCY CLAUSE. This Ordinance being found necessary for the immediate benefit and well-being for the City of Harrison and its citizens, an emergency is declared to exist and this Ordinance shall be in full force and effect from and after its passage, approval and publication.

PASSED AND ADOPTED THIS 6th DAY OF December, 2011.

ATTEST:


JEFF PRATT, CITY CLERK

CITY OF HARRISON, ARKANSAS


JEFF CROCKETT, MAYOR

ORDINANCE NO 1352

AN ORDINANCE AMENDING CHAPTER 10.08 OF THE HARRISON MUNICIPAL CODE CONCERNING THE USE OF PUBLIC AND PRIVATE SEWERS, PRIVATE SEWAGE DISPOSAL, THE INSTALLATION, CONSTRUCTION, MAINTENANCE AND CONNECTION OF BUILDING SEWERS; THE DISCHARGE OF WATERS AND WASTES INTO THE PUBLIC SEWER SYSTEM; PROVIDING PENALTIES FOR THE VIOLATION THEREOF; REPEALING ALL ORDINANCES IN CONFLICT THEREWITH; AND FOR OTHER PURPOSES, ALL PERTAINING TO THE SEWER SYSTEM WITHIN THE JURISDICTION OF THE CITY OF HARRISON, ARKANSAS.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HARRISON, ARKANSAS:

SECTION 1. That Chapter 10.08—Use of Sewer of the Harrison Municipal Code is hereby amended to read as follows:

10.08.00—SHORT TITLE

This Ordinance shall be known as the “Sewer Use—Pretreatment Ordinance.”

Sections:

- | | |
|----------|--|
| 10.08.01 | Purpose and Policy |
| 10.08.02 | Administration |
| 10.08.03 | Definitions |
| 10.08.04 | Abbreviations |
| 10.08.05 | General Sewer Use Requirements |
| 10.08.06 | Regulation of Discharges |
| 10.08.07 | Pretreatment of Wastewater |
| 10.08.08 | Wastewater Discharge Permit Eligibility |
| 10.08.09 | Wastewater Discharge Permit Issuance Process |
| 10.08.10 | Reporting Requirements |
| 10.08.11 | Compliance Monitoring |
| 10.08.12 | Confidential Information |
| 10.08.13 | Publication of Industrial Users in Significant Noncompliance |
| 10.08.14 | Administrative Enforcement Remedies |
| 10.08.15 | Judicial Enforcement Remedies |
| 10.08.16 | Supplemental Enforcement Action |
| 10.08.17 | Affirmative Defenses to Discharge Violations |
| 10.08.18 | Surcharge Costs |
| 10.08.19 | Miscellaneous Provisions |

10.08.01—PURPOSE AND POLICY

This ordinance sets forth uniform requirements for users of the wastewater collection and Publicly-Owned Treatment Works (POTW) for the City of Harrison, Arkansas (the City) and enables the City to comply with all applicable State and Federal laws including the Clean Water Act (33 U.S.C. 1251 et seq.), and the General Pretreatment Regulations (40 CFR Part 403). The objectives of this ordinance are:

- (1) To prevent the introduction of pollutants into the POTW that will interfere with the operation of the POTW.
- (2) To prevent the introduction of pollutants into the POTW which will pass through the POTW, inadequately treated, into receiving waters or otherwise be incompatible with the POTW.
- (3) To ensure that the quality of the wastewater treatment plant sludge is maintained at a level which allows its use and disposal in compliance with applicable statutes and regulations.
- (4) To protect POTW personnel who may be affected by wastewater and sludge in the course of their employment and to protect the general public.
- (5) To improve the opportunity to recycle and reclaim wastewater and sludge from the POTW.
- (6) To provide for fees for the equitable distribution of the cost of operation, maintenance and improvement of the POTW.
- (7) To enable the City to comply with its NPDES permit conditions, sludge use and disposal requirements and any other Federal or State laws to which the POTW is subject.
- (8) To encourage Pollution Prevention activities through waste minimization, source reduction, water and energy conservation.

This ordinance shall apply to all industrial users of the POTW. The ordinance authorizes the issuance of wastewater discharge permits; authorizes monitoring, compliance and enforcement activities; establishes administrative review procedures; requires industrial user reporting; and provides for the setting of fees for the equitable distribution of costs resulting from the program established herein.

10.08.02—ADMINISTRATION

- (1) The City Council shall establish such fees for sewer service and connection as are necessary to properly maintain and operate the POTW. The City Council shall, in compliance with Arkansas Code of 1987 Annotated, including 1995 supplement Volume 6A, 8-4-103 (g) et seq., authorize any judicial enforcement remedy taken by the City of Harrison against any industrial user in violation of the Harrison Municipal Code.
- (2) Except as otherwise provided herein, the Director of Public Works of the City of Harrison shall administer, implement and enforce the provisions of this ordinance. Any powers granted to or duties imposed upon the Director of Public Works may be delegated by the Director of Public Works to other City of Harrison personnel.

10.08.03—DEFINITIONS

Unless a provision explicitly states otherwise, the following terms and phrases, as used in this ordinance, shall have the meaning hereinafter designated.

- (1) Accessible Public Sewer. Shall mean an existing public sewer located so that it may be reached either by a building sewer constructed at the minimum grade recommended by the Arkansas Department of Health, or by a combination of the extension of the existing public sewer and the construction of a building sewer, both of which are constructed at the minimum grade recommended by the Arkansas Department of Health.
- (2) Act or "the Act." The Federal Water Pollution Control Act, also known as the Clean Water Act, as amended, 33 U.S.C. 1251 et seq.
- (3) Approval Authority. Currently the Arkansas Department of Environmental Quality (ADEQ).
- (4) Authorized Representative of the Industrial User
 - (A) If the industrial user is a corporation, authorized representative shall mean:
 - 1) The president, secretary, treasurer, or a vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation;
 - 2) The manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make

management decisions that 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 individual wastewater discharge permit requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

- (B) If the industrial user is a partnership, or sole proprietorship, an authorized representative shall mean a general partner or proprietor, respectively.
 - (C) If the industrial user is a Federal, State or local government facility, an authorized representative shall mean a director or highest official appointed or designated to oversee the operation and performance of the activities of the government facility, or his/her designee.
 - (D) The "Authorized Representatives" described above may designate another authorized representative if the authorization is in writing, the authorization specifies the individual or position responsible for the overall operation of the facility from which the discharge originates or having overall responsibility for environmental matters for the company, and the written authorization is submitted to the Director of Public Works.
- (5) Best Management Practices or BMPs means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to implement the prohibitions listed in Section 2.1 A and B [40 CFR 403.5(a)(1) and (b)]. BMPs include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw materials storage. BMPs also include alternative means (i.e., management plans) of complying with, or in place of certain established categorical Pretreatment Standards and effluent limits.
- (6) Biochemical Oxygen Demand (BOD₅). The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure, five (5) days at 20° centigrade expressed in terms of mass and concentration [milligrams per liter (mg/l)].
- (7) Building Drain. Shall mean that part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes

inside the walls of the building and conveys it to the building sewer, beginning five (5) feet outside the inner face of the building wall.

- (8) Building Sewer. Shall mean the extension from the building drain to the public sewer or other places of disposal.
- (9) Categorical Pretreatment Standard or Categorical Standard. Any regulation containing pollutant discharge limits promulgated by the U.S. EPA in accordance with Sections 307 (b) and (c) of the Act (33 U.S.C. 1317) which apply to a specific category of industrial users and which appear in 40 CFR Chapter I, Subchapter N, Parts 405-471.
- (10) City. The City of Harrison, County of Boone, in the State of Arkansas or the City Council of the City of Harrison.
- (11) Chemical Oxygen Demand or COD. A measure of the oxygen required to oxidize all compounds, both organic and inorganic, in water.
- (12) Collector Building Sewer. Shall mean a sewer or private property, privately maintained, which serves more than one building sewer. Collector building sewers shall be constructed with manholes at grade changes, changes in alignment and at termini, and with pipe having a diameter of at least six (6) inches, and such sewers shall be located outside building walls and footings.
- (13) Color. The optical density at the visual wave length of maximum absorption, relative to distilled water. One hundred percent (100%) transmittance is equivalent to zero (0.0) optical density.
- (14) Combined Sewer. Shall mean a sewer receiving both surface runoff and sewage.
- (15) Composite Sample. The sample resulting from the combination of individual wastewater samples taken at selected intervals based on an increment of either flow or time.
- (16) Control Authority. The term "Control Authority" shall mean the Director of Public Works of the City of Harrison and who is charged with certain duties and responsibilities by this ordinance, or his duly appointed or authorized representative.

- (17) Control Manhole or Control Point. Shall mean a point of access to a building sewer mixes with other wastewater conveyed by the public sewer.
- (18) Council or City Council. Shall mean the duly elected or appointed governing body of the City of Harrison.
- (19) Daily Maximum. The arithmetic average of all effluent samples for a pollutant collected during a calendar day.
- (20) Daily Maximum Limit. The maximum allowable discharge limit of a pollutant during a calendar day. Where Daily Maximum Limits are expressed in units of mass, the daily discharge is the total mass discharged over the course of the day. Where Daily Maximum Limits are expressed in terms of a concentration, the daily discharge is the arithmetic average measurement of the pollutant concentration derived from all measurements taken that day.
- (21) Director of Public Works or Public Works Director. The person appointed by the City Council to manage and supervise the Water and Sewer Departments of the City of Harrison, Arkansas, and who is charged with certain duties, responsibilities by this ordinance, or the duly appointed or authorized representative of such person.
- (22) Environmental Protection Agency or EPA. The U.S. Environmental Protection Agency or, where appropriate, the term may also be used as a designation for the Regional Water Management Division Director or other duly authorized official of said agency.
- (23) Existing Source. Any source of discharge that is not a "New Source."
- (24) Garbage. Shall mean solid wastes from the domestic and commercial preparation, cooking, and dispensing of food, and from the handling, storage, and sale of produce.
- (25) Grab Sample. A sample that is taken from a wastestream without regard to the flow in the wastestream and over a period of time not to exceed fifteen (15) minutes.
- (26) Indirect Discharge or Discharge. The introduction of pollutants into the POTW from any nondomestic source.

- (27) Industrial User or User. A source of indirect discharge.
- (28) Industrial Wastes. Shall mean the liquid wastes from industrial manufacturing processes, trade, or business as distinct from sanitary sewage.
- (29) Instantaneous Maximum Allowable Discharge Limit. The maximum concentration (or loading) of a pollutant allowed to be discharged at any time, determined from the analysis of any discrete or composited sample collected, independent of the industrial flow rate and the duration of the sampling event.
- (30) Interference. A discharge which alone or in conjunction with a discharge from other sources:
- (A) inhibits or disrupts the POTW, its treatment processes or operations or its sludge processes, use or disposal; and
 - (B) therefore is a cause of a violation of Harrison's NPDES permit or of the prevention of sewage sludge use or disposal in compliance with any of the following statutory/regulatory provisions or permits issued thereunder (or more stringent state or local regulations): Section 405 of the Clean Water Act; the Solid Waste Disposal Act (SWDA), including Title II commonly referred to as the Resource Conservation and Recovery Act (RCRA); any State regulations contained in any State sludge management plan prepared pursuant to Subtitle D of the SWDA; the Clean Air Act; the Toxic Substances Control Act; and the Marine Protection, Research and Sanctuaries Act.
- (31) Local Limit. Specific discharge limits developed and enforced by Harrison upon industrial or commercial facilities to implement the general and specific discharge prohibitions listed in 40 CFR 403.5(a)(1) and (b).
- (32) Mayor. Shall mean the Mayor of the City of Harrison, Arkansas.
- (33) Medical Waste. Isolation wastes, infectious agents, human blood and blood byproducts, pathological wastes, sharps, body parts, fomites, etiological agents, contaminated bedding, surgical wastes, potentially contaminated laboratory wastes and dialysis wastes.
- (34) Milligrams per Liter (mg/l). The same as parts per million and is a weight-to-volume ratio; the milligrams per liter value multiplied by a factor of 8.34 shall be equivalent to pounds per million gallons of water.

- (35) Monthly Average. The sum of all “daily discharges” measured during a calendar month divided by the number of “daily discharges” measured during that month.
- (36) Monthly Average Limit. The highest allowable average of “daily discharges” over a calendar month, calculated as the sum of all “daily discharges” measured during a calendar month divided by the number of “daily discharges” measured during that month.
- (37) National Pollution Discharge Elimination System or NPDES Permit. Shall mean a permit issued pursuant to Section 402 of the Act (33 U.S.C. 1342).
- (38) Natural Outlet. Shall mean any outlet into a watercourse, pond, ditch, lake, or other body of surface or ground water.
- (39) New Source
- (A) Any building, structure, facility or installation from which there is or may be discharge of pollutants, the construction of which commenced after the publication of proposed pretreatment standards under Section 307 (c) of the Act which will be applicable to such source if such standards are thereafter promulgated in accordance with that section, provided that:
- 1) the building, structure, facility or installation is constructed at a site at which no other source is located; or
 - 2) the building, structure, facility or installation totally replaces the process or production equipment that causes the discharge of pollutants at an existing source; or
 - 3) the production or wastewater generating processes of the building, structure, facility or installation are substantially independent of an existing source at the same site. In determining whether these are substantially independent, factors such as the extent to which the new facility is integrated with the existing plant, and the extent to which the new facility is engaged in the same general type of activity as the existing source, should be considered.
- (B) Construction on a site at which an existing source is located results in a modification rather than a new source if the construction does not create a new building, structure, facility or installation meeting the criteria of Section 10.08.03, (32), (A), 2), or 3) above but otherwise alters, replaces, or adds to existing process or production equipment.

(C) Construction of a new source as defined under this paragraph has commenced if the owner or operator has:

- 1) begun, or caused to begin as part of a continuous on-site construction program:
 - a) any placement, assembly, or installation of facilities or equipment, or
 - b) significant site preparation work including clearing, excavation, or removal of existing building, structures, or facilities which is necessary for the placement, assembly, or installation of new source facilities or equipment; or
- 2) entered into a binding contractual obligation for the purchase of facilities or equipment which is intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under this paragraph.

- (40) Noncontract Cooling Water. Water used for cooling which does not come into direct contact with any raw material intermediate product, waste product, or finished product.
- (41) Normal Domestic Wastewater. Means wastewater, excluding that from non-residential uses, discharged by a person into the POTW in which the average concentration of BOD₅ is not more than 300 mg/l and TSS is not more than 300 mg/l.
- (42) Pass-Through. A discharge which exits the POTW into waters of the U.S. in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other surfaces, is a cause of a violation of any requirement of Harrison's NPDES permit (including an increase in the magnitude or duration of a violation).
- (43) Person. Any individual, partnership, copartnership, firm, company, corporation, association, joint stock company, trust, estate, governmental entity or any other legal entity, or their legal representative, agents or assigns. This definition includes all Federal, State or local governmental entities.
- (44) pH. A measure of the acidity or alkalinity of a substance, expressed in standard units.

- (45) Pharmaceutical drug, also referred to as medicine, medication or medicament, can be loosely defined as any chemical substance intended for use in the medical diagnosis, cure, treatment, or prevention of disease.
- (46) Pollutant. Any dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, medical wastes, chemical wastes, industrial wastes, biological materials, radioactive materials, heat, wrecked or discharged equipment, rock, sand, cellar dirt, agricultural industrial wastes, and the characteristics of the wastewater (i.e., pH, temperature, TSS, turbidity, color, BOD, Chemical Oxygen Demand (COD), toxicity, odor).
- (47) Pretreatment. The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater prior to or in lieu of introducing such pollutants into the POTW. This reduction or alteration can be obtained by physical, chemical or biological processes, by process changes, or by other means, except by diluting the concentration of the pollutants unless allowed by an applicable pretreatment standard.
- (48) Pretreatment Requirements. Any substantive or procedural requirement related to pretreatment imposed on an industrial user, other than a pretreatment standard.
- (49) Pretreatment Standards or Standards. Pretreatment standards shall mean prohibitive discharge standards, categorical pretreatment standards, and technically based local limits.
- (50) Prohibited Discharge Standards or Prohibited Discharges. Absolute prohibitions against the discharge of certain substances; these prohibitions appear in Section 10.08.06 of this ordinance.
- (51) Properly Shredded Garbage. Shall mean the wastes from the preparation, cooking, and dispensing of food that have been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half (1/2) inch (1.27 centimeters) in any dimension.
- (52) Publicly Owned Treatment Works or POTW. A "treatment works" as defined by Section 212 of Act (33 U.S.C. 1292), which is owned by the State or municipality. This definition includes any devices or systems used in the collection, storage, treatment, recycling and reclamation of sewage or industrial wastes and any conveyances which convey wastewater to a treatment plant. The

term also means the municipal entity having jurisdiction over the industrial users and responsibility for the operation and maintenance of the treatment works.

- (53) Public Sewer. Shall mean a sewer in which all owners of abutting properties have equal rights, and is controlled by the City of Harrison.
- (54) Septic Tank Waste. Any sewage from holding tanks such as vessels, chemical toilets, campers, trailers, and septic tanks.
- (55) Sewage. Human excrement and gray water (household showers, dishwashing operations, etc.).
- (56) Sewer Surcharge or Surcharge. A charge above the normal monthly sewer rate which may be assessed to those non-residential sewer users who discharge into the POTW wastewater having BOD₅ in excess of 300 mg/l or suspended solids content in excess of 300 mg/l.
- (57) Significant Industrial User. Shall apply to: a) industrial users subject to categorical pretreatment standards; and b) any other industrial user that i) discharges an average of 25,000 gpd or more of process wastewater, ii) contributes a process wastestream which makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the treatment plant or, iii) is designated as significant by the City of Harrison on the basis that the industrial user has a reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standard or requirement.
- (58) Slug Load. Any discharge at a flow rate or concentration which could cause a violation of the prohibited discharge standards in Section 10.08.06 of this ordinance or any discharge of a nonroutine, episodic nature, including but not limited to, an accidental spill or a non-customary batch discharge.
- (59) Standard Industrial Classification (SIC) Code. A classification pursuant to the Standard Industrial Classification Manual issued by the U.S. Office of Management and Budget.
- (60) Storm Water. Any flow occurring during or following any form of natural precipitation, and resulting therefrom, including snowmelt.
- (61) Surface Water. Shall mean any watercourse, pond, stream, ditch, lake, or other body of water occurring on the earth's surface.

- (62) Suspended Solids. The total suspended matter that floats on the surface of, or is suspended in, water, wastewater, or other liquid, and which is removable by laboratory filtering.
- (63) To Discharge. Includes to deposit, conduct, drain, emit, throw, run, allow to seep, or otherwise release or dispose of, or to allow, permit, or suffer any of these acts or omissions.
- (64) Toxic Pollutant. One of 126 pollutants, or combinations of those pollutants, listed as toxic in regulations promulgated by the EPA under the provision of Section 307 (33 U.S.C. 1317) of the Act.
- (65) Trap. Means a device designed to skim, settle, or otherwise remove grease, oil, sand, flammable wastes or other harmful substances.
- (66) Treatment Plant Effluent. Any discharge of pollutants from the POTW into waters of the State.
- (67) Unusual BOD. Is defined as BOD₅ in excess of 300 mg/l.
- (68) Unusual Suspended Solids. Is defined as total suspended solids in excess of 300 mg/l.
- (69) Wastewater. Liquid and water-carried industrial wastes, and sewage from residential dwellings, commercial building, industrial and manufacturing facilities, and institutions, whether treated or untreated, which are contributed to the POTW.
- (70) Wastewater Treatment Plant or Treatment Plant. That portion of the POTW designed to provide treatment of sewage and industrial wastes.
- (71) Watercourse. Shall mean a channel in which a flow of water occurs, either continuously or intermittently.

Shall is mandatory; may is permissive or discretionary. The use of the singular shall be construed to include the plural and the plural shall include the singular as indicated by the context of its use.

10.08.04—ABBREVIATIONS

The following abbreviations shall have the designated meanings:

<u>BOD</u>	-	Biochemical Oxygen Demand
<u>CFR</u>	-	Code of Federal Regulations
<u>COD</u>	-	Chemical Oxygen Demand
<u>EPA</u>	-	U.S. Environmental Protection Agency
<u>gpd</u>	-	Gallons per Day
<u>l</u>	-	Liter
<u>mg</u>	-	Milligrams
<u>mg/l</u>	-	Milligrams per Liter
<u>NPDES</u>	-	National Pollutant Discharge Elimination System
<u>OSHA</u>	-	Occupational Safety and Health Administration (Title 29, Chapter XVII CFR)
<u>O&M</u>	-	Operation and Maintenance
<u>POTW</u>	-	Publicly Owned Treatment Works
<u>RCRA</u>	-	Resource Conservation and Recovery Act
<u>SIC</u>	-	Standard Industrial Classifications
<u>SWDA</u>	-	Solid Waste Disposal Act (42 U.S.C. 6901, <u>et seq.</u>)
<u>TSS</u>	-	Total Suspended Solids
<u>USC</u>	-	United States Code

10.08.05—GENERAL SEWER USE REQUIREMENTS

(1) Use of Public Sewers

- (A) It shall be unlawful to discharge to any natural outlet within the City of Harrison, Arkansas, or in any area under the jurisdiction of said City, any sewage or other polluted waters, except where suitable treatment has been provided in accordance with provisions of this ordinance. The issuance of a valid National Pollutant Discharge Elimination System permit authorizing such discharges into a natural outlet shall be considered as meeting all the requirements of this section.
- (B) Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended to be used for the disposal of sewage.
- (C) The owner of all houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes, situated within the

City an located within three hundred (300) feet of an accessible public sewer shall, at his expense, install suitable toilet facilities therein, and connect said facilities to such accessible public sewer. The requirements of this section shall not apply to owner discharging such sewage under the provisions of a valid National Pollutant Discharge Elimination System permit.

- (D) Other than building sewers and collector building sewers, all sewer constructed by owners to connect the building drains of structures to an existing public sewer shall be located within public easements or fights of way and shall be constructed by such owner to the standards required by the City for public sewers. No sewer shall be constructed within any public easement or right of way or connected to an existing public sewer without approval by the Director of Public Works.
- (E) No person shall discharge or cause to be discharged any storm water, surface water, ground water, roof runoff or subsurface drainage to the POTW.
- (F) Storm water and all other surface runoff shall be discharged to such sewers specifically designated as storm sewers, or to a natural outlet.

(2) Private Sewage Disposal

- (A) Where a public sanitary sewer is not available under the provisions of Section 10.08.03 (1) above, the building sewer shall be connected to a private sewage disposal system complying with the provisions of this section.
- (B) Before commencement of construction of a private wastewater disposal system within the City of Harrison, Arkansas, or in any area under the jurisdiction of said City, all persons shall first obtain a permit for such construction from the City of Harrison. The application for such permit shall be made on a form furnished by the City, which the applicant shall supplement by plans, specifications, and construction, permits approved by the Arkansas Department of Health and/or the Arkansas Department of Environmental Quality.
- (C) The type, capacities, locations and layout of private sewage disposal systems shall comply with all applicable requirements of the Arkansas

Department of Health and/or the Arkansas Department of Environmental Quality.

- (D) Within twelve (12) months from the date on which a public sewer becomes available as defined in Section 10.08.03 (1) above, in those areas where service is not now available, all persons owning property on which structures are located having a point of water usage within three hundred (300) feet of an accessible public sewer shall connect the building sewer to the public sewer pursuant to the provisions of Section 10.08.03 (1) above. The requirements of this section shall not apply to persons discharging such sewage under the provisions of a valid National Pollution Discharge Elimination System permit.

(3) Building Sewers and Connections

- (A) No unauthorized person shall uncover, make any connection with or opening into, use alter, or disturb any public sewer or appurtenance thereof without first obtaining a permit for such connection from the City of Harrison. No permit shall be issued for a sewer connection until the then current tie-on fee prescribed by Section 10.04.03 of the Harrison Municipal Code has been paid.
- (B) There shall be two (2) classes of building sewer permits:
 - 1) For service to residential establishments; and
 - 2) For service to establishments producing industrial wastes.In either case, the person shall make application on special forms furnished by the City. The permit applications shall be supplemented by any plans, specifications, or other information considered pertinent by the Director of Public Works.
- (C) Prior to the initiation of sewer service to potential new customers who will discharge industrial process wastes to the POTW, the potential customer shall complete an Industrial User Survey no less than one hundred and twenty (120) days prior to date on which they plan to discharge wastewater to the POTW. If the potential customer will be a Significant Industrial User, the potential customer shall, pursuant to Section 10.08.08 of the Harrison Municipal Code, complete an application for an Industrial Waste Discharge Permit no less than ninety (90) days prior to date on which they plan to discharge wastewater.

- (D) The Director of Public Works will evaluate applications for Industrial Waste Discharge Permits and determine, pursuant to Section 10.08.08 of the Harrison Municipal Code, whether or not to issue the applicant an Industrial Waste Discharge Permit.
- (E) A separate and independent building sewer shall be provided for each individual building except:
- 1) where multiple buildings are constructed in an apartment complex or condominium on a single lot or tract of land which cannot be subsequently subdivided and sold in parcels, the individual building may be connected to a common building sewer provided that only one person is responsible for maintenance of the building sewer; or
 - 2) temporary building, mobile homes, or similar portable structures may be connected to a building sewer installed to serve a previously constructed permanent building provide that both the permanent and temporary building are located on a lot or tract and maintained in common ownership.
- (F) Pipe for building sewers for service to the City of Harrison public sewer may be of any approved material listed in the Sate of Arkansas Plumbing Code.
The Director of Public Works shall approve:
- 1) type of material and size of pipe to be used in the construction of building sewers; and
 - 2) methods of installation of building sewer pipe prior to and/or during construction of building sewers.
- (G) Persons possessing building sewer permits shall notify the Director of Public Works when the building sewer is ready for inspection and connection to the POTW. The connection shall be accomplished only by the City of Harrison Sewer Department personnel.
- (H) Persons possessing building sewer permits shall indemnify the City of Harrison from any loss or damage that may directly be occasioned by the installation and/or operation of the building sewer.
- (I) Persons possessing building sewer permits shall hold the City of Harrison harmless from any loss or damage that may directly be occasioned by the installation and/or operation of the building sewer.

10.08.06—REGULATION OF DISCHARGES

(1) Prohibited Discharge Standards

No industrial user shall introduce or cause to be introduced into the POTW any pollutant or wastewater which causes pass-through or interference. These general prohibitions apply to all industrial users of the POTW whether or not they are subject to categorical pretreatment standards or any other National, State or local pretreatment standards or requirement. Furthermore, no industrial user may contribute the following substances to the POTW:

- (A) Pollutants which create a fire or explosive hazard in the municipal wastewater collection and 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) Any wastewater having a pH less than 5.0 or more than 10.0, or otherwise causing corrosive structural damage to the POTW or equipment, or endangering City personnel.
- (C) Solid or viscous substances in amounts which will cause obstruction of the flow in the POTW resulting in interference, but in no case solids greater than one half (1/2) inch (1.27 centimeters) in any dimension.
- (D) Any wastewater containing 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 either the POTW; or any wastewater treatment or sludge process, or which will constitute a hazard to humans or animals.
- (E) Any wastewater having a temperature greater than 150°F (65°C), or which will inhibit biological activity in the treatment plant resulting in interference, but in no case wastewater which causes the temperature at the introduction into the treatment plant to exceed 104°F (40°C).
- (F) Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin, in amounts that will cause interference or pass-through.
- (G) Any 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 designated by the City of Harrison in accordance with Section 10.08.07 (5) of the Harrison Municipal Code.
- (I) Any noxious or malodorous liquids, gases, solids, or other wastewater which, either singly or by interaction with other wastes, are sufficient to create a public nuisance, a hazard to life, or to prevent entry into the sewers for maintenance and repair.
- (J) Any wastewater which imparts color which cannot be removed by the treatment process, such as, but not limited to, dye wastes and vegetable tanning solutions, which consequently imparts color to the treatment plant's effluent thereby violating Harrison's NPDES permit.
- (K) Any wastewater containing any radioactive wastes or isotopes except as specifically approved by the Director of Public Works in an Industrial Waste Discharge Permit in compliance with applicable State or Federal regulations.
- (L) Storm water, surface water, ground water, artesian well water, roof runoff, subsurface drainage, swimming pool drainage, condensate, deionized water, noncontact cooling water, and unpolluted industrial wastewater, unless specifically authorized by the Director of Public Works in an Industrial Waste Discharge Permit.
- (M) Any sludges, screenings, or other residues from the pretreatment of industrial wastes.
- (N) Any medical wastes, except as specifically authorized by the Director of Public Works in an Industrial Waste Discharge Permit.
- (O) Any wastewater causing the treatment plant's effluent to fail a toxicity test.
- (P) Any wastes containing detergents, surface active agents, surfactants, or other substances which may cause excessive foaming or scum in the POTW.

- (Q) Any discharge of fats, oils, or greases of animal, vegetable or mineral origin is limited to one hundred (100) mg/l.
- (R) Pharmaceutical drugs from any commercial for profit entity.

Wastes prohibited by this section shall not be processed or stored in such a manner that they could be discharged to the POTW. All floor drains located in process or material storage areas must discharge to the industrial user's pretreatment facility before connecting with the POTW.

(2) Federal Categorical Pretreatment Standards

The national categorical pretreatment standards found at 40 CFR Chapter I, Subchapter N, Parts 40-471 are hereby incorporated.

- (A) Where a categorical pretreatment standard is expressed only in terms of either the mass or the concentration of a pollutant in wastewater, the Director of Public Works may impose equivalent concentration or mass limits in accord with 40 CFR 403.6 (c).
- (B) When wastewater subject to a categorical pretreatment standard is mixed with wastewater not regulated by the same standard, the Director of Public Works may impose an alternate limit using the combined wastestream formula in 40 CFR 403.6 (e).
- (C) A user may obtain a variance from a categorical pretreatment standard if the user can prove, pursuant to the procedural and substantive provision in 40 CFR 403.13, that factors relating to its discharge are fundamentally different from the factors considered by EPA when developing the categorical pretreatment standards.
- (D) A user may obtain a net gross adjustment to a categorical standard in accord with 40 CFR 403.15.
 - (1) Categorical Pretreatment Standards may be adjusted to reflect the presence of pollutants in the Industrial User's intake water in accordance with this Section. Any Industrial User wishing to obtain credit for intake pollutants must make application to the Director of Public Works. Upon request of the Industrial User, the applicable Standard will be calculated on a "net" basis (i.e., adjusted to reflect credit for pollutants in the intake water) if the requirements of paragraph (2) of this Section are met.
 - (2) Criteria.

- a. Either (i) The applicable categorical Pretreatment Standards contained in 40 CFR subchapter N specifically provide that they shall be applied on a net basis; or (ii) The Industrial User demonstrates that the control system it proposes or uses to meet applicable categorical Pretreatment Standards would, if properly installed and operated, meet the Standards in the absence of pollutants in the intake waters.
 - b. Credit for generic pollutants such as biochemical oxygen demand (BOD), total suspended solids (TSS), and oil and grease should not be granted unless the Industrial User demonstrates that the constituents of the generic measure in the User's effluent are substantially similar to the constituents of the generic measure in the intake water or unless appropriate additional limits are placed on process water pollutants either at the outfall or elsewhere.
 - c. Credit shall be granted only to the extent necessary to meet the applicable categorical Pretreatment Standard(s), up to a maximum value equal to the influent value. Additional monitoring may be necessary to determine eligibility for credits and compliance with Standard(s) adjusted under this Section.
 - d. Credit shall be granted only if the User demonstrates that the intake water is drawn from the same body of water as that into which the POTW discharges. The Director of Public Works may waive this requirement if it finds that no environmental degradation will result.
- (E) Combined wastestream formula. Where process effluent is mixed prior to treatment with wastewaters other than those generated by the regulated process, fixed alternative discharge limits may be derived by the Control Authority or by the Industrial User with the written concurrence of the Control Authority. These alternative limits shall be applied to the mixed effluent. When deriving alternative categorical limits, the Control Authority or Industrial User shall calculate both an alternative daily maximum value using the daily maximum value(s) specified in the appropriate categorical Pretreatment Standard(s). The Industrial User shall comply with the alternative daily maximum and monthly average limits fixed by the Control Authority until the Control Authority modifies the limits or approves an Industrial User modification request. Modification is authorized whenever there is a material or significant change in the values

used in the calculation to fix alternative limits for the regulated pollutant. An Industrial User must immediately report any such material or significant change to the Control Authority. Where appropriate new alternative categorical limits shall be calculated within 30 days.

- (F) The term *Requester* means an Industrial User or a POTW or other interested person seeking a variance from the limits specified in a categorical Pretreatment Standard. In establishing categorical Pretreatment Standards for existing sources, the EPA will take into account all the information it can collect, develop and solicit regarding factors relevant to pretreatment standards under Section 307 (b). In some cases, information which may affect these Pretreatment Standards will not be available or, for other reasons, will not be considered during their development. As a result, it may be necessary on a case-by-case basis to adjust the limits in categorical Pretreatment Standards, making them either more or less stringent, as they apply to a certain Industrial User within an industrial category or subcategory. This will only be done if data specific to that Industrial User indicates it presents factors fundamentally different from those considered by EPA in developing the limit at issue. Any interest person believing that factors relating to an Industrial User are fundamentally different from the factors considered during the development of a categorical Pretreatment Standard applicable to the User and further, that the existence of those factors justifies a different discharge limit than specified in the applicable categorical Pretreatment Standard, may request a fundamentally different factor variance under this section or such variance request may be initiated by the EPA. A request for a variance based upon fundamentally different factors shall be approved only if: there is an applicable categorical Pretreatment Standard which specifically controls the pollutant for which alternative limits have been requested; and Factors relating to the discharge controlled by the categorical Pretreatment Standard are fundamentally different from the factors considered by the EPA in establishing the Standards; and the request for a variance is made in accordance with the procedural requirements in paragraphs (g) and (h) of 40 CFR 403.13. A variance request for the establishment of limits less stringent than required by the Standard shall be approved only if: The alternative limit requested is no less stringent than justified by the fundamental difference; The alternative limit will not result in a violation of prohibitive discharge standards prescribed by or established under §403.5; The alternative limit will not result in a non-water quality environmental impact (including energy requirements)

fundamentally more adverse than the impact considered during development of the Pretreatment Standards; and Compliance with the Standards (either by using technologies upon which the Standards are based or by using other control alternatives) would result in either: A removal cost (adjusted for inflation) wholly out of proportion to the removal cost considered during development of the Standards; or A non-water quality environmental impact (including energy requirements) fundamentally more adverse than the impact considered during the development of the Standards. A variance request for the establishment of the limits more stringent than required by the Standards shall be approved only if: the alternative limit request is no more stringent than justified by the fundamental difference; and Compliance with the alternative limit would not result in either: A removal cost (adjusted for inflation) wholly out of proportion to the removal cost considered during development of the Standards; or A non-water quality environmental impact (including energy requirements) fundamentally more adverse than the impact considered during the development of the Standards.

(3) State Requirements

The Arkansas Department of Environmental Quality may from time to time promulgate new pretreatment requirements, and in the event that a particular pretreatment requirement may be more stringent than that imposed by Federal Law or by the Harrison Municipal Code, such State requirement shall immediately supersede the others and shall then become the applicable pretreatment requirement or pretreatment standard.

(4) Specific Pollutant Limitations

Local Limits are developed, implemented and enforced to protect against pass through and interference. No Industrial User shall discharge or cause to be discharged into the POTW any wastewater pollutant concentration exceeding the Technically Based Local Limits (TBLLs) developed from time to time by the Director of Public Works as required in City's NPDES permit, 40 CFR 403.5 (c) and approved by ADEQ. TBLLs (if necessary) based on calculated site specific Maximum Allowable Industrial Loadings are located in the City's Pretreatment Program, Appendix I. At the discretion of the Director of Public Works, TBLLs shall be allocated, imposed and shall apply at the "monitoring point" described in the individual industrial wastewater discharge permits. All concentration limits for metals shall be in terms of "total" metals unless otherwise indicated. At the discretion of the Director of Public Works, mass limitations may be imposed in addition to or in place of concentration based TBLLs. The Director of Public Works may also develop BMPs in individual wastewater discharge permits, to implement specific pollutant limitations. Such BMPs shall be considered Local Limits and Pretreatment Standards. When new Local Limits are implemented or revised, the Director of

Public Works will provide individual notice to parties who have requested such notice and an opportunity to respond, as set forth by 40 CFR 403.5 (c) (3). This requirement of notice also applies when Local Limits are set on a case-by-case basis.

(5) Best Management Practices

Director of Public Works may develop Best Management Practices (BMPs), by ordinance or by City program or in individual wastewater discharge permits to implement Local Limits and the requirements of Section 2.1.

(6) City's Right of Revision

The City of Harrison reserves the right to establish, by ordinance or in wastewater discharge permits, more stringent standards or requirements on discharges to the POTW if deemed necessary to comply with the objectives presented in Section 10.08.01 of the Harrison Municipal Code or the general or specific prohibitions in Section 10.08.06 of the Harrison Municipal Code.

(7) Special Agreement

The City of Harrison reserves the right to enter into special agreements with industrial users setting out special terms under which they may discharge to the POTW. In no case will a special agreement waive compliance with a pretreatment standard or requirement.

(8) Dilution

No industrial user shall ever increase the use of process water, or in any way attempt to dilute a discharge, as a partial or complete substitute for adequate treatment to achieve compliance with a discharge limitation unless expressly authorized by an applicable pretreatment standard or requirement. The Director of Public Works may impose mass limitations on industrial users which are using dilution to meet applicable pretreatment standards or requirements or in other cases when the imposition of mass limitations is appropriate.

10.08.07—PRETREATMENT OF WASTEWATER

(1) Pretreatment Facilities

Industrial Users shall provide necessary wastewater treatment as required to comply with this ordinance and shall achieve compliance with all categorical pretreatment standards, local limits and the prohibitions set out in Section 10.08.06 above within the time limitations specified by the EPA, the State, or the Director of Public Works—whichever is more stringent. Any facilities required to pretreat wastewater to a level acceptable to the City of Harrison shall be provided, operated, and maintained at the industrial user's expense. Detailed plans showing the pretreatment facilities and operating procedures shall be submitted to the Director of Public Works for review, and shall be acceptable to the Director of Public Works

before construction of the facility. The review of such plans and operating procedures will in no way relieve the industrial user from the responsibility of modifying the facility as necessary to produce an acceptable discharge to the City of Harrison under the provision of this ordinance.

(2) Additional Pretreatment Measures

- (A) Whenever deemed reasonably necessary for proper operation of the POTW, the Director of Public Works may require industrial users to restrict their discharge of wastewater during peak flow periods, designate that certain wastewater be discharge only into specific sewers, relocate and/or consolidate points of discharge, separate sewage wastestreams from industrial wastestreams, and such other conditions as may be necessary to protect the POTW and determine the industrial user's compliance with the requirements of this ordinance.
- (B) Whenever deemed reasonably necessary for proper operation of the POTW the Director of Public Works may require industrial users to install and maintain, on his property and at his expense, a suitable storage and flow control facility to ensure equalization of flow over a twenty-four (24) hour period. The Director of Public Works may require that such flow equalization control facility be equipped with alarms and a rate of discharge controller, the regulation of which may be directed only by the Director of Public Works. A wastewater discharge permit may be issued solely for flow equalization.
- (C) Grease and oil interceptors shall be provided for the proper handling of wastewater containing excessive amounts of grease and oil as required by the City of Harrison's FOG Program. Such interceptors shall not be required for residential users. All types and capacities of interception units shall be of a type and capacity approved by the City of Harrison's FOG Program. Interceptors shall be accessible for cleaning and inspection by the City. Operation of such interceptors shall be in compliance with the City of Harrison's FOG Program.
- (D) Industrial users with the potential to discharge flammable substances may be required to install and maintain an approved combustible gas detection meter.

(3) Accidental Discharge/Slug Control Plans

The Director of Public Works shall evaluate whether each SIU needs an accidental discharge/slug discharge control plan or other action to control Slug Discharges.

Director of Public Works may require any User to develop, submit for approval, and implement such a plan or take such other action that may be necessary to control Slug Discharges. Alternatively, Director of Public Works may develop such a plan for any User. An accidental discharge/slug discharge control plan shall address, at a minimum, the following:

- (A) description of discharge practices, including nonroutine batch discharges;
- (B) description of stored chemicals;
- (C) procedures for immediately notifying the POTW of any accidental or slug discharge. Such notification must also be given for any discharge which would violate any of the prohibited discharges in Sections 10.08.06 of the Harrison Municipal Code; and
- (D) procedures to prevent adverse impact from any accidental or slug discharge. Such procedures include, but are not limited to, inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site run-off, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants (including solvents), and/or measures and equipment for emergency response.

(4) Tenant Responsibility

Where an owner of property leases premises to any other person as a tenant under any rental or lease agreement, if either the owner or the tenant is an industrial user, either or both may be held responsible for compliance with the provisions of this ordinance.

(5) Hauled Wastewater

- (A) Septic tank waste may be accepted into the POTW at a receiving structure designated by the Director of Public Works, and at such times as are established by the Director of Public Works, provided such wastes do not violate Section 10.08.06 of the Harrison Municipal Code or any other requirements established or adopted by the City of Harrison. Wastewater discharge permits for individual vehicles to use such facilities may be issued by the Director of Public Works.
Waste haulers may discharge loads only at locations designated by the Director of Public Works.
- (B) Industrial waste haulers may discharge loads only at locations designated by the Director of Public Works. No load may be discharged without

prior consent of Director of Public Works. The Director of Public Works may collect samples of each hauled load to ensure compliance with applicable Standards. The Director of Public Works may require the industrial waste hauler to provide a waste analysis of any load prior to discharge.

(C) Fees for dumping septage will be established by the City of Harrison as part of the industrial user fee system as authorized in Section 10.08.19 (1).

(6) **Vandalism**

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 POTW. Any person found in violation of this requirement shall be subject to the sanctions set out in Sections 10.08.14 through 10.08.16 of the Harrison Municipal Code.

10.08.08—WASTEWATER DISCHARGE PERMIT ELIGIBILITY

(1) Wastewater Survey

When requested by the Director of Public Works all industrial users must submit information on the nature and characteristics of their wastewater by completing a wastewater survey prior to commencing their discharge. The Director of Public Works is authorized to prepare a form for this purpose and shall once/year require industrial users to update the survey. Failure to complete this survey shall be reasonable grounds for terminating service to the industrial user and shall be considered a violation of the Harrison Municipal Code.

(2) Wastewater Discharge Permit Requirement

(A) It shall be unlawful for any significant industrial user to discharge wastewater into the Harrison POTW without first obtaining a wastewater discharge permit from the Director of Public Works. Any violation of the terms and conditions of a wastewater discharge permit shall be deemed a violation of the Harrison Municipal Code and subjects the wastewater discharge permittee to the sanctions set out in Sections 10.08.13 through 10.08.16 of the Code. Obtaining a wastewater discharge permit does not relieve a permittee of its obligation to comply with all Federal and State pretreatment standards or requirements or with any other requirements of Federal, State and local law.

(B) The Director of Public Works may require other industrial user, including liquid waste haulers, to obtain wastewater discharge permits as necessary to carry out the purposes of this ordinance.

(3) Wastewater Discharge Permitting Existing Connections

The City of Harrison may, within 30 days of determining that an existing industrial user is a significant industrial user as defined by Section 10.08.03 (49) of the Harrison Municipal Code, notify the significant industrial user of its status as a significant industrial user and of the requirement to obtain a wastewater discharge permit. The Director of Public Works will furnish the existing significant industrial user an appropriate permit application package. Any industrial user who, after notification of the requirement to obtain a wastewater discharge permit, wishes to continue such discharges in the future, shall within ninety (90) days after notification, apply to the City of Harrison for a wastewater discharge permit in accordance with Section 10.08.06 (6) below. Existing significant industrial users shall not cause or allow discharges to the POTW to continue after one hundred eighty (180) days after notification of the requirement to obtain a wastewater discharge permit except in accordance with a wastewater discharge permit issued by the Director of Public Works.

(4) Wastewater Discharge Permitting New Connections

Any significant industrial user proposing to begin or recommence discharging industrial wastes into the POTW must obtain a wastewater discharge permit prior to the beginning or recommencing of such discharge. An application for this wastewater discharge permit must be filed at least ninety (90) days prior to the date upon which any discharge will begin.

(5) Wastewater Discharge Permitting Extrajurisdictional Industrial Users (Industrial Users Outside Corporate Limits of the City of Harrison)

(A) Any existing significant industrial user located beyond the City of Harrison corporate limits shall submit a wastewater discharge permit application, in accordance with Section 10.08.08 (6) below, to the Director of Public Works within ninety (90) days of notification of the requirement. Such extrajurisdictional industrial users shall be subject to all the provisions of Section 10.08.03 (3) above. New (potential) significant industrial users located beyond the City of Harrison corporate limits shall submit such applications to the Director of Public Works ninety (90) days prior to any proposed discharge into the POTW.

(B) Alternately, the City of Harrison may enter into an agreement with a neighboring jurisdiction in which the significant industrial user is located to provide for the implementation and enforcement of the Harrison Industrial Pretreatment Program requirements against said industrial user.

- (C) Nothing in the foregoing Sections 10.08.08 (A) and (B), or any provisions of the Harrison Municipal Code shall be construed as requiring the City of Harrison to accept wastewater into the POTW from any industrial user or significant industrial user located outside the City of Harrison corporate limits.

(6) Wastewater Discharge Permit Application Contents

In order to be considered for a wastewater discharge permit, all industrial users required to have a wastewater discharge permit must submit the information required by Section 10.08.10 (1) (B) of the Harrison Municipal Code on an Industrial Wastewater Discharge Permit Application form provided by the Director of Public Works. In addition, the following information may be requested:

- (A) Description of activities, facilities, and plant processes on the premises, including a list of all raw materials and chemicals use or stored at the facility which are, or could accidentally or intentionally be, discharged to the POTW.
- (B) Number and type of employees hours of production and operation of pretreatment facilities, and proposed or actual hours of discharge to the POTW.
- (C) Each product produced by type, amount, process or processes, and rate of production.
- (D) Type and amount of raw materials processed (average and maximum per day).
- (E) The site plans, floor plans, mechanical and plumbing plans, and details to show all sewers, floor drains, and appurtenances by size, location, and elevation, and all points of discharge.
- (F) Time and duration of the discharges.
- (G) Pollution Prevention (P2) activities such as source reduction, waste minimization, environmental management systems, water and energy conservation.
- (H) Any other information as may be deemed necessary by the Director of Public Works to evaluate the wastewater discharge permit application.

Incomplete or inaccurate applications will not be processed and will be returned to the industrial user for revision.

(7) Application Signatories and Certification

All wastewater discharge permit applications and industrial user reports must contain the following certification statement and be signed by an authorized representative of the industrial user:

“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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

(8) Wastewater Discharge Permit Decisions

The Director of Public Works will evaluate the data furnished by the industrial user and may require additional information. Within ninety (90) days of receipt of a complete wastewater discharge permit application, the Director of Public Works will determine whether or not to issue a wastewater discharge permit. If no determination is made within this time period, the application will be deemed denied. The Director of Public Works may deny any application for a wastewater discharge permit where it reasonably appears that the applicant's proposed wastewater, if discharged into the POTW, would interfere with the operation of the POTW, would otherwise be incompatible with the POTW, would interfere with reuse of sludge from the POTW, or would pass through the POTW, inadequately treated, into the receiving waters of the State.

10.08.09—WASTEWATER DISCHARGE PERMIT ISSUANCE PROCESS

(1) Wastewater Discharge Permit Duration

Wastewater discharge permits shall be issued for a specified time period, not to exceed five (5) years. A wastewater discharge permit may be issued for a period less than five (5) years, at the discretion of the Director of Public Works. Each wastewater discharge permit will indicate a specific date upon which it will expire.

(2) Wastewater Discharge Permit Contents

Wastewater discharge permits shall include such conditions as are reasonably deemed necessary by the Director of Public Works to prevent pass-through or interference,

protect the quality of the water body receiving the treatment plant's effluent, protect worker health and safety, facilitate sludge management and disposal, protect ambient air quality, and protect against damage to the POTW.

- (A) Wastewater discharge permits shall contain the following conditions:
- 1) a statement that indicates wastewater discharge permit duration, which in no event shall exceed five (5) years;
 - 2) a statement that the wastewater discharge permit is nontransferable without prior notification to and approval from the City of Harrison, and provisions for furnishing the new owner or operator with a copy of the existing wastewater discharge permit;
 - (3) Effluent limits, including Best Management Practices, based on applicable Pretreatment Standards and as necessary at the Director of Public Works discretion;
 - (4) self monitoring, sampling, reporting, notification, and record keeping requirements. These requirements shall include an identification of pollutants to be monitored, sampling location, sampling frequency, and sample type based on Federal, State, and local law; and
 - (5) statement of applicable civil, criminal, and administrative penalties for violation of pretreatment standards and requirements, and any applicable compliance schedule. Such schedule may not extend the time for compliance beyond that required by applicable Federal, State, or local law.
 - (6) Requirements to control Slug Discharges, if determined by the Director of Public Works to be necessary.
 - (7) Best Management Practices or BMPs which mean schedules of activities, prohibitions of practices, maintenance procedure, and other management practices to implement the prohibitions listed in 40 CFR 403.5 (a) and (b). BMPs include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw materials storage. Effluent limits, including Best Management Practices, based on applicable Pretreatment Standards.
- (B) Wastewater discharge permits may contain, but need not be limited to, the following:
- 1) limits on the average and/or maximum rate of discharge, time of discharge, and/or requirements for flow regulation and equalization;

- 2) limits on the instantaneous, daily and monthly average and/or maximum concentration, mass, or other measure of identified wastewater pollutants or properties;
- 3) requirements for the installation of pretreatment technology, pollution control, or construction of appropriate containment devices, designed to reduce, eliminate, or prevent the introduction of pollutants into the treatment works;
- 4) development and implementation of spill control plans or other special conditions including management practices necessary to adequately prevent accidental, unanticipated, or routine discharges;
- 5) development and implementation of Pollution Prevention (P2) activities such as source reduction and waste minimization plans to reduce the amount of pollutants discharged to the POTW;
- 6) the unit charge or schedule of industrial user chargers and fees for the management of the wastewater discharged to the POTW;
- 7) requirements for installation and maintenance of inspection and sampling facilities and equipment;
- 8) a statement that compliance with the wastewater discharge permit does not relieve the permittee of responsibility for compliance with all applicable Federal and State pretreatment standards, including those which become effective during the term of the wastewater discharge permit; and
- 9) other conditions as deemed appropriate by the Director of Public Works to ensure compliance with this ordinance, and State and Federal laws, rules, and regulations.

(3) Wastewater Discharge Permit Appeals

Any person, including the industrial user, may petition the City of Harrison to reconsider the terms of a wastewater discharge permit within thirty (30) days of its issuance.

- (A) Failure to submit a timely petition for review shall be deemed to be a waiver of the administrative appeal.
- (B) In its petition, the appealing party must indicate the wastewater discharge permit provisions objected to, the reasons for this objection, and the alternative condition, if any, it seeks to place in the wastewater discharge permit.
- (C) The effectiveness of the wastewater discharge permit shall not be stayed pending the appeal.

- (D) If the City of Harrison fails to act within sixty (60) days, a request for reconsideration shall be deemed to be denied. Decisions not to reconsider a wastewater discharge permit, not to issue a wastewater discharge permit, or not to modify a wastewater discharge permit, shall be considered final administrative action for purposes of judicial review.
- (E) Aggrieved parties seeking judicial review of the final administrative wastewater discharge permit decision must do so by filing a complaint within a court of competent jurisdiction.

(4) Wastewater Discharge Permit Modification

The Director of Public Works may modify the wastewater discharge permit for good cause including, but not limited to, the following:

- (A) To incorporate any new or revised Federal, State, or local pretreatment standards or requirements.
- (B) To address significant alterations or additions to the industrial user's operation, processes, or wastewater volume or character since the time of wastewater discharge permit issuance.
- (C) A change in 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 POTW, POTW personnel, beneficial re-use of the City's biosolids or the POTW's receiving waters.
- (E) Violation of any terms or conditions of the wastewater discharge permit.
- (F) Misrepresentations or failure to fully disclose all relevant facts in the wastewater discharge permit application or in any required reporting.
- (G) Revision of categorical pretreatment standards pursuant to 40 CFR 403.13.
- (H) To correct typographical or other errors in the wastewater discharge permit.
- (I) To reflect a transfer of the facility ownership and/or operation to a new owner/operator.

The filing of a request by the permittee for a wastewater discharge permit modification does not stay any existing wastewater discharge permit condition.

(5) Wastewater Discharge Permit Transfer

Wastewater discharge permits may be reassigned or transferred to a new owner and/or operator only if the permittee gives at least thirty (30) days advance notice to the Director of Public Works and the Director of Public Works approves the wastewater discharge permit transfer. The notice to the Director of Public Works must include a written certification by the new owner and/or operator which:

- (A) states that the new owner and/or operator have no immediate intent to change the facility's operations and processes;
- (B) identifies the specific date on which the transfer is to occur; and
- (C) acknowledges full responsibility for complying with the existing wastewater discharge permit.

Failure to provide advance notice of a transfer renders the wastewater discharge permit voidable on the date of facility transfer.

(6) Wastewater Discharge Permit Revocation

Wastewater discharge permits may be revoked for the following reasons:

- (A) Failure to notify the City of Harrison of significant changes to the wastewater prior to the changed discharge.
- (B) Failure to provide prior notification to the City of Harrison of changed condition pursuant to Section 10.08.10 (5) of the Harrison Municipal Code.
- (C) Misrepresentation or failure to fully disclose all relevant facts in the wastewater discharge permit application.
- (D) Falsifying self-monitoring reports.
- (E) Tampering with monitoring equipment.

- (F) Refusing to allow the City of Harrison timely access to the facility premises and records.
- (G) Failure to meet effluent limitations.
- (H) Failure to pay fines.
- (I) Failure to pay sewer charges.
- (J) Failure to meet compliance schedules.
- (K) Failure to complete a wastewater survey or the wastewater discharge permit application.
- (L) Failure to provide advance notice of the transfer of a permitted facility.
- (M) Violation of any pretreatment standard or requirement, or any terms of the wastewater discharge permit or the ordinance.

Wastewater discharge permits shall be voidable upon nonuse, cessation of operations, or transfer of business ownership. All wastewater discharge permits are void upon the issuance of a new wastewater discharge permit.

(7) Wastewater Discharge Permit Reissuance

A significant industrial user shall apply for wastewater discharge permit reissuance by submitting a complete wastewater discharge permit application, acceptable by the Director of Public Works, in accordance with Section 10.08.08 (6) of the Harrison Municipal Code a minimum of sixty (60) days prior to the expiration of the industrial user's existing wastewater discharge permit.

(8) Municipal Wastewater Discharge Permits

In the event another municipality contributes all or a portion of its wastewater to the POTW, the POTW may require such municipality to apply for and obtain a municipal wastewater discharge permit.

- (A) A municipal wastewater discharge permit application shall include:
 - 1) a description of the quality and volume of the wastewater at the point(s) where it enters the POTW;
 - 2) an inventory of all industrial users discharging to the municipality; and

- 3) such other information as may be required by the Director of Public Works.
- (B) A municipal wastewater discharge permit shall contain the following conditions:
- 1) A requirement for the contributing municipality to adopt a sewer use ordinance which is at least as stringent as this ordinance and Local Limits, including required Best Management Practices (BMPs) which are at least as stringent as those set out in Section 10.08.06(4) of the Harrison Municipal Code. The requirement shall specify that such ordinance and limits must be revised as necessary to reflect changes made to Harrison's ordinance or Local Limits;
 - 2) a requirement for the municipal user to submit a revised industrial user inventory on at least an annual basis;
 - 3) a requirement for the municipal user to a) conduct pretreatment implementation activities including industrial user permit issuance, inspection and sampling, and enforcement; or b) authorization for the City of Harrison to -conduct such activities on its behalf;
 - 4) a requirement for the municipal user to provide the City of Harrison with access to all information that the municipal user obtains as part of its pretreatment activities;
 - 5) limits on the nature, quality, and volume of the municipal user's wastewater at the point where it discharges to the POTW; and
 - 6) requirements for monitoring the municipal user's discharge; and
 - 7) A provision ensuring Harrison's Director of Public Works access to the facilities of Users located within the contributing municipality's jurisdictional boundaries for the purpose of inspection, sampling, and any other duties deemed necessary by Harrison's Director of Public Works.
- (C) Violation of the terms and conditions of the municipal user's wastewater discharge permit subjects the municipal user to the sanctions set out in Sections 10.08.13 through 10.08.16 of the Harrison Municipal Code.

10.08.10—REPORTING REQUIREMENTS

- (1) Baseline Monitoring Reports

(A) Within either 180 days after the effective date of a categorical pretreatment standard, or the final administrative decision on a category determination under 40 CFR403.6 (a) (4), whichever is later, existing significant industrial users subject to such categorical pretreatment standards, and currently discharging to or scheduled to discharge to the POTW, shall be required to submit to the City of Harrison a report which contains the information listed in paragraph B, below at least ninety (90) days prior to commencement of their discharge, new sources, and sources that become industrial users subsequent to the promulgation of an applicable categorical standard, shall be required to submit to the City of Harrison a report which contains the information listed in Section 10.08.10 (1) (B) below. A new source shall also be required to report the method of pretreatment it intends to use to meet applicable pretreatment standards. A new source shall also give estimate of its anticipated flow and quantity of pollutants discharged.

(B) The industrial user shall submit the information required by this section including:

- 1) Identifying Information. The name and address of the facility including the name of the operator and owners.
- 2) Wastewater Discharge Permits. A list of any environmental control wastewater discharge permits held by or for the facility.
- 3) Description of Operations. A comprehensive description of the nature, average rate of production, and standard industrial classifications of the operation(s) carried out by such industrial user. This description should include a comprehensive schematic process diagram which indicates points of discharge to the POTW from the regulated processes.
- 4) Flow Management. Information showing the measured average daily and maximum daily flow, in gallons per day, to the POTW from regulated process streams and other streams, as necessary, to allow use of the combined wastestream formula set out in 40 CFR 403.6 (e).
- 5) Measurement of Pollutants.
 - a) Identify the categorical pretreatment standards applicable to each regulated process.
 - b) Submit the results of sampling and analysis identifying the nature and concentration and/or mass, where required by the standard or by the City of Harrison of regulated pollutants in the discharge from each regulated process. Instantaneous, daily maximum and long term average

concentrations or mass, where required shall be reported. The sample shall be representative of daily operations and shall be analyzed in accordance with procedures set out in Section 10.08.10 (10) below.

- c) sampling must be performed in accordance with procedures set out in Section 10.08.10 (11) below.

- 6) Certification. A statement reviewed by the industrial user's authorized representative and certified by a qualified professional, indicating whether pretreatment standards are being met on a consistent basis and, if not, whether additional operation and maintenance (O&M) and/or additional pretreatment is required to meet the pretreatment standards and requirements.

- 7) Compliance Schedule. If additional pretreatment and/or O&M will be required to meet the pretreatment standards; the shortest schedule by which the industrial user will provide such additional pretreatment and/or O&M. The completion date in this schedule shall not be later than the compliance date established for the applicable pretreatment standard. A compliance schedule pursuant to this section must meet the requirements set out in Section 10.08.08 (6) of the Harrison Municipal Code.

- 8) User Certification. All baseline monitoring reports must be signed and certified in accordance with Section 10.08.08 (7) of the Harrison Municipal Code.

(2) Compliance Schedule Progress Report

The following conditions shall apply to the schedule required by Section 10.08.10 (1) (B) (7) above. The schedule shall contain progress increments in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required for the user to meet the applicable pretreatment standards (such events include hiring an engineer, completing preliminary and final plans, executing contracts for major components, commencing and completing construction, beginning and conducting routine operation). No increment referred to above shall exceed nine (9) months. The industrial user shall submit a progress report to the Director of Public Works no later than 14 days following each date in the schedule and the final date of compliance including, as a minimum, whether or not it complied with the increment of progress, the reason for any delay, and, the steps being taken by the significant industrial user to return to the established schedule. In no event shall more than nine (9) months elapse between such progress reports to the Director of Public Works.

(3) Report on Compliance with categorical Pretreatment Standard Deadline

Within ninety (90) days following the date for final compliance with applicable categorical pretreatment standards, or in the case of a new source following commencement of the introduction of wastewater into the POTW, any industrial user subject to such pretreatment standards and requirements shall submit to the City of Harrison a report containing the information described in Section 10.08.10 (1) (B) (4-6) above. For industrial users subject to equivalent mass or concentration limits established in accordance with the procedures in 40 CFR 403.6 (c), this report shall contain a reasonable measure of the industrial user's long term production rate. For all other industrial users subject to categorical pretreatment standards expressed in terms of allowable pollutant discharge per unit of production (or other measure of operation), this report shall include the industrial user's actual production during the appropriate sampling period. All compliance reports must be signed and certified in accordance with Section 10.08.08 (7) above.

(4) Periodic Compliance Reports

- (A) Any significant industrial user subject to a pretreatment standard shall, at a frequency determined by the Director of Public Works but in no case less than twice per year [in June and December, as required by 40 CFR 403.12 (e) (1)], unless required more frequently by the Director of Public Works, submit a report indicating the nature and concentration of pollutants in the discharge which are limited by such pretreatment standards and the measured or estimated average and maximum daily flows for the reporting-period. All periodic compliance reports must be signed and certified in accordance with Section 10.08.08 (7) above. In cases where the Pretreatment Standard requires compliance with a Best Management Practice (BMP) or pollution prevention alternative, the User must submit documentation required by the Public Works Director or the Pretreatment Standard necessary to determine the compliance status of the User.

At the discretion of the Director of Public Works and in consideration of such factors as local high or low flow rates, holidays, budget cycles, etc., the Director of Public Works may modify the months during which the above reports are to be submitted.

- (B) All wastewater samples must be representative of the industrial user's discharge. Wastewater monitoring and flow measurement facilities shall be properly operated, kept clean, calibrated per the manufacturer's instructions and maintained in good working order at all times. The failure

of an industrial user to keep its monitoring facility in good working order shall not be grounds for the industrial user to claim that sample results are unrepresentative of its discharge.

- (C) If an industrial user subject to the reporting requirement in and of this section monitors any pollutant more frequently than required by the POTW, using the procedures prescribed in Section 10.08.10 (11) below, the results of this monitoring shall be included in the report.

(5) Report of Changed Conditions

Each industrial user is required to notify the Director of Public Works of any planned significant changes to the industrial user's operations or system which might alter the nature, quality or volume of its wastewater at least sixty (60) days before the change.

- (A) The Director of Public Works may require the industrial user to submit such information as may be deemed necessary to evaluate the changed condition, including the submission of a wastewater discharge permit application under Section 10.08.08 (6) above.
- (B) The Director of Public Works may issue a wastewater discharge permit under Section 10.08.08 (8) above, or modify an existing wastewater discharge permit under Section 10.08.09 (4) above.
- (C) No industrial user shall implement the planned changed condition(s) until and unless the Director of Public Works has responded to the industrial user's notice.
- (D) For purposes of this requirement flows in excess of the limitations set forth in the significant user's industrial wastes discharge permit, industrial user's flow change of +/- 20% and/or the discharge of any previously unreported pollutants, shall be deemed significant.

(6) Reports of Potential Problems

- (A) In the case of any discharge including, but not limited to, accidental discharges, discharges of a non-routine, episodic nature, a non-customary batch discharge, or a slug load which may cause potential problems for the POTW [including a violation of the prohibited discharge standards in Section 10.08.07 (1) and (4) of the Harrison Municipal Code], it is the responsibility of the industrial user to immediately telephone and notify

the City of Harrison of the incident. This notification shall include the location of discharge, type of waste, concentration and volume, if known, and corrective actions taken by the industrial user.

- (B) Within five (5) days following such discharge, the industrial user shall, unless waived by the Director of Public Works, submit a detailed written report describing the cause(s) of the discharge and the measures to be taken by the industrial user to prevent similar future occurrences. Such notification shall not relieve the industrial user of any expense, loss, damage, or other liability which may be incurred as a result of damage to the POTW, natural resources, or any other damage to person or property; nor shall such notification relieve the industrial user of any fines, civil penalties, or other liability which may be imposed by this ordinance.
- (C) Failure to notify the City of Harrison of potential problem discharges shall be deemed a separate violation of this ordinance.
- (D) A notice shall be permanently posted on the industrial user's bulletin board or other prominent place advising employees whom to call in the event of a discharge described in Section 10.08.10 (6) (A) above. Employers shall ensure that all employees, who may cause or suffer such a discharge to occur, are advised of the emergency notification procedure.
- (E) Significant Industrial Users are required to notify the Director of Public Works immediately of any changes at its facility affecting the potential for a Slug Discharge.

(7) Reports from Nonsignificant Industrial Users

All industrial users not subject to categorical pretreatment standards and not required to obtain a wastewater discharge permit shall provide appropriate reports to the City of Harrison as the Director of Public Works may require.

(8) Notice of Violation/Repeat Sampling and Reporting

If sampling performed by an industrial user indicates a violation, the industrial user must notify the Control Authority (the City of Harrison) within 24 hours of becoming aware of the violation. The industrial user shall also repeat the sampling and analysis and submit the results of the repeat analysis to the Control Authority within 30 days after becoming aware of the violation. The industrial user is not required to re-sample if the POTW performs compliance monitoring of the industrial user's wastewater discharge at least once a month, or if the POTW performs compliance monitoring which indicates compliance, between the industrial user's

initial sampling and when the industrial user receives the results of initial sampling indicating a permit violation.

(9) Notification of the Discharge of Hazardous Waste

- (A) Any industrial user who commences the discharge of hazardous waste shall notify the POTW, the EPA Regional Waste Management Division Director, and State hazardous waste authorities in writing of any discharge into the POTW of a substance which, if otherwise disposed of, would be a hazardous waste under 40 CFR Part 261. Such notification must include the name of the hazardous waste as set forth in 40 CFR Part 261, the EPA hazardous waste number, and the type of discharge (continuous, batch, or other). If the industrial user discharges more than 10 kilograms of such waste per calendar month to the POTW, the notification shall also contain the following information to the extent such information is known and readily available to the industrial user: an identification of the hazardous constituents contained in the wastes, an estimation of the mass and concentration of such constituents in the wastestream discharged during that calendar month, and an estimation of the mass of constituents in the wastestream expected to be discharge during the following twelve (12) months. All notifications must take place no later than 180 days the discharge commences. Any notification under this paragraph need be submitted only once for each hazardous waste discharge. However, notifications of changed discharges must be submitted under Section 10.08.10 (1), (3) and (4) above.
- (B) Dischargers are exempt from the requirements of paragraph (A) of this section during a calendar month in which they discharge no more than fifteen (15) kilograms of hazardous wastes, unless the wastes are acute hazardous wastes as specified in 40 CFR 261.30 (d) and 261.33 (e). Discharge of more than fifteen (15) kilograms of non-acute hazardous wastes in a calendar month, or of any quantity of acute hazardous wastes as specified in 40 CFR 261.30 (d) and 261.33 (e), requires a one-time notification.

Subsequent months during which the industrial user discharges more than such quantities of any hazardous waste do not require additional notification.

- (C) In the case of any new regulations under Section 3001 of RCRA identifying additional characteristics of hazardous waste or listing any additional substance as a hazardous waste, the industrial user must notify the POTW, the EPA Regional Waste Management Waste Division Director, and State hazardous waste authorities of the discharge of such substance within 90 days of the effective date of such regulations.
- (D) In the case of any notification made under this section, the industrial user shall certify that it has a program in place to reduce the volume and toxicity of hazardous wastes generated to the degree it has determined to be economically practical.

(10) Analytical Requirements

All pollutant analyses, including sampling techniques, to be submitted as part of a wastewater discharge permit application or report shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto, unless otherwise specified in an applicable categorical Pretreatment Standard. If 40 CFR Part 136 does not contain sampling or analytical techniques for the pollutant in question, or where the EPA determines that the Part 136 sampling and analytical techniques are inappropriate for the pollutant in question, sampling and analyses shall be performed by using validated analytical methods or any other applicable sampling and analytical procedures, including procedures suggested by the [Superintendent] or other parties approved by EPA.

(11) Sample Collection

Samples collected to satisfy reporting requirements must be based on data obtained through appropriate sampling and analysis performed during the period covered by the report, based on data that is representative of conditions occurring during the reporting period.

- (A) Except as indicated in Section B and C below, the User must collect wastewater samples using 24-hour flow proportional composite sampling techniques, unless time-proportional composite sampling or grab sampling is authorized by the Wastewater Systems Manager. Where time-proportional composite sampling or grab sampling is authorized by the City of Harrison, the samples must be representative of the discharge. Using protocols (including appropriate preservation) specified in 40 CFR Part 136 and appropriate EPA guidance, multiple grab samples collected during a 24-hour period may be composited in the laboratory or in the field; for volatile organics and oil and grease, the samples may be composited in the laboratory. Composite samples for other parameters

unaffected by the compositing procedures as documented in approved EPA methodologies may be authorized by The City of Harrison, as appropriate. In addition, grab samples may be required to show compliance with Instantaneous Limits.

- (B) Samples for oil and grease, temperature, pH, cyanide, total phenols, sulfides, and volatile organic compounds must be obtained using grab collection techniques.
- (C) For sampling required in support of baseline monitoring and 90-day compliance reports in [40 CFR 403.12 (b) and (d)], a minimum of four (4) grab samples must be used for pH, cyanide, total phenols, oil and grease, sulfide and volatile organic compounds for facilities for which historical sampling data are available, the Director of Public Works may authorize a lower minimum. For the reports required by paragraphs 40 CFR 403.12 (e) and 403.12 (h), the Industrial User is required to collect the number of grab samples necessary to assess and assure compliance by with applicable Pretreatment Standards and Requirements.

(12) Determination of Noncompliance

The Director of Public Works may use a grab sample(s) as a compliance screening tool. Where grab sample(s) suggest noncompliance, the Director of Public Works and/or the Industrial User should re-sample the user's effluent using composite techniques until consistent compliance is again demonstrated.

(13) Timing

Written reports will be deemed to have been submitted on the date postmarked. For reports which are not mailed, postage prepaid, into a mail facility serviced by the U. S. Postal Service, the date of receipt of the report shall govern.

(14) Recordkeeping

Users subject to the reporting requirements of this ordinance shall retain, and make available for inspection and copying, all records of information obtained pursuant to any monitoring activities required by this ordinance, any additional records of information obtained pursuant to monitoring activities undertaken by the User independent of such requirements, and documentation associated with Best Management Practices. Records shall include date, exact place, method, and time of sampling, and the name of the person(s) taking the samples; the dates analyses were performed; who performed the analyses; the analytical techniques or methods

used; and the results of such analyses. These records shall remain available for a period of at least three (3) years. This period shall be automatically extended for the duration of any litigation concerning the User or The City of Harrison or where the User has been specifically notified of a longer retention period by the Wastewater Systems Manager.

(15) Certification of Permit Applications and User Reports

The following certification statement is required to be signed and submitted by Users submitting permit applications in accordance with Section 4.7; Users submitting baseline monitoring reports under Section 6.1B(5); Users submitting reports on compliance with the categorical Pretreatment Standard deadlines under Section 6.3 and Users submitting periodic compliance reports required by Section 6.4 A–D. The following certification statement must be signed by an Authorized Representative as defined in Section 1.4 C:

“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 fine and imprisonment for knowing violations.”

10.08.11 – COMPLIANCE MONITORING

(1) Inspection and Sampling

The City of Harrison shall have the right to enter the facilities of any industrial user to ascertain whether the purpose of this ordinance, and any permit or order issued hereunder, is being met and whether the industrial user is complying with all requirements thereof. Industrial users shall allow the Director of Public ready access to all parts of the premises for the purposes of inspection, sampling, records examination and copying, and the performance of any additional duties.

- (A) Where an industrial user has security measures in force which require proper identification and clearance before entry into its premises, the industrial user shall make necessary arrangements with its security guards so that, upon presentation of suitable identification, personnel from the City of Harrison, State, and EPA will be permitted to enter without delay, for the purposes of performing their specific requirements.

- (B) The City of Harrison, State, and EPA shall have the right to set up on the industrial user's property, or require installation of, such devices as are necessary to conduct sampling and/or metering of the user's operations.
- (C) The City of Harrison may require the industrial user to install monitoring equipment as necessary. The facility's sampling and monitoring equipment shall be maintained at all times in a safe and proper operating condition by the industrial user at its own expense. All devices used to measure wastewater flow and quality shall be calibrated [regularly and periodically] to ensure their accuracy.
- (D) Any temporary or permanent obstruction to safe and easy access to the industrial facility to be inspected and/or sampled shall be promptly removed by the industrial user at the written or verbal request of the Director of Public Works and shall not be replaced. The costs of clearing such access shall be born by the industrial user.
- (E) Unreasonable delays in allowing authorized City of Harrison personnel access to the industrial user's premises shall be a violation of this ordinance.

(2) Search Warrants

If the Director of Public Works has been refused access to a building, structure or property or any part thereof, and if the Director of Public Works is able to demonstrate probably cause to believe that there may be a violation of this ordinance or that there is a need to inspect as part of a routine inspection program of the City of Harrison designed to verify compliance with this ordinance or any permit or order issued hereunder, or to protect the overall public health, safety and welfare of the community, then the Director of Public Works may, through the Harrison City Attorney, seek issuance of a search warrant from the Municipal Court of the City of Harrison. The Municipal Court of the City of Harrison may issue a search and/or seizure warrant describing therein the specific location subject to the warrant. The warrant shall specify what, if anything, may be searched and/or seized on the property described. Such warrant shall be served at reasonable hours by the Director of Public Works in the company of a uniformed police officer of the City of Harrison. In the event of an emergency effecting public health and safety, inspections may be made without the issuance of a warrant.

10.08.12 – CONFIDENTIAL INFORMATION

Information and data on an industrial user obtained from reports, surveys, wastewater discharge permit applications, wastewater discharge permits, and monitoring

programs, and from City of Harrison inspection and sampling activities, shall be available to the public without restriction—unless the industrial user specifically requests, and is able to demonstrate to the satisfaction of the City of Harrison, that the release of such information would divulge information, processes or methods of production entitled to protection as trade secrets under applicable law. When requested and demonstrated by the industrial user furnishing a report that such information should be held confidential, the portions of a report which might disclose trade secrets or secret processes shall not be made available for inspection by the public, but shall be made available immediately upon request to governmental agencies for uses related to the NPDES program or pretreatment program, and in enforcement proceedings involving the person furnishing the report. Wastewater constituents and characteristics and other “effluent data” as defined by 40 CFR 2.302 will not be recognized as confidential information and will be available to the public without restriction.

10.08.13 – PUBLICATION OF INDUSTRIAL USERS IN SIGNIFICANT NONCOMPLIANCE

The City of Harrison shall publish annually, in the largest daily newspaper published in the municipality where the POTW is located, a list of the industrial users which, during the previous 12 months, were in significant noncompliance with applicable pretreatment standards and requirements. The term significant noncompliance shall mean:

- (A) chronic violations of wastewater discharge limits, defined here as those in which 66 percent or more of all of the measurements taken for the same pollutant parameter during a 6-month period exceed (by any magnitude) a numeric 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 percent or more of all of the measurements taken for the same pollutant parameter during a 6-month period equal or exceed the product of the numeric Pretreatment Standard or Requirement including instantaneous limits, as defined by 40 CFR 403.3(1) multiplied by the applicable TRC (TRC = 1.4 for BOD, TSS, fats, oils, and grease, and 1.2 for all other pollutants except pH);
- (C) any other discharge violation that the City of Harrison believes has caused, alone or in combination with other discharges, interference or pass-through (including endangering the health of City personnel or the general public);

- (D) any discharge of pollutants that has caused imminent endangerment to the public or to the environment, or has resulted in the City of Harrison exercising 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 30 days after the due date, any required reports, including baseline monitoring reports, 90 day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules;
- (G) failure to accurately report noncompliance; or
- (H) any other violation(s) which may include a violation of Best Management Practices, which the City of Harrison determines will adversely affect the operation or implementation of the local pretreatment program.

10.08.14 – ADMINISTRATIVE ENFORCEMENT REMEDIES

(1) Notification of Violation

Whenever the Director of Public Works finds that any user has violated or is violating this ordinance, a wastewater discharge permit or order issued hereunder, or any other pretreatment requirement, the Director of Public Works or his agent may serve upon said user a written Notice of Violation. Within twenty (20) calendar days of the receipt of this notice, an explanation of the violation and a plan for the satisfactory correction and prevention thereof, to include specific required actions, shall be submitted by the industrial user to the Director of Public Works.

(2) Consent Orders

The Director of Public Works is hereby empowered to enter into Consent Order, assurances of voluntary compliance, or other similar documents establishing an agreement with any user responsible for noncompliance. Such orders may include specific action to be taken by the user to correct the noncompliance within a time period also specified by the order. Consent Orders shall have the same force and effect as the administrative orders issued pursuant to Sections 10.08.14 (4) and (5) below and shall be judicially enforceable.

(3) Show Cause Hearing

The Director of Public Works may order any user which causes or contributes to violation(s) of this ordinance, wastewater discharge permits, or orders issued hereunder, or any other pretreatment standard or requirement, to appear before the Harrison City Council and show cause why a proposed enforcement action should not be taken. Notice shall be served on the industrial user specifying the time and place for the show cause hearing, the proposed enforcement action, the reasons for such action, and a request that the user show cause why this proposed enforcement action should not be taken. The notice of the hearing shall be served at least ten (10) working days prior to the hearing. Such notice may be served in any method or manner permitted under Arkansas Law, or Arkansas Rules of Civil Procedure. Service of notice shall be sufficient when served by certified mail, return receipt requested, and delivered to the addressee only, at the address of the user shown on any wastewater discharge permit issued to it by the City of Harrison. Such notice may be served on any authorized representative of the user. Whether or not the user appears as ordered, immediate enforcement action may be pursued following the hearing date. A show cause hearing shall not be a prerequisite for taking any other action against the user.

(4) Compliance Orders

When the Director of Public Works finds that a user has violated or continues to violate the ordinance, wastewater discharge permits or orders issued hereunder, or any other pretreatment standard or requirement, he may issue an order to the user responsible for the discharge directing that the user come into compliance. If the user does not come into compliance within the time specified in the Director of Public Works' compliance order, sewer service may be discontinued unless adequate treatment facilities, devices, or other related appurtenances are installed and properly operated. Compliance orders may also contain other requirements to address the noncompliance, including additional self-monitoring, and management practices designed to minimize the amount of pollutants discharged to the sewer. A compliance order may not extend the deadline for compliance established for a Federal pretreatment standard or requirement, nor does a compliance order release the user of liability for any violation, including any continuing violation. Issuance of a compliance order shall not be a prerequisite to taking any other action against the user.

(5) Cease and Desist Orders

When the Director of Public Works finds that a user is violating this ordinance, the user's wastewater discharge permit, any order issued hereunder, or any other pretreatment standard or requirement, or that the user's past violations are likely to recur, the Director of Public Works may issue an order to the user directing it to cease and desist all such violations and directing the user to:

- (A) immediately comply with all requirements.

- (B) take such appropriate remedial or preventive action as may be needed to properly address a continuing or threatened violation, including halting operations and/or terminating the discharge.

Issuance of a cease and desist order shall not be a prerequisite to taking any other action against the user.

(6) Emergency Suspensions

The Director of Public Works may immediately suspend a user's discharge (after informal notice to the user) whenever such suspension is necessary in order 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 of Public Works 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.

- (A) 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 of Public Works shall 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 of Public Works shall allow the user to recommence its discharge when the user has demonstrated to the satisfaction of the City of Harrison that the period of endangerment has passed, unless the termination proceedings set forth in Section 10.08.14 (7) below are initiated against the user.
- (B) 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 of Public Works, prior to the date of any show cause or termination hearing under Sections 10.08.14 (3) above and 10.08.14 (7) below.

Nothing in this section shall be interpreted as requiring a hearing prior to any emergency suspension under this section.

(7) Termination of Discharge

In addition to those provisions in Section 10.08.09 (6) above, any user that violates the following conditions of this ordinance, wastewater discharge permits, or orders issued hereunder, is subject to discharge termination.

- (A) Violation of wastewater discharge permit conditions.
- (B) Failure to accurately report the wastewater constituents and characteristics of its discharge.
- (C) Failure to report significant changes in operations or wastewater volume, constituents and characteristics prior to discharge.
- (D) Refusal of reasonable access to the user's premises for the purpose of inspection, monitoring or sampling.
- (E) Violation of the pretreatment standards in Section 10.08.06 (1) above.

Such user will be notified by the Director of Public Works of the proposed termination of its discharge and be offered an opportunity to show cause under Section 10.08.14 (3) of this ordinance why the proposed action should not be taken.

10.08.15 – JUDICIAL ENFORCEMENT REMEDIES

(1) Injunctive Relief

Whenever a use has violated a pretreatment standard or requirement or continues to violate the provisions of this ordinance, wastewater discharge permits or orders issued hereunder, or any other pretreatment requirement, the Director of Public Works may petition a Court of competent jurisdiction through the Harrison City Attorney for the issuance of a temporary or permanent injunction, as appropriate, which restrains or compels the specific performance of the wastewater discharge permit, order, or other requirement imposed by Chapter 10.08 of the Harrison Municipal Code on activities of the industrial user. Such other action as appropriate for legal and/or equitable relief may also be sought by the City of Harrison. A petition for injunctive relief need not be filed as a prerequisite to taking any other action against an industrial user.

(2) Civil Penalties

- (A) Any user which has violated or continues to violate this ordinance, any order or wastewater discharge permit hereunder, or any other pretreatment standard or requirement shall be liable to the City of Harrison for a

maximum civil penalty of One Thousand Dollars (\$1,000.00) per violation per day, as provided by Acts of Arkansas No. 884 of 1991 Legislature. In the case of violation of a monthly or other long-term average discharge limit, penalties shall accrue for each day during the period of the violation.

- (B) Such civil penalties shall be recoverable in a Court of competent jurisdiction; but, as provided by Acts of Arkansas No. 884 of 1991 Legislature, such civil proceeding may be initiated only after a majority vote of the Harrison City Council resolving to pursue such civil penalties.
- (C) The City of Harrison may recover reasonable attorney's fees, court costs, and other expenses associated with enforcement activities, including sampling and monitoring expenses, and the cost of any actual damages incurred by the City of Harrison.
- (D) 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 actions by the User, the compliance history of the User, and any other factor as justice requires.
- (E) Filing a suit seeking civil penalties shall not be a prerequisite for taking any other action against an industrial user.

(3) Criminal Prosecution

- (A) Any user that willfully or negligently violates any provision of this ordinance, any orders or wastewater discharge permits issued hereunder, or any other pretreatment requirement shall, upon conviction, be guilty of a misdemeanor, punishable by a fine of not more than One Thousand Dollars (\$1,000.00) per violation per day, as provided by Acts of Arkansas No. 884 of 1991 Legislature.
- (B) Any user that 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 this ordinance, wastewater discharge permit or order, or who falsifies, tampers with or knowingly renders inaccurate any monitoring device or method required under this ordinance shall, upon conviction, be punished by a fine

of not more than One Thousand Dollars (\$1,000.00) per violation per day, as provided by Acts of Arkansas No. 884 of 1991 Legislature.

(C) As provided by Acts of Arkansas No. 884 of 1991 Legislature, no criminal prosecution under the foregoing subparagraphs, (A) and (B) above, may be initiated except upon a majority vote of the Harrison City Council resolving to pursue such criminal prosecution.

(D) The criminal penalties provided in the foregoing subparagraphs, (A) and (B) above, shall be in addition to any other cause of action for personal injury or property damage available under State law, and shall be in addition to civil penalties which may be assessed under Section 10.08.15 (2) above.

(4) Remedies Nonexclusive

The provisions in Sections 10.08.13, 10.08.14, 10.08.15, and 10.08.16 of the Harrison Municipal Code are not exclusive remedies. The City of Harrison reserves the right to take any, all, or any combination of these actions against a noncompliant user. Enforcement of pretreatment violations will generally be in accordance with the City of Harrison's enforcement response plan. However, the City of Harrison reserves the right to take other action against any user when the circumstances warrant. Further, the City of Harrison is empowered to take more than one enforcement action against any noncompliant user. These actions may be taken concurrently.

10.08.16 – SUPPLEMENTAL ENFORCEMENT ACTION

(1) Performance Bonds

The Director of Public Works may decline to reissue a wastewater discharge permit to any user which has failed to comply with the provisions of this ordinance, any orders, or a previous wastewater discharge permit issued hereunder, unless such user first files a satisfactory bond, payable to the City of Harrison, in a sum not to exceed a value determined by the Director of Public Works to be necessary to achieve consistent compliance.

(2) Liability Insurance

The Director of Public Works may decline to reissue a wastewater discharge permit to any user which has failed to comply with the provisions of this ordinance, any order, or a previous wastewater discharge permit issued hereunder, 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.

(3) Water Supply Severance

Whenever a user has violated or continues to violate the provisions of this ordinance, orders, or wastewater discharge permits issued hereunder, water service to the user may be severed. Service will only be reconnected, at the user's expense, after the user has satisfactorily demonstrated its ability to comply.

(4) Public Nuisances

Any violation of this ordinance, wastewater discharge permits, or orders issued hereunder, is hereby declared a public nuisance and shall be corrected or abated as directed by the Director of Public Works or his designee. Any person(s) creating a public nuisance shall be required to reimburse the City of Harrison for any costs incurred in removing, abating or remedying said nuisance.

(5) Contractor Listing

Industrial users which have not achieved consistent compliance with applicable pretreatment standards and requirements are not eligible to receive a contractual award for the sale of goods or services to the City of Harrison. Existing contracts for the sale of goods or services to the City of Harrison held by a user found to be in significant noncompliance with pretreatment standards may be terminated at the discretion of the City of Harrison.

10.08.17 – AFFIRMATIVE DEFENSES TO DISCHARGE VIOLATIONS

(1) Upset

- (A) For the purposes of this section, "upset" means an exceptional incident in which there is unintentional and temporary noncompliance with categorical pretreatment standards because of factors beyond the reasonable control of the industrial user. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
- (B) An upset shall constitute an affirmative defense to an action brought for noncompliance with categorical pretreatment standards if the requirements of Section 10.08.17 (C) below, are met.
- (C) An industrial user who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:

- 1) an upset occurred and the industrial user can identify the cause(s) of the upset.
 - 2) the facility was at the time being operated in a prudent and workmanlike manner and in compliance with applicable operation and maintenance procedures.
 - 3) the industrial user has submitted the following information verbally to the POTW and treatment plant operator within 24 hours of becoming aware of the upset **and** provide a written submission with five (5) days:
 - i) a description of the indirect discharge and cause of noncompliance;
 - ii) the period of noncompliance, including exact dates and times or, if not corrected, the anticipated time the noncompliance is expected to continue; and
 - iii) steps being taken and/or planned to reduce, eliminate and prevent recurrence of the noncompliance.
- (D) In any enforcement proceeding, the industrial user seeking to establish the occurrence of an upset shall have the burden of proof.
- (E) Industrial users will have the opportunity for a judicial determination on any claim of upset only in an enforcement action brought for noncompliance with categorical pretreatment.
- (F) The industrial user shall control production or all discharges to the extent necessary to maintain compliance with categorical pretreatment standards upon reduction, loss, or failure of its treatment facility until the facility is restored or an alternative method of treatment is provided. The requirement applies in the situation where, among other things, the primary source of power of the treatment facility is reduced, lost or fails.

(2) General/Specific Prohibitions

An industrial user shall have an affirmative defense to an enforcement action brought against it for noncompliance with the general and specific prohibitions in Section 10.08.06 above, if it can prove that it did not know or have reason to know that its discharge, alone or in conjunction with discharges from other sources, would cause pass-through or interference and that either:

waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

- (D) 1) Bypass is prohibited, and the POTW may take enforcement action against an industrial user for a bypass, unless:
 - i) bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - ii) there were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 - iii) the industrial user submitted notices as required under Section 10.08.17 (3) (C) above.
- 2) The POTW may approve an anticipated bypass, after considering its adverse effects, if the POTW determines that it will meet the three conditions listed in Section 10.08.17 (3) (D) (1) above.

10.08.18 – SURCHARGE COSTS

This section has been removed

10.08.19 – MISCELLANEOUS PROVISIONS

(1) Pretreatment Charges and Fees

The City of Harrison may adopt reasonable administrative charges and fees for reimbursement of costs of setting up and operating the City of Harrison Pretreatment Program which may include:

- (A) Fees for wastewater discharge permit applications including the cost of processing such applications.
- (B) Fees for monitoring, inspection, and surveillance procedures including the cost of collection and analyzing an industrial user's discharge, and reviewing monitoring reports submitted by industrial users.

- (A) a local limit exists for each pollutant discharged and the industrial user was in compliance with each limit directly prior to, and during, the pass-through or interference; or
- (B) no local limit exists, but the discharge did not change substantially in nature or constituents from the user's prior discharge when the POTW was regularly in compliance with its NPDES permit, and in the case of interference, was in compliance with applicable sludge use or disposal requirements.

(3) Bypass

- (A)
 - 1) "Bypass" means the intentional diversion of wastestreams from any portion of an industrial user's treatment facility.
 - 2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
- (B) An industrial user may allow any bypass to occur which does not cause pretreatment standards or requirements to be violated, but only if it also is for essential maintenance or to assure efficient operation. These bypasses are not subject to the provision of Sections 10.08.17 (3) (C) and (D) below.
- (C)
 - 1) If an industrial user knows in advance of the need for a bypass, it shall submit prior notice to the POTW, at least ten days before the date of the bypass if possible.
 - 2) An industrial user shall submit oral notice of an unanticipated bypass that exceeds applicable pretreatment standards to the POTW within 24 hours from the time it becomes aware of the bypass. A written submission shall also be provided within 5 days of the time the industrial user becomes aware of the bypass. The written submission shall contain a description of the bypass and its cause; the duration of the bypass, including exact dates and times, and, if the bypass has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass. The POTW may

- (C) Fees for reviewing and responding to accidental discharge procedures and construction.
- (D) Fees for filing appeals.
- (E) Other fees as the City of Harrison may deem necessary to carry out the requirements contained herein. These fees relate solely to the matters covered by this ordinance and are separate from all other fees, fines, and penalties chargeable by the City of Harrison.

(2) Severability

If any provision of this ordinance is invalidate by any court of competent jurisdiction, the remaining provisions shall not be effected and shall continue in full force and effect.

(3) Conflicts

All other ordinances and parts of other ordinances inconsistent or conflicting with any part of this ordinance are hereby repealed to the extent of the inconsistency or conflict.

SECTION 2. Effective Date

That the Harrison City Council hereby determines that the City sewer regulations shall be revised to enable effective operation of the City's sewage treatment plant and implementation of the City's industrial pretreatment program; that such passage of this ordinance is necessary to enable such operation. Therefore, an emergency is hereby declared to exist and this ordinance shall be in full force and effect from and after its passage, approval and publication, as provided by law.

2011006674

ORDINANCE NO. 1351

FILED FOR RECORD

12/19/2011 2:48PM

JEANNIE STEEN Clerk

AN ORDINANCE ADOPTING THE
CITY OF HARRISON, ARKANSAS By *J.S.* D.C.
FAT, OIL AND GREASE CONTROL
REGULATIONS (FOG) FOR RESTAURANTS
AND FOOD ESTABLISHMENTS,
AND DECLARING AN EMERGENCY

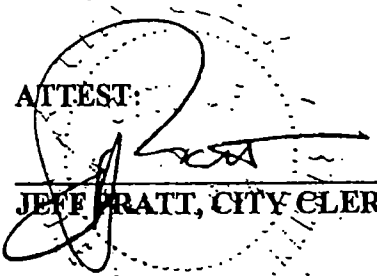
WHEREAS, it is in the best interest and safety of Harrison citizens that the City regulate and enforce a program that controls the excessive discharge of fats, oils and grease into public sewer and wastewater facilities;

NOW THEREFORE, the City Council of the City of Harrison, Arkansas, adopts the Fat, Oil, and Grease (FOG) Regulations, a copy of which regulations is attached hereto and is made a part hereof by reference; that three (3) copies of the FOG Regulations will be maintained in the office of the Harrison City Clerk in the Harrison City Hall for reference and public access.

EMERGENCY CLAUSE. This Ordinance being found necessary for the immediate benefit and well-being for the City of Harrison and its citizens, an emergency is declared to exist and this Ordinance shall be in full force and effect from and after its passage, approval and publication.

PASSED AND ADOPTED THIS 6th DAY OF December, 2011.

ATTEST:



JEFF PRATT, CITY CLERK

CITY OF HARRISON, ARKANSAS



JEFF CROCKETT, MAYOR

Public Works Department
Harrison
Arkansas

Fat, Oil, and Grease Control Program

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I. INTRODUCTION

“FOG” stands for Fat, Oil, and Grease discharged to sanitary sewers maintained by the City of Harrison’s Public Works Department. The FOG program, by ordinance, requires food-handling establishments or restaurants and sewer users that may discharge excessive FOG to have, operate, and maintain at their own expense grease interceptor and/or traps approved by the City of Harrison’s Department of Public Works. Grease interceptors and traps are devices that remove FOG and related debris from wastewater and contain them until they can be properly disposed of.

The FOG Control Program is intended to set forth uniform requirements for non-domestic users of the wastewater collection and Publicly Owned Treatment Works (POTW) for the City of Harrison, Arkansas and enables the City of Harrison, Arkansas to comply with all applicable State and Federal laws including the Clean Water Act (33 U.S.C. 1251 et seq.), and the General Pretreatment Regulations (40 CFR Part 403).

The FOG Control Program is designed to protect the sanitary sewer system from deposits of fat, oil, and grease from food-handling establishments or restaurants and other non-domestic users that can accumulate in the pipelines and facilities comprising the sanitary sewer system and resulting in blockages that cause sanitary sewer overflows.

II. ORDINANCE

Appendix A

III. PLAN

A. Definitions

Best Management Practices (BMP) – Schedule of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce pollution.

City – refers to the City of Harrison, Arkansas

Food-Handling Establishment or Restaurant – Any business that handles, processes, and/or serves food including restaurants, school cafeterias, retirement homes, bars, hotels, motels, hospitals, food processors, and other related food-handling businesses.

FOG (Fat, Oil, and Grease) – Fat, oil, and grease of animal or vegetable origin.

Grease Blanket – Floating material (usually grease) found inside a grease trap or interceptor.

Grease Interceptor or Interceptor – A pretreatment device used to separate and retain FOG. The interceptor is 500 gallons or greater in size, exceeds 50 gallons per minute in capacity, and is usually located outdoors.

Grease Trap or Trap – A pretreatment device used to separate and retain FOG. The trap is usually less than 500 gallons in size, doesn't exceed 50 gallons per minute in capacity, and is installed inside the food-handling facility.

Non-domestic User – a City sanitary sewer user that discharges wastewater that does not originate solely from humans and domestic activities such as sanitary, bath, residential laundry, residential dishwashing, residential garbage disposal and the cleaning of domestic areas or utensils.

Pollutants – Includes, but is not limited to, solid waste, oil, grease, sewage, garbage, sewage sludge, rock, sand, cellar dirt, agricultural or industrial waste, and the characteristics of wastewater.

Sanitary Sewer – A sewer in which sewage is carried, and to which storm, surface and ground water are not intentionally admitted.

Storm Sewer – A conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains) that is owned or operated by the City of Harrison and are designed or used for collecting or conveying stormwater.

POTW – means Publicly Owned Treatment Works

B. City Approval Process for Grease Interceptors and Traps

Food-handling establishments and other sewer users that discharge excessive FOG into the City of Harrison's sanitary sewer system are required by the City to have grease interceptors or traps that meet the minimum requirements set forth by this program. Grease interceptors or grease traps shall be properly designed, sited, installed, operated, and maintained. This requirement applies to both existing and new interceptors and traps.

1. New or existing food-handling establishments found to be causing a chronic problem shall install a minimum 1000-gallon outside grease interceptor, which shall be connected to all grease contributing equipment: 3-compartment sink, mop sinks, dish machines, pre-rinse disposals, food grinders, floor drains, etc., but not to restrooms (Section G2.516A of the Design, Materials, and Construction Specifications Water and Sewer Facilities City of Harrison Water and Sewer System).

2. If there is no property available to install an outside interceptor, than the food-handling establishment may request consideration for a variance by completing and submitting the following items to the Pretreatment Coordinator for approval:

- a. Grease Interceptor Variance Request form (**Appendix B**)
- b. A clear and specific description on the food-handling establishment and a clear and specific description of the waste stream, including the quantity generated, how it is generated, method of disposal, and any other pertinent information supporting the request.

All such requests will be reviewed and a determination made on a case-by-case basis within 30 days of receiving the request.

All establishments which receive a variance will be required to inspect the inside grease trap monthly or more often as determined by the City. Establishments must maintain written activity logs of cleaning, maintenance, and grease disposal (**Appendix D**). An example of instructions on how to properly clean a small grease trap can be found in **Appendix C**.

3. Exemptions

A food-handling establishment may request an exemption for the following reasons:

- a. They are not required to have a grease trap under Arkansas Plumbing Code.
- b. They do not prepare food or use fats, oil, and grease in their food preparation process.
- c. They are a non-cooking establishment which does not use fats, oil, and grease **and:**
 - i. only prepare beverage items like coffee, tea, or soda or
 - ii. are primarily engaged in the preparation of precooked food items that do not require any form of cooking, such as cold dairy and frozen food preparation/serving establishments.

Exemption requests must include clear and specific description on the food-handling facility and a clear and specific description of the food preparation process and be submitted to the Pretreatment Coordinator for approval.

All such requests will be reviewed and a determination made on a case-by-case basis within 30 days of receiving the request.

4. Waivers

In extenuating circumstances, relief from the minimum requirements may be sought. Extenuating circumstances apply only to existing establishments and will be considered on a *case-by-case basis*. All such requests will be reviewed by the Pretreatment Coordinator and a determination made within 30 days of receiving the request.

C. Grease Interceptor/Trap Installation Requirements

1. New grease interceptors or grease traps

All new food-handling establishments or restaurants and all users that discharge excessive FOG must obtain approval from the City of Harrison for their interceptor(s)/trap(s) prior to installation. All new interceptors/traps shall be installed in compliance in Sections V and VI or VII of this program.

2. Existing food-handling establishments with grease interceptors or traps that comply with Sections Sections V and VI or VII of this program prior to the implementation date of the FOG Program shall have 90 days to comply with the remainder of the requirements set forth by this program.

3. Existing food-handling establishments with a grease interceptor or trap that is not compliant with specifications for grease interceptors and traps as defined in this program prior to the implementation date of this program shall have the following deadlines to comply with the requirements set forth by this program:

a. The establishment will have 90 days from the date of the implementation of this program to submit a Plan of Action for approval to the City of Harrison Pretreatment Coordinator detailing the installation of a grease interceptor or grease trap. The Plan of Action shall include the following:

- i. preliminary target dates
- ii. site plans including floor plans, mechanical and plumbing plans
- iii. the location of the existing sewer line(s) the facility discharges into.
- iv. the location and type of existing grease interceptor or trap.

b. The establishment will have 2 years (24 months) from the date of the implementation of this program to complete the needed changes or installation in accordance with their Plan of Action. The establishment will notify the Pretreatment Coordinator **prior** to the start of construction for a site inspection. The establishment will notify the Pretreatment Coordinator when construction is completed and **prior** to the interceptor or trap being put into service.

4. Existing food-handling establishments without a grease interceptor or trap in operation prior to the implementation date of this program **and** required by this program to have a grease interceptor or trap shall install a grease interceptor or trap that meets the specifications set forth by this program as follows:

a. The establishment will have 90 days from the date of the implementation of this program to submit a Plan of Action for approval to the City of Harrison Pretreatment Coordinator detailing the installation of a grease interceptor or grease trap. The Plan of Action shall include the following:

- i. preliminary target dates
 - ii. site plans including floor plans, mechanical and plumbing plans
 - iii. the location of the existing sewer line(s) the facility discharges into.
- b. The establishment will have 2 years (24 months) from the date of the implementation of this program to complete the installation of the grease interceptor and/or grease trap in accordance with their Plan of Action. The establishment will notify the Pretreatment Coordinator **prior** to the start of construction for a site inspection. The establishment will notify the Pretreatment Coordinator when construction is completed and **prior** to the interceptor or trap being put into service.

D. Maintenance Requirements

1. General Maintenance Requirements - All grease interceptors and traps shall be maintained by the owner and/or operator at their own expense so as to be in continuously effective operation. The use of enzymes or biological grease interceptor/trap additives is not prohibited; however, they shall not be used as an alternative to the pumping of a grease interceptor/trap, or as a primary method of grease interceptor/trap maintenance.

2. Pumping/Cleaning Requirements - Pumping/cleaning of grease interceptors and traps shall include the complete removal of all contents, including floatable materials, wastewater, sludge, and solids and must comply with the requirements and procedures administered by the City of Harrison and all other applicable requirements. Pumping/Cleaning of grease interceptors shall be done at a **minimum** every 180 days. All waste removed from each grease interceptor/ trap shall be properly and lawfully removed, transported, and disposed of at facility permitted to receive such waste. (Example manifest: **Appendix E**) These records shall include:

- a. Establishment name and physical address
- b. Date of grease interceptor/trap service
- c. Time of grease interceptor/trap service
- d. Name of grease interceptor/trap service provider
- e. Established service frequency
- f. Number and size of interceptor/trap serviced at establishment location
- g. Approximated amount, per best professional judgment of service provider, of grease and solids removed from each interceptor/trap
- h. Total volume of waste removed from each interceptor/trap (including liquid)
- i. Destination of removed wastes, food solids, and wastewater disposal
- j. Signature and date of establishment personnel confirming service completion

3. Records Retention Requirement - The owner/operator shall maintain a written record of grease interceptor/trap maintenance for three (3) years. All such

records shall be available for inspection by the City of Harrison Public Works Department at all times. Records submittal may be required by the Director of Public Works on a *case-by-case basis*. An Example of a Maintenance and Inspection Log is given in **Appendix D**.

4. **Improper (Prohibited) Activities** – Improper activities that are harmful to the City of Harrison’s sanitary sewer system and are likely to trigger enforcement action against the responsible person include the following:

- Hot water running continuously through grease interceptor/trap.
- Discharge into a grease interceptor/trap of concentrated alkaline or acidic solutions, concentrated detergents, or any other hazardous substance.
- Separation, decanting or back flushing of grease interceptor/trap or its wastes.
- Any discharge of grease interceptor/trap waste to the sanitary sewer system or wastewater treatment plant.

E. Inspections

1. Inspect grease traps at least weekly and interceptors at least bi-weekly. An Example of a Maintenance and Inspection Log is given in **Appendix D**.

These inspections shall include the following:

- a. A visual inspection of the trap/interceptor.
- b. A visual inspection of a sample collected immediately downstream of the trap/interceptor.
- c. Ensure interceptor lids and cleanout caps are securely attached. Damaged lids and caps are to be replaced as soon as possible.

2. A more thorough inspection is required when the trap is pumped out and must include a visual inspection for broken/missing baffles or any other defects within the interceptor. Observed problems must be addressed as soon as possible.

3. A representative of the food-handling establishment must observe the condition of the trap/interceptor after it is serviced by a permitted grease hauler.

4. A representative of the food-handling establishment should witness grease trap/interceptor pumping and cleaning and document the following:

- a. The grease hauler is properly permitted.
- b. No material is discharged from the truck to the interceptor prior to pumping.
- c. All contents of the interceptor are removed including any buildup on the walls and bottom of the interceptor.
- d. Proper documentation including a manifest is received from the grease hauler.
- e. Contents removed from the interceptor are not reintroduced.

F. Recordkeeping Requirements

1. Manifest

a. Each pump-out of a grease trap or interceptor must be accompanied by a manifest to be used for record keeping purposes.

b. Persons who generate, collect and transport grease trap waste shall maintain a record of each individual collection and deposit. Such records shall be in the form of a manifest (Example; **Appendix E**). The manifest shall include:

i. the name, address, telephone and ADEQ registration number of transporter;

ii. the name, signature, address and phone number of the person who generated the waste and the date collected;

iii. the type and amount(s) of waste collected or transported;

iv. the name and signature(s) of responsible person(s) collecting, transporting, and depositing the waste;

v. the date and place where the waste was deposited;

vi. the identification (permit or site registration number, location and operator) of the facility where the waste was deposited;

vii. the name and signature of facility on-site representative

acknowledging receipt of the waste and the amount of waste received;

viii. the volume of the waste received

2. Maintain a log of the inspections and maintenance activities performed per items D and E of this section. Maintain a readily available file that also contains copies of manifests received from grease haulers:

a. Immediately after pumping, and

b. After the manifests are signed by a representative of the disposal facility.

3. Material Safety Data Sheets for all chemicals, soaps, cleaners and biological products used at the facility are to be maintained at the facility in an organized and accessible manner.

4. All records of activities required by this section and the BMP section of this program (training records, inspection and maintenance logs and manifests) are to be kept at the facility for a minimum of **three (3) years** and shall be readily available for review by representatives of the City of Harrison.

G. Enforcement

Strict adherence to this FOG Program is intended to maintain compliance with City of Harrison Ordinance No. ~~1352~~ for food-handling establishment discharges to the sanitary sewer. If the establishment can demonstrate adherence to the FOG Program, causes no deleterious effects to the sanitary sewer system, and no violation of the "Sewer Use" ordinance occurs; no enforcement action will be necessary.

The City of Harrison retains the right of enforcement in Section 10.08.15 of the Harrison Sewer Use Ordinance as specified in Ordinance Number 1352 for any non-compliances of this FOG Program.

1. *Schedule of Penalties*

(a) Any person violating any of the provisions of this Program shall be subject to a written warning for the first violation, a \$1000.00 civil penalty for the second violation, a \$1500.00 civil penalty for the third violation and a \$2000.00 civil penalty for the fourth violation within a two year period. Consistent violations will result in a \$500.00 increase in civil penalty and may result in termination of service.

(b) If the Director of Public Works determines that a generator is responsible for a blockage of a POTW collection system line the generator shall owe a civil penalty of \$1000.00 for the first violation, \$1500.00 for a second violation and \$2000.00 for the third violation within a two-year period. Continuous violations shall result in an increase in penalty by \$500.00 and may also result in termination of services.

IV. BMP (Best Management Practices)

A. BMP Requirements for Compliance with the Sewer Use Ordinance

Implementing the practices listed in this section is **required** for compliance with this program.

1. Employee Training:

All facility employees are to be trained on and made aware of the requirements and recommendations of this FOG program. They must have a general knowledge of the function of a grease trap and/or interceptor. Training shall also include instruction on the physical location(s) of the FOG removal device(s), their capacities and the drains and fixtures that are connected to them. New employees shall be initially trained within 1 week of employment. Additionally, each employee shall receive periodic refresher training at intervals not to exceed one year. Documentation of this training shall be kept at the facility and readily available for review by authorized representatives of the City of Harrison.

2. Structural Controls

- a. Signs that instruct employees on proper BMPs as outlined in Section IV. B. of this program shall be conspicuously posted throughout the kitchen area, particularly near sinks, dishwashers, floor drains, and trash receptacles. These signs are to be written in language(s) understood by all employees.
- b. Open floor drains must have a screen or solids trap. Screens and solids traps shall be checked and cleaned regularly. Solids cleaned from the drains are to be placed in trash receptacles.

B. BMP Requirements for Compliance With FOG Program

1. **Spills** – Spills must be cleaned up immediately. Clean up options should include absorbing the spilled pollutant. Dry pollutant must be disposed of into the trash and liquid waste into the sanitary sewer (if allowed by Ordinance 1352). If pollutants entered the storm sewer, notification must be made to the City of Harrison's POTW @ 870-741-4426. All possible steps shall be taken to clean up the spill and minimize the potential of entering the storm sewer system.
2. **Outside washing** - At no time shall pollutants be discharged to the storm sewer as a result of outside washing.
3. **Outside washing** can only be conducted on those items that cannot be moved inside, such as parking lots, sidewalks and buildings. All other items, such as vent hoods, filters, etc. must be washed inside or at another appropriate location with the discharge directed to the sanitary sewer system.
4. If **outside washing** is conducted, one of the following options must be used.
 - a. **Use water only** (within 10 degrees of ambient air temperature) - The runoff must not enter the storm sewer. Prior to outside washing, free liquids (anti-freeze, oil, gasoline) or solid pollutants (cigarette butts, trash, sediment) must be removed from the wash area. This can be accomplished through the use of absorbent materials for liquids and by dry sweeping or vacuuming for solids.
 - b. **Use chemicals with water and/or hot water** - The runoff must be captured and disposed of into the sanitary sewer. This discharge must comply with City of Harrison's Sewer Use Ordinance. Chemicals include those considered biodegradable.
5. Outside **fryer oil** containers must be kept covered and away from all storm drains.

V. DESIGN AND INSTALLATION CRITERIA FOR GREASE INTERCEPTOR

New exterior, in-ground grease interceptors shall be constructed in accordance with the criteria as set forth in this Program unless otherwise approved by the Director of Public Works. Grease Interceptors shall be designed and constructed according to the latest publications of ASTM C1613 Standard Specification for Precast Concrete Grease Interceptor Tanks or ASTM F 2649 Standard Specification for Corrugated High Density Polyethylene (HDPE) Grease Interceptor Tanks and comply with Section G2.516A of the Design, Materials, and Construction Specifications Water and Sewer Facilities City of Harrison Water and Sewer System except for the following requirements or other designs specifically approved by the Director of Public Works:

1. Grease Interceptors shall receive kitchen wastes. Kitchen wastes include, but are not limited to: 2, 3 and 4-compartment sinks, pot sinks, preparation sinks, can wash and floor drains and any other fixtures with the potential to discharge grease-laden wastewater. Domestic waste lines shall not be connected to grease interceptor service.

2. Interceptors shall be sized according to the Grease Interceptor Sizing Criteria.
3. At least one baffle wall shall be provided and shall be located a distance from inlet wall of 2/3 to 3/4 of the total length of the interceptor.
4. Each grease interceptor shall have inlet and outlet tees. The outlet tee shall be submerged to a depth of 12 inches above the tank floor. It shall extend a minimum of 5 inches above the liquid level.
5. Grease interceptors may not be installed in drive thru and parking spaces unless prior approval is granted by the Director of Public Works.
6. Cleanouts shall be installed on the inlet and outlet sides of the interceptor and extended to grade. Cleanouts shall be installed in accordance with the latest edition of the Arkansas Plumbing Code.
7. Examples of interior grease traps are shown in **Appendix F**.

VI. GREASE INTERCEPTOR SIZING CRITERIA

How to determine the Size of an Exterior, In-ground Grease Interceptor Using the Manning Formula:

Gallons of interceptor = [[GPM/fixture x total # fixture ratings of grease-laden waste streams] + direct flow from a dishwasher, can wash, mop sink (in GPM)] x 24 minute retention time. **Or**

Gallons of interceptor = [(AxB) + C] x D

Components of Equation:

1. GPM/fixture (drain line) – This is derived from the Manning Formula. It takes into account the slope, roughness of pipe (plastic) used, and pipe diameter size. When applying the Manning Formula, we arrive at the drainage rates of various pipe diameter sizes:

- 0.5 inch pipe diameter = 0.8GPM/fixture (drain line)
- 1.0 inch pipe diameter = 5.0GPM/fixture (drain line)
- 1.5 inch pipe diameter = 15 GPM/fixture (drain line)
- 2.0 inch pipe diameter = 33 GPM/fixture (drain line)
- 2.5 inch pipe diameter = 59 GPM/fixture (drain line)
- 3.0 inch pipe diameter = 93 GPM/fixture (drain line)

2. Fixture Ratings of Grease-Laden Waste Streams: Fixtures that have more grease in their waste stream received higher values while less grease corresponds to a lower value. The table is shown below:

Table of Common Commercial Kitchen Fixtures and their Corresponding Rating (each):

- 2, 3, or 4 compartment pot sink = 1.0
- 1 or 2 compartment meat preparation sink = 0.75
- Pre-rinse sink = 0.5
- 1 or 2 compartment vegetable preparation sink = 0.25

3. Direct flow from dishwasher, Can Wash and Mop Sink (in GPM): Use the following GPM values:

Dishwasher = 10 GPM, can wash and mop sink = 6 GPM

4. (24) Twenty-four minute retention time

Example #1: A restaurant has the following fixtures in their kitchen:

- (1) 3-compartment pot sink, 1.5 inch waste drain
- 1 pre-rinse sink, 1.5 inch waste drain
- (1) 1-compartment meat preparation sink, 1.5 inch waste drain
- (1) 1-compartment vegetable preparation sink, 1.5 inch waste drain
- (1) can wash (use 6 GPM)

Using the formula to size exterior grease interceptors, we get:

Gallons needed for grease interceptor

$$\begin{aligned}
 &= [15 \text{ GPM} \times [1 + 0.5 + 0.75 + 0.25] + 6 \text{ GPM}] \times 24 \text{ minutes} \\
 &= [[15 \text{ GPM} \times 2.50] + 6 \text{ GPM}] \times 24 \text{ minutes} \\
 &= [37.5 \text{ GPM} + 6 \text{ GPM}] \times 24 \text{ minutes} \\
 &= 43.5 \text{ GPM} \times 24 \text{ minutes} \\
 &= 1,044 \text{ gallons therefore a 1,000 gallon grease interceptor would be used.}
 \end{aligned}$$

Example # 2: A restaurant has the following fixtures in their kitchen:

	GPM x Grease Factor
(1) 3- compartment Pot Sink, 2.0 inch waste drain	33x1.0=33.00GPM
(1) 1 compartment Meat Prep Sink, 1.5 inch waste drain	15x0.75=11.25GPM
(1) 1 compartment Vegetable prep sink, 1.5 inch waste drain	15x0.25=3.75GPM
(1) Pre-rinse, 2.0 inch waste drain	33x0.5=16.50GPM
(1) Dishwasher (use 10 GPM)	10.00GPM
(1) Mop sink, 3 inch waste drain (use 6 GPM)	<u>6.00GPM</u>
	Total 80.50 GPM

Using the formula to size exterior grease interceptors, we get:

$$\begin{aligned}
 &\text{Total GPM} \times 24 \text{ minutes} = 1932 \text{ gallons} \\
 &\text{Therefore a 2,000 gallon grease interceptor would be used.}
 \end{aligned}$$

Interceptor sizes less than 1,000 gallons, round up to the nearest tank size available.
 Interceptor sizes greater than 1,000 gallons, round to the nearest tank size available, but no more than 10% smaller.

VII. SIZING INTERIOR (UNDER-SINK MODEL) GREASE TRAPS

Depending on the specific grease capturing needs, an indoor grease trap/interceptor may be an effective measure for preventing the discharge of fats, oils or grease into the sanitary sewer system. Manufactured interceptors come in varying sizes, usually based on a flow rate of gallons per minute, or GPM. The City recommends consulting with a licensed plumber when determining the size of your interceptor. For basic guidance, the following steps could be useful in determining the appropriate size of an indoor grease trap/interceptor:

1. Determine the cubic size of the sink(s) by multiplying its length, width, and depth together (L x W x D).
2. Convert that number into gallons using the following conversion: 1 gallon = 231 cubic feet.
3. Estimate the capacity of the sink(s) measured in Step 1. Usually, 75% of the sink(s) will be filled with water, the remaining 25% will be dishes, utensils, etc. Multiply that factor as a percentage (e.g. 75% = 0.75, 25% = 0.25, etc.) by the number calculated in Step 2. This will also serve as the flow rate.
4. Select a trap/interceptor that is the next size higher than the calculated flow rate. Example: the calculated flow rate is 78 GPM. Available interceptors are sized for 70 and 80 GPM. The most appropriate choice is the latter, an 80 GMP device.
5. Example shown in **Appendix G**.

VIII. FREQUENTLY ASKED FOG QUESTIONS

Q: What is FOG?

A: FOG stands for Fat, Oil, and Grease that are discharged to the sanitary sewer system – most often from food-handling establishments.

Q: What are the impacts of FOG?

A: FOG can clog sanitary sewer lines and cause overflows that can affect public health and the environment and increase operating costs. The majority of sanitary sewer backups occur in private drain lines between homes or businesses and the City's sanitary sewer system. The property owner or business owners are responsible for these private lines. Improper management of FOG by sewer users, primarily food-handling establishments or restaurants, has become a significant problem for wastewater collection and treatment systems. FOG can coat, congeal in, and accumulate in pipes, pumps, and equipment. When overflows occur, raw sewage spills onto the ground and sometimes reaches waterways. As a result of increasing number of overflows caused by FOG, the Environmental Protection Agency has developed new requirements for municipalities that operate collection systems.

Q: Who is required to participate in the FOG Program?

A: Any food service establishment, commercial/institutional kitchen that is connected to the City of Harrison's sanitary sewer system is required to participate in the FOG program.

Q: "Do I have a grease interceptor/trap?"

A: If you are not sure, please contact a plumber for assistance.

Q: "Do I need a grease interceptor/trap?"

A: Grease interceptors or traps are required for all food-handling establishments and all non-domestic sewer users that discharge excessive FOG.

Q: "What is the difference between a grease interceptor and grease trap?"

A: Both grease interceptors and traps are designed to remove FOG from the wastewater before it enters the City's sanitary sewer collection system. The main difference between the two is their size. An interceptor is normally 500 gallons or larger and typically located outside. A grease trap is normally 100 gallons or smaller and can be located either outside or indoors.

Q: "Isn't my business grand-fathered in under the old rules?"

A: **No.** A food-handling establishments with grease interceptors and/or grease traps in operation prior to the implementation date of this program has 90 days to comply with the requirements of this program. An existing food-handling establishments **without** a grease interceptor or grease trap in operation prior to the implementation date of this program has 2 years (24 months) to comply with the requirements of this program.

Q: "My restaurant doesn't have space to install an exterior in-ground interceptor. Are there other options?"

A: Although grease interceptors are preferred based on ease of operation, maintenance, and reliability, this program also allows for the use of grease traps where appropriate and with prior approval from the City's Pretreatment Coordinator.

Public Works Department
Harrison
Arkansas

Grease Interceptor Variance Request

Date: _____

Facility Information:

Facility Name: _____

Facility Mailing Address: _____

Company Name: _____

Company Address: _____

Contact/Title: _____

Telephone: _____

A variance is to provide specific exceptions to the Fats, Oils and Grease (FOG) Program for the City of Harrison. The FOG variance is intended to give food handling facilities an avenue to provide substantial evidence to modify FOG grease interceptor requirements while still meeting the intent of the City FOG Control Program. If the variance request is approved and modifications are granted, all other requirements of the FOG Program, and any other requirements, remain in effect.

I understand that if a variance request is approved and substantial changes are later made in terms of food service (menu or production), seating capacity, or handling procedures, the variance may become void. I also understand that if this facility does not comply with all conditions of approval that may be made in granting this variance request or, if the City subsequently obtains evidence that excessive FOG is entering the sanitary sewer collection system from this facility or contributes to a sanitary sewer overflow, the variance may become void.

In completing this Variance Request, I certify under penalty of law that this document and all attachments were prepared under my direction or my supervision of qualified personnel. To the best of my knowledge, the information submitted herein is true,

Harrison

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Arkansas

accurate, and complete. I am aware that there are significant penalties for submitting false information for knowing violations.

Signature of Authorized Representative / Title (if signature is not the "Contact" listed above)

Signature of Authorized Representative / Date

Grease Interceptor Variance Request

Check the box below that applies to your business.

Variance from Grease Interceptor Requirement Due to Installation Restrictions. A grease trap may be utilized instead of a grease interceptor if it is demonstrated to satisfaction of the reviewer that the installation of a grease interceptor is physically impractical. For purposes of this determination, physically impractical shall include, but is not necessarily limited to the following conditions:

- 1) Lack of space available on the property, or
- 2) Topographical conditions such as adequate slope for gravity flow.

Variance from Grease Interceptor Requirement Due to Grease Generating Capabilities.

Option 1: A grease trap, rather than a grease interceptor may be adequate if a facility can demonstrate that food preparation and service do not generate fats, oil, and grease in a quantity sufficient to require a grease interceptor due to menu, seating capacity, and number of meals served

Option 2: A grease trap or grease interceptor may not be required if a facility can demonstrate that food preparation and service do not generate fats, oil, and grease. For example, businesses with no food prep other than food warming, businesses serving beverages and ready to eat packaged, or unpackaged items.

Variance from Grease Interceptor Requirement to Allow Alternative Pretreatment Technology. The food service establishment may justify that the alternative pretreatment technology is equivalent or better than a grease interceptor in controlling fats, oil, and grease discharge. Alternative pretreatment technology includes, but is not limited to, devices that are used to trap, separate,

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and hold grease from wastewater and prevent it from being discharged into the sanitary sewer collection system.

Variance from Grease Interceptor Pumping Frequency. The pumping frequency determined by the City of Harrison may be decreased for a grease interceptor. The following conditions must be met in order to apply for a pumping frequency variance:

- 1) The interceptor continues to operate properly and be maintained at 25 percent (%) of its volume is occupied by accumulated grease and food waste
- 2) A no time can the discharge from the grease interceptor exceed 100 mg/L total oil and grease concentration, or visible oil sheen.
- 3) Submit 3 consecutive grease interceptor pump out reports with application.

1. **Written explanation for the need to vary from the City of Harrison FOG Ordinance** (*Separate Letter may be attached*)

2. **Food handling facility's hours of operation:**

Monday _____ Tuesday _____ Wednesday _____

Thursday _____ Friday _____ Saturday _____ Sunday _____

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Harrison
Arkansas

If seasonal, identify months of operation. _____

3. Provide information on Grease Control Device(s):
(Attach additional sheet(s) if necessary):

Location: _____

Size (Capacity): _____

Manufacturer: _____

Model #: _____

4. Provide Pre-Treatment Alternative Information (If variance requested for this option):

5. List all major equipment used for food preparation (i.e. grills, fryers, woks, etc. -include sizes/capacities if applicable).

6. Total Seating Capacity: _____

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7. Does your establishment ever utilize catering or off-site food preparation companies to provide meals?
YES or NO (Circle)

If Yes, are any of the kitchen sink fixtures used to wash soiled dishes?
YES or NO (Circle)

8. Provide an up-to-date copy of the indoor and outdoor plumbing plans including facility sewer connection, floor drains, grease removal equipment, sinks, restrooms, etc.

9. Submit a copy of the food service menu. (Breakfast, lunch, dinner, snacks, etc.)

10. Is all food served on paper plates? (Plates do not need to be washed.)
YES or NO (Circle)

11. List kitchen fixture locations, intended use, number of compartments (i.e. Pre-rinse, 1-2-3-4 compartment wash sinks, prep sinks, dishwasher, garbage disposal, etc.)

Location	Intended Use (Ex. Wash, prep., pre-rinse)	# of Compartment (ex. 1, 2, 3, 4)

Public Works Department
Harrison
Arkansas

Reviewed by City of Harrison:

Name/Title Date

Department

Variance Request is: Approved Denied Requires More
information

If approved, the City of Harrison allows the following specific exception(s) to the
FOG Program.

With the following conditions (use additional pages if necessary):

Please return to:
City of Harrison
Att Tim Holt
P.O. Box 1715
Harrison, AR 72601

Grease Trap Maintenance and Inspection Log

Establishment Name	Date	Cleaned By	Grease Disposal Location	Overall Trap Condition	Comments	Owner/Manager Signature

In accordance with Federal, State and Local requirements, this log must be kept on site for a minimum of three (3) years following the last date recorded.

Company name (Logo)
address,
phone, etc.

Manifest No. _____

Commercial Waste Manifest

ORIGINATOR INFORMATION

Originator Name _____ Contact Name _____
Address _____ Phone (____) _____
City, State _____ Zip _____ County _____
Customer # _____

Type of Trap: Grease Interceptor Oil/Water Separator Grit/Sand Trap Outside Inside

Other: _____ Trap Condition: _____

Tank #1 _____ gallons Tank #2 _____ gallons Service Frequency _____ Weeks

Tank #3 _____ gallons Tank #4 _____ gallons

Generator Certifications: I hereby certify that the wastes listed under this consignment are not hazardous, as defined in regulations promulgated by the State of Arkansas, Dept. of Environmental Quality, and that the type wastes and quantity indicated are fully accurate.

Originator Name (Printed)	Signature	Date	Time
---------------------------	-----------	------	------

TRANSPORTER INFORMATION

Company _____ Driver Name _____
Address _____ Phone (____) _____
City, State _____ Zip _____
FOG Permit #: _____ Truck #: _____

Transporter Certification: I hereby acknowledge receipt of the above listed waste and will transport and dispose of it in accordance with all applicable laws.

Driver Name (Printed)	Signature	Date	Time
-----------------------	-----------	------	------

RECEIVER/DISPOSAL INFORMATION

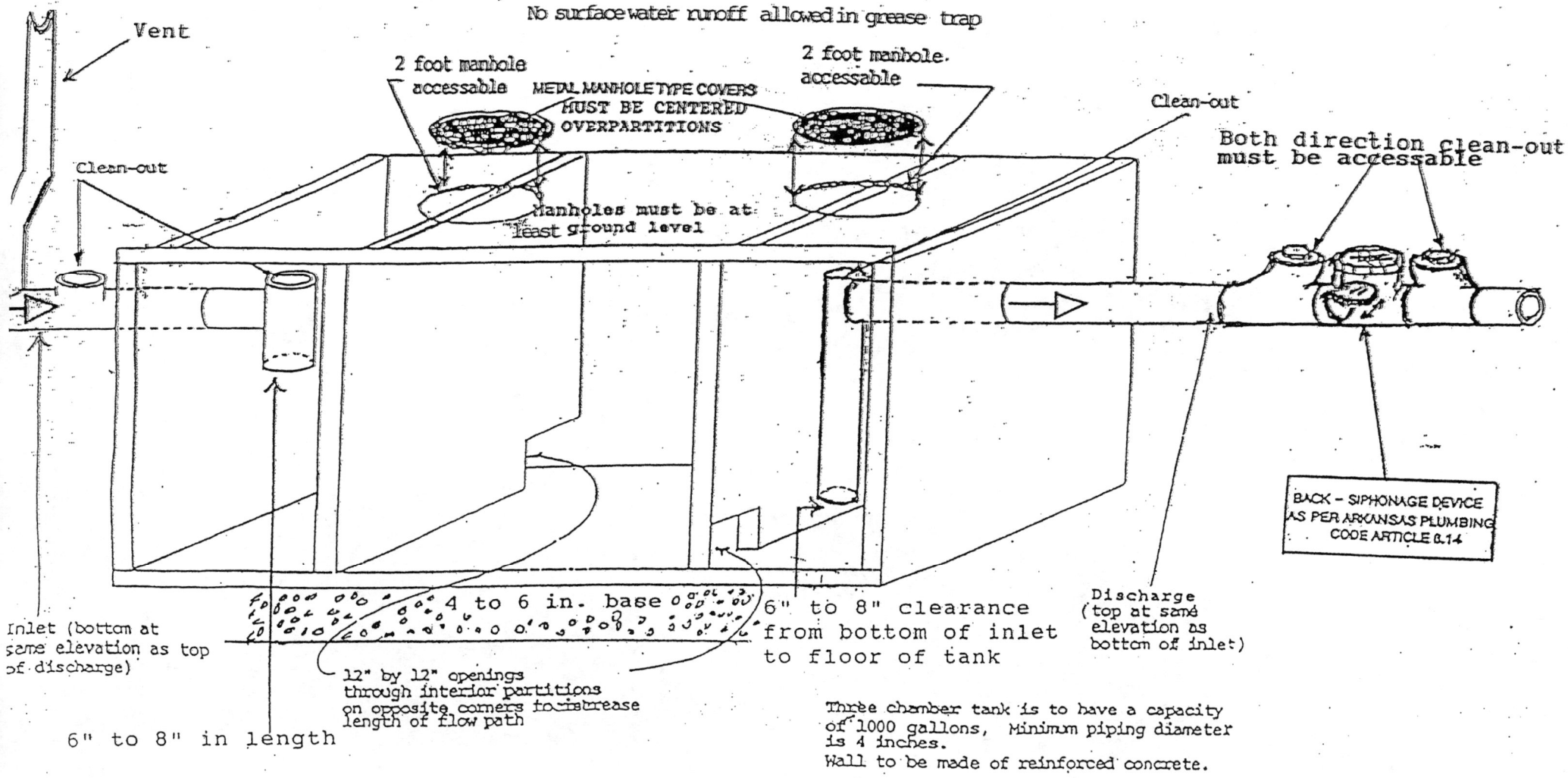
Disposal Name _____ Contact Name _____
Address _____ Phone (____) _____
City, State _____ Zip _____ County _____
EPD Approval/Permit # _____ NPDES # _____ LAS # _____
Solid Waste Handling # _____ Industrial Pretreatment Permit # _____
Total Quantity Received Gallons _____

Certification of Receipt: The above waste was received by this facility within the authorized property boundaries and will be processed, disposed of, or recycled in accordance with all applicable laws.

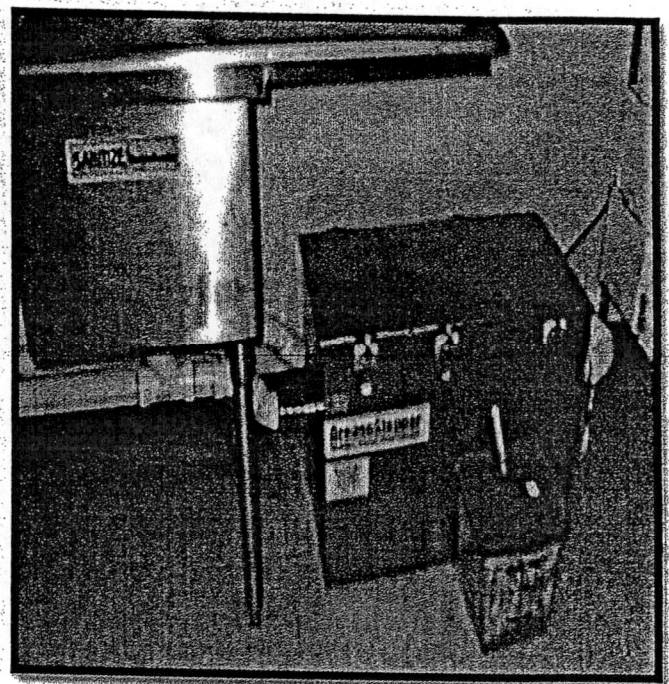
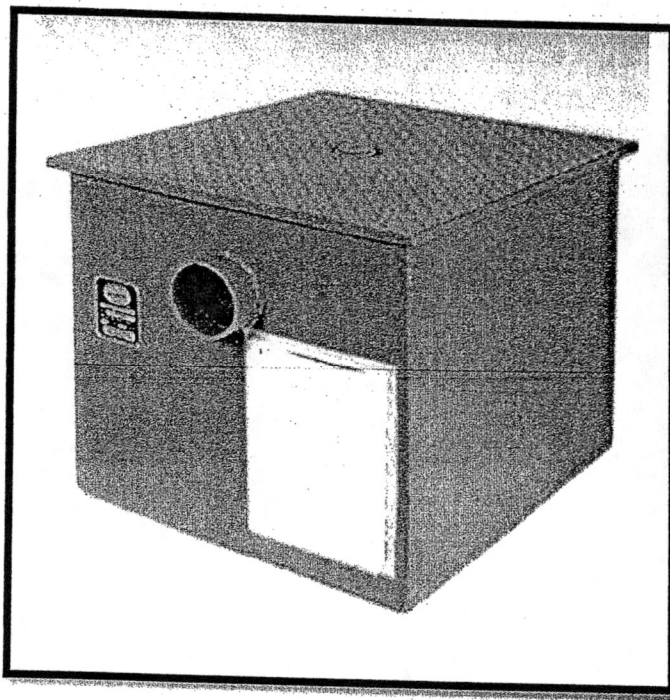
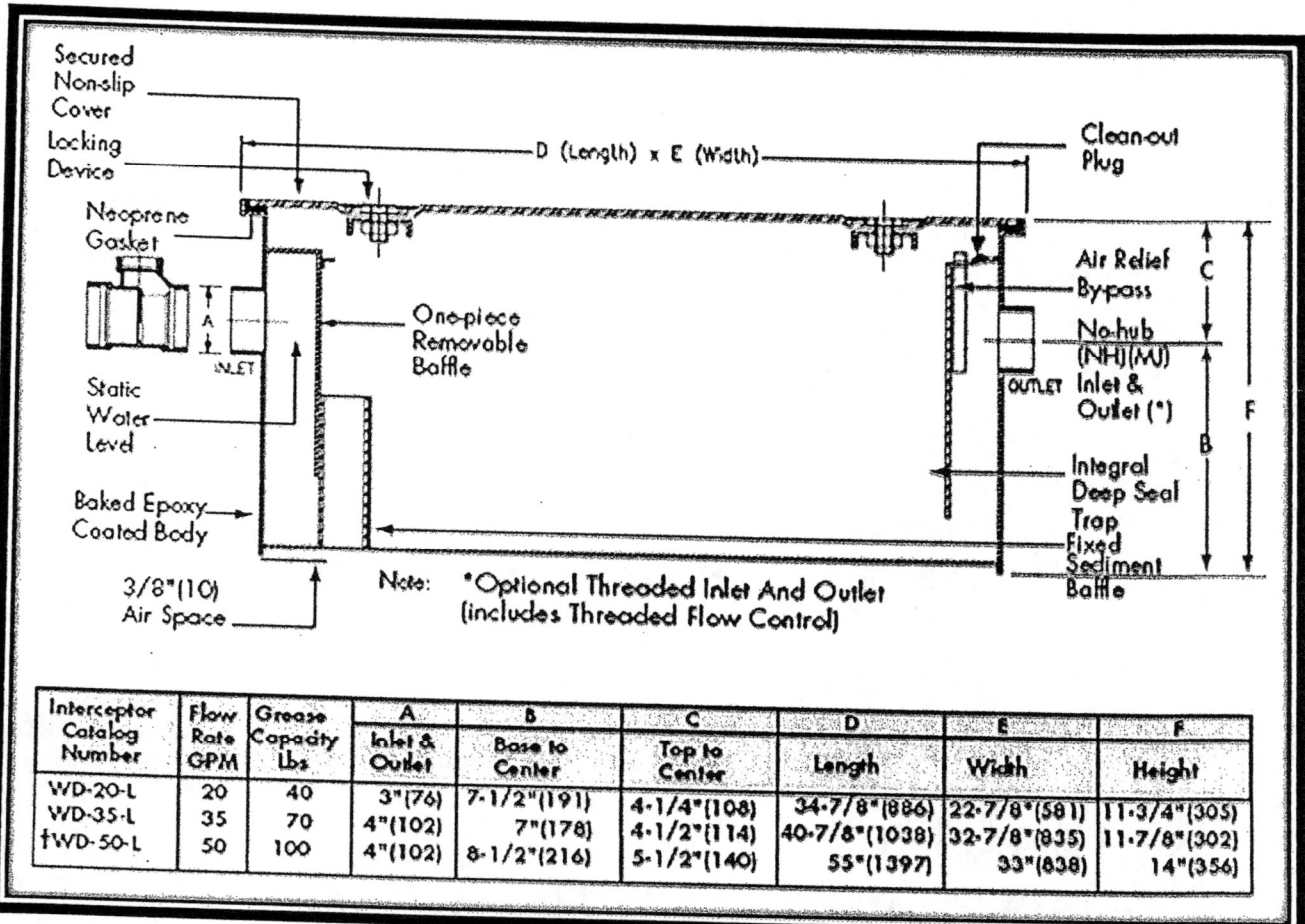
Disposal Name (Printed)	Signature	Date	Time
-------------------------	-----------	------	------

If you have any questions contact Tim Holt @ 741-4426 Industrial Pretreatment
 Jeremy Johnson @ 741-1740 Code Enforcement

CITY OF HARRISON GUIDELINES FOR RESTAURANT AND SOME CAR WASH GREASE TRAPS



EXAMPLES OF INTERIOR GREASE TRAPS



APPENDIX F
PERMIT INSTRUMENTS



City of Harrison, Arkansas

Industrial Pretreatment Program

**INDUSTRIAL WASTEWATER DISCHARGE
PERMIT APPLICATION FORM**

Last Revised: August 19, 2015

**APPLICATION FOR PERMIT FOR THE DISCHARGE OF INDUSTRIAL WASTES TO HARRISON WASTEWATER
TREATMENT PLANT**

1. REASON FOR APPLICATION

- New or proposed Point of Discharge
- Permit Renewal
- New Ownership
- Other If Other, explain:

2. COMPANY INFORMATION

A. Legal Company Name: _____

B. Facility Doing Business As (dba): _____

C. Names and Titles of Authorized representatives:

Corporate Officers/Partners/other	Title
-----------------------------------	-------

D. Facility Location Address:

Address: _____
(Street) (City) (State) (Zip)

Facility Contact Person: _____ Phone No: _____

Title: _____ E-mail: _____

E. Mailing Address:

Name: _____

Address: _____
(Street) (City) (State) (Zip)

Attention Name: _____ Phone No: _____

F. Corporate Headquarters:

Company Name: _____

Address: _____
(Street) (City) (State) (Zip)

Phone No: _____

3. NATURE OF OPERATION(S)

A. Standard Industrial Classification Code Number (s): _____

B. List other environmental control permits held by or for this facility: _____

C. Describe the Type of Business: _____

D. Hours of operation of facility and actual or proposed hour of operation of pretreatment system:

E. Is your manufacturing or commercial operation(s) subject to National Categorical Pretreatment Standards established under 40 CFR 403.5? Yes No

If yes, applicable National Categorical Standard(s): _____

F. Brief description of the nature of the manufacturing process or commercial activities at this facility:

G. General description of products produced at this facility by type and amount:

H. General description of type and amount of raw materials processed at this facility:

4. WASTEWATER FLOW

Quantity of Wastewater (projected for next five years in gallons)

Discharged to Harrison WWTP	Average Daily Flow (30 Day) in gallons	Maximum Daily Flow (1 Day) in gallons
Process Wastewater from _____ Operation		
Process Wastewater from _____ Operation		
Process Wastewater from _____ Operation		
Process Wastewater from _____ Operation		
Domestic Wastewater from Sanitary Sewer		
Noncontact Cooling Water		
Total Wastewater Discharged to Harrison Wastewater Treatment Plant		

List Periodic or Seasonal Variations: _____

Does the facility have discharge flow measurement device(s)? Yes No

If yes, indicate the Type/Location of each device: _____

If no, describe how the flow was determined: _____

5. WASTEWATER POLLUTANT PARAMETERS AND CONCENTRATIONS

A. Conventional Pollutants

In the spaces below, indicate the measured (or projected for new industry) average and maximum value of each of the listed wastewater pollutants.

Parameter	Average Daily Concentration (30 Day)	Maximum Daily Concentration (1 Day)
Biochemical Oxygen Demand (5 Day) mg/L ¹		
Total Suspended Solids mg/L ¹		
pH – units ²		
Oil & Grease mg/L ³		
Temperature, degrees F		

¹ Maximum average may be 300 mg/L without paying surcharge

² 5.0 to 10.0 standard units

³ Maximum 100 mg/L for one day

B. Priority Pollutants – Industries discharging any of the pollutants listed on Attachment No. 1 must perform sampling and analysis necessary to develop information required to complete

this section. In the spaces below, indicate the results of sampling and analyses for priority pollutants found in your wastewater.

Industries regulated by Federal Categorical Standards must perform (or for new industries, have performed on a like facility) sampling and analyses in accord with 40 CFR 403.12. Additionally, the following information must be recorded and maintained at and by the industry (use additional sheets if necessary):

1. Person collecting the sample
2. Time, date, and place of sample collection
3. The type of sample (grab, time weighted composite, flow weighted composite, etc.)
4. The method of collection
5. The person performing the analysis
6. The EPA approved method of analysis
7. Quality control data pertinent to the analysis.
8. Certification Statement signed by an authorized representative of the company familiar with the manufacturing or regulated processes.

PRIORITY POLLUTANT #	PARAMETER	AVERAGE DAILY CONC. (30 DAY) mg/L	MAXIMUM DAILY CONC. (1 DAY) mg/L

I HEREBY CERTIFY THAT THE ABOVE CHEMICAL ANALYSIS IS REPRESENTATIVE OF DAILY OPERATION AND THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE.

SIGNED: _____ Print Name: _____
TITLE: _____ Date: _____

C. Are the applicable National Categorical Pretreatment Standards and the Harrison local discharge limitation being met on a consistent basis? Yes No

Comments:

D. If the applicable wastewater discharge limitations are not being met consistently, is additional pretreatment and/or alteration of current operation and maintenance (O & M) required by your firm to meet the limitations? Yes No

Comments:

E. If additional pretreatment and/or O&M are required to meet the National Categorical applicable discharge limitations, submit the shortest schedule by which your facility will provide such additional pretreatment.

- a. The schedule shall contain a list of the major events leading to compliance and the expected dates of completion of such events.
- b. The completion dates of any two successive events shall not exceed nine (9) months.
- c. Within 14 days after the completion of each event, the Industrial User shall submit a progress report to the General Manager indicating:
 - date the event was completed,
 - if the event is not completed as scheduled, the reason for the delay,
 - the expected date of completion, and
 - steps taken by the Industrial User to return to the established schedule.

6. POLLUTION PREVENTION

Does the facility employ pollution prevention techniques/practices? Yes No

If Yes, please describe:

7. BEST MANAGEMENT PRACTICES

BMPs for industrial water users are a combination of proven management, educational, and physical practices that a water user can use to achieve efficient and economical conservation of water.

Does the facility employ any best management practices? Yes No

If Yes, please describe:

8. SPILL CONTROL

A. Do you have chemical storage tanks, containers, or bins, at your facility? Yes No

If yes, please list the contents and volume of each tank, container or bin. Indicate on a diagram or comment on the proximity of these tanks, containers or bins to the discharge to the Harrison sewer system.

B. Do you have floor drains in your chemical storage area(s)? Yes No

If yes, Where do they discharge to?

C. Do you have a Spill Containment (or Spill Prevention) Plan for this facility? Yes (if yes, attach copy) No

D. Please describe any previous spill events and remedial measures taken to prevent their reoccurrence.

9. DIAGRAMS AND SCHEMATICS

A. Provide on a separate sheet:

- 1) Site Plan
- 2) Manufacturing Process Layout
- 3) Floor drains
- 4) Tank Schedule
- 5) Manufacturing Process Flow Diagram and Water Balance

- B. Provide an existing or proposed Pretreatment System Process Flow and Instrumentation diagram for any and all wastewater pretreatment utilized. Show existing or proposed treatment system locations in relation to process flows on schematic drawing, including all existing and proposed connections to the City of Harrison sewer system. Show details of existing or proposed monitoring facilities.

10. SIGNATORY REQUIREMENT

I certify under penalty of law that I have personally examined and am familiar with the information in this application form and all attachments and that, based on my inquiry of those person immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment.

I, the undersigned applicant, being the authorized representative of the herein named company, do hereby request a permit to use or to continue to use and industrial sewer connection at the location indicated herein and do agree to comply with the applicable provisions of Harrison City Code regulating the use of public sewage words.

Signature of Applicant _____ Date _____

Name of Signee _____ Title of Signee _____
(Please print)

Name and phone number of contact regarding permit information: _____

CORPORATE ACKNOWLEDGMENT

STATE OF ARKANSAS)
COUNTY OF _____)

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

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

Notary Public in and for _____
County, Arkansas

My commission expires _____

APPENDIX G
INDUSTRIAL INSPECTION REPORT

Public Works Department

Harrison

Arkansas

Pretreatment Compliance Inspection Report

Inspection Date: _____
 Date of Previous Inspection: _____
 Wastewater Discharge Permit Number: _____

Section I General Information

Facility Identifying Information		
Permittee Name	Physical Address of Facility Harrison, AR	72601
Mailing Address	City, State	Zip Code

Authorized Representative (Responsible Corporate Officer, Partner, Proprietor or Highest Official)		
	() ext.	
Authorized Representative Name	Telephone No.	
	() - ext.	
Title	Fax Number.	

Duly Authorized Representative (as authorized by person above)		
	() - ext.	
Duly Authorized Representative Name	Telephone No.	
	() - ext.	
Title	Fax Number.	

Contact Person		
Contact Person Name	Email Address	
	() - ext.	
Title	Telephone No.	
	() - ext.	
Mailing Address	24-Hour Emergency Phone Number	
	() -	
City, State	Zip Code	Fax Number

1. Has any of the information above changed? Yes No

If yes, make changes as necessary.

Tim Holt-Pretreatment Coordinator
 P.O. Box 1715 Harrison, AR 72601
 (870) 741-4426-Office
 (870) 741-5022-Fax
 tim.holt@cityofharrison.com

2. Has the Pretreatment Coordinator's Office been properly notified of the changes?

Yes No NA

If no, explain why.

3. Provide the following information:

Facility Operational Information	
Primary SIC Code:	
Secondary SIC Code:	
Water Meter Number(s):	
Wastewater Treatment Plant:	
Current Wastewater Average:	

Section II. Business Activity & Wastewater Discharge Information

1. Give a brief description of the type of business, activity or service conducted at this facility. Also indicate what products are produced, if any:

2. Indicate production levels for the past calendar year and estimates for the current calendar year:

Type of Product or Brand Name	Past Calendar Year Daily Quantities (with units)	Estimate This Calendar Year Daily Quantities (with units)

3. Has the Pretreatment Coordinator's Office been properly notified of any significant production rate changes?

Yes No NA

If no, explain why.

4. Provide the following information regarding the number of employees working at the facility:

	1 st Shift	2 nd Shift	3 rd Shift	Other
	Start time:	Start time:	Start time:	Start time:
	End time:	End time:	End time:	End time:
	Approximate Number of Employees per Shift			
Mon				
Tue				
Wed				
Thu				
Fri				
Sat				
Sun				

5. Does the business activity and discharge occur throughout the year?

Yes No

If no, indicate below the months of the year during which the business activity and discharge occurs:

6. Does the business activity or discharge operation shut down for vacation, maintenance, or other reasons?

Yes No

If yes, indicate the reasons and periods when shutdown occurs:

7. Any new industrial processes, activities or wastewater sources since last inspection or planned in the next year?

Yes No

If yes, describe below (include expected volumes for new sources of wastewater):

8. Provide the following information on typical (non-sanitary) wastewater discharges.

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Holiday
Average Discharge Duration (Number of Hours per Day)								
Maximum Discharge Duration (Number of Hours per Day)								
Wastewater Discharge Start Time								
Wastewater Discharge End Time								

9. Do any batch discharges occur at the facility (batch discharges are intentional, controlled discharges that occur as the result of non-continuous operations)?

Yes No

If yes, provide the following information specific to batch discharges:

Number of batch discharges per day: _____

Average discharge volume per batch (gallons): _____

Discharge times (day(s) of the week & hours of the day): _____

Flow rate (gpm): _____

Percent of total discharge (volume of daily batch discharges ÷ total daily discharge): _____

10. Use the table below to identify the various wastewater flow sources at the facility using the following letters corresponding to stream types:

R = Categorically Regulated Process Stream (defined as wastewater from an industrial process that is regulated for a particular pollutant by a categorical pretreatment standard).

U = Unregulated process stream (defined as a wastestream from an industrial process that is not regulated by a categorical pretreatment standard and is not defined as a dilution wastestream).

D = Dilution wastestream [includes sanitary wastewater, boiler blowdown, noncontact cooling water or blowdown, stormwater streams and process wastestreams from certain industrial categories exempted by the US Environmental Protection Agency from categorical pretreatment standards—for further details see 40 CFR 403.6 (e)].

Process Description	Stream Type	Average Flow (GPD)	Discharge Type (none, batch or continuous)

Tim Holt-Pretreatment Coordinator
P.O. Box 1715 Harrison, AR 72601
(870) 741-4426-Office
(870) 741-5022-Fax
tim.holt@cityofharrison.com

Section III. Wastewater Treatment & Pollution Control

1. Has the pretreatment process or operation changed since the last inspection?

Yes No NA

If yes, explain how.

2. Was the pretreatment Coordinator's Office properly notified of the process or operation changes?

Yes No NA

If no, explain why.

3. Have the sampling/outfall/drain pipe locations changed since the last inspection?

Yes No NA

If yes, explain how.

4. Was the Pretreatment Coordinator's Office properly notified of the sampling/outfall/drain pipe locations changes?

Yes No NA

If no, explain why and have the permittee submit a map showing the changes:

5. Has the flow monitoring equipment changed since the last inspection?

Yes No NA

If yes, explain how.

6. Is a Slug Control Plan required by the facility? Yes No

If yes, indicate last revision date: _____

If no, explain why a Slug Control Plan is not required:

Tim Holt-Pretreatment Coordinator
P.O. Box 1715 Harrison, AR 72601
(870) 741-4426-Office
(870) 741-5022-Fax
tim.holt@cityofharrison.com

7. Does the Slug Control Plan include each of the following?

- a. Description of discharge practices, including non-routine batch discharges;
- b. Description of stored chemicals;
- c. Procedures for immediately notifying the Director 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 five days;
- d. If necessary, procedures to prevent adverse impact from accidental spills, including:
 - 1. Inspection and maintenance of storage areas;
 - 2. Handling and transfer of materials;
 - 3. Loading and unloading operations;
 - 4. Control of plant site run-off;
 - 5. Worker training;
 - 6. Building of containment structures or equipment;
 - 7. Measures for containing toxic organic pollutants (including solvents); and/or
 - 8. Measures and equipment for emergency response.

Yes No NA

If no, briefly explain what revisions are necessary:

8. Is the existing Slug Control Plan adequate (consider whether any changes have occurred at the facility affecting the potential for a Slug Discharge; the validity of the existing Slug Control Plan; and/or any other implementation problems with existing plan)?

Yes No NA

If no, explain:

9. Are the Material Safety Data Sheets on file and available? Yes No NA

If yes, indicate which chemical was searched for: _____

10. Has the facility submitted a Baseline Monitoring Report containing Total Toxic Organic (TTO) information?

Yes No NA

11. Does the facility use any toxic organic compound as a part of a regulated process stream subject to TTO standards published by the EPA in 40 CFR 413 through 699?

Yes No NA

If yes, list below:

12. Has the facility submitted a Toxic Organic Management Plan (TOMP)/ Solvent Management Plan (SMP) that is approved by the City? (circle the management plan that applies)

Yes No NA

If yes, indicate last revision date: _____ City Approval Date: _____

13. Was TTO Certification included with TOMP/SMP submission? Yes No NA

14. Does the TOMP/SMP include each of the following?

- a. A complete inventory of all toxic organic chemicals used as identified either by their use in regulated process operations (including organic constituents of a trade-name product); or as identified through wastewater sampling and analysis;
- b. A description of disposal methods, excluding dumping, used for inventoried compounds;
- c. Spill prevention, control, and countermeasures plan to prevent spillage or leakage of a regulated toxic organic chemical into process wastewater, floor drains, non-contact cooling water, groundwater, surface water or general discharge of a toxic organic chemical;
- d. Determination of identity and approximate quantity of toxic organic chemical used and discharged from a regulated manufacturing process; and
- e. Identity of toxic organic chemicals that may be present in wastewater discharged to the sanitary sewer as a result of a regulated process or disposal, spill, leak, rinse water carryover, air pollution control, and other source.

Yes No NA

If no, briefly explain what revisions are necessary:

15. Is the Toxic Organic Management Plan/Solvent Management Plan being implemented as approved?

Yes No NA

If no, explain what revisions are necessary:

16. List the pretreatment facilities that were inspected (also list the chemical storage areas, spill containment devices, alarms, spill clean-up and other pertinent pollution control equipment):

17. Any treatment units or control devices out of service? Yes No NA

18. Any bypassing taking place? Yes No NA

19. Any diluting taking place? Yes No NA

Tim Holt-Pretreatment Coordinator
P.O. Box 1715 Harrison, AR 72601
(870) 741-4426-Office
(870) 741-5022-Fax
tim.holt@cityofharrison.com

20. Any upsets since last inspection? Yes No NA

21. Any equipment in need of repair or maintenance? Yes No NA

22. If yes to questions 17, 18, 19, 20 or 21 above, explain and describe corrective action:

Section IV. Discharge Monitoring

1. Date of last DMR submitted by permittee: _____ NA

2. Was DMR submitted on time? Yes No NA

3. Was the DMR in compliance with the permit requirements? Yes No NA

4. Date of last sample collected by City of Harrison: _____ NA

5. Any permit violations since last inspection: Yes No

If yes, complete the following table & indicate the total number of violations: _____

Date	Violation	Date NOV Sent

6. Are the discharge records up to date? Yes No

Briefly describe discharge flow, pH or other pollutant monitoring conducted by the facility:

7. How often is flow-metering equipment calibrated? _____ NA

8. How often is pH meter calibrated? _____ NA

9. Are flow and/or pH calibration records up to date: Yes No NA
 If no, explain: _____

10. Were facility self-monitoring procedures observed? Yes No NA
 If no, indicate the date of the last time these sampling procedures were observed: _____

11. Has facility developed written sampling procedures? Yes No NA

12. Name of the person collecting the samples: _____ NA

13. Type of samples collected: _____ NA

14. Correct sample preservation methods used? Yes No NA

15. Correct sampling locations used? Yes No NA

16. Correct sample holding times taken into account? Yes No NA

17. Proper chain-of-custody procedures being observed? Yes No NA

18. If no or NA to questions 11, 12, 13, 14, 15, 16 or 17 above, explain. Address necessary corrective action if applicable (also attach a copy of the working chain-of-custody forms for the samples under review):

Section V. Hazardous Waste Documentation

1. Are hazardous waste manifest records on file? Yes No NA

2. Manifest date of last shipment: _____ NA

3. Final destination of shipment: _____ NA

4. Quantity of hazardous waste currently on site (attach additional sheets as necessary):

Waste Type	Quantity	Units	Location

Section VI. Pollution Prevention

Has the facility had any pollution prevention success stories, received any awards, or initiated any pollution prevention training programs or strategies?

Yes No

If yes, indicate the media specific quantity of pollutant reductions/resource savings and the associated cost savings that have been realized or projected. Also give a brief overview of the program:

- Water Quantity: _____ Cost Savings: _____
- Air Quantity: _____ Cost Savings: _____
- Solid Waste Quantity: _____ Cost Savings: _____

Section VII. Summary of Findings & Signatures

Give a brief summary of inspection findings, required follow-up activities and/or compliance issues that must be resolved, and provide the necessary signatures below:

I certify that the information above is, to the best of my knowledge, true and correct.

(Signature) (Date/Time)

(Signature) (Date/Time)

(Printed Name)

(Printed Name)

(Title)

Pretreatment Coordinator
(Title)

- Authorized Representative
- Duly Authorized Representative
- Contact Person

If this form is signed by the Contact Person, then a copy of this inspection report was sent to (check one):

- The Authorized Representative
- The Duly Authorized Representative

on (date): _____

by: _____
(Signature Pretreatment Coordinator)

Tim Holt-Pretreatment Coordinator
P.O. Box 1715 Harrison, AR 72601
(870) 741-4426-Office
(870) 741-5022-Fax
tim.holt@cityofharrison.com

APPENDIX H
CHAIN OF CUSTODY DOCUMENT

City Of Harrison

Chain of Custody

Client		City of Harrison		Project Number				Analysis Requested																																		
Address		1508 Silver Valley Road						(G)rab or (C)omposite																																		
		Harrison, AR 72601																																								
email address		tim.holt@cityofharrison.com																																								
Phone No.		870-741-4426		FID#																																						
FAX No.		870-741-5022		Purchase Order #																																						
Project:																																										
Project Manager		Tim Holt																																								
Type of Event:																																										
Single Daily Weekly Monthly Quarterly Semi-Annual																																										
Date	Time	Sample Identification	Matrix	Type	No.	Pres.																																				
Preservatives: (1) Nitric Acid(NH03) (2)Hydrochloric Acid(HCL)				Client Remarks/Comments:																																						
(3) Sodium Thiosulfate(Na2S203) (4) Sodium Hydroxide(Na03)																																										
Relinquished By (Sign)		Print Name / Company		Date / Time		Received By (Sign)		Print Name / Company																																		
Rec'd at Lab By:				Rec'd Date / Time:				Comments:																																		
Shipped Via		UPS		ICED		NEXT DAY AIR																																				

APPENDIX I

ASSESSMENT OF NEED FOR
TECHNICALLY BASED LOCAL LIMITS (TBLLs)

This appendix is meant to compliment and supplement Section 10.08.06(Local Limits) of the City's Sewer Use – Pretreatment Ordinance No. 1352, for development of local limits if necessary or demonstrate they are not necessary per 40 CFR 403.8(f)(4). Maximum Allowable Headworks Loadings (MAHLs), and thus Maximum Allowable Industrial Loadings (MAILs), will continually change from day to day depending on flow and wastewater characteristics. This document is meant to establish average MAHLs/MAILs over an extended period of time with enough of a safety factor to take into account those daily fluctuations, therefore avoiding the necessity to revise and adopt the City's Pretreatment Ordinance on a frequent basis.

The General Pretreatment Regulations in 40 CFR Part 403, as pursuant to 40 CFR 403.5 (a) and (b) and required by NPDES permit, requires Publicly Owned Treatment Works (POTW) having an approved pretreatment program to assess the need in adopting Technically Based Local Limits (TBLLS) of pollutants for protection of the environment, wastewater treatment facilities and sludge from pass-through or interference from common pollutants of concern. TBLLs are defined in the U.S. Environmental Protection Agency Introduction to the National Pretreatment Program publications as “specific discharge limits developed and enforced by POTWs upon industrial users (IUs) to implement the General and Specific Prohibitions listed in 40 CFR 403.5(a)(1) and (b)”, and are to be re-evaluated, typically every five (5) years.

The purpose of this appendix to the City of Harrison Industrial Pretreatment Program is to determine and document whether or not the City of Harrison needs to adopt Technically Based Local Limits (TBLLs) for Pollutants of Concern (POC) to protect its Wastewater Treatment Plant (WWTP) from Pass Through or Interference, and to assure that sludge produced by the WWTP can be disposed of by land application in accordance with 40 CFR 503 and “maybe even” protect worker health and safety. The examination of the need for TBLLs is pursuant to 40 CFR 403.5 (a) and (b), and as mandated by Part III (7)(b) of the City of Harrison Discharge Permit Number AR0034321.

POCs specified by EPA and to be included in a re-evaluation include Arsenic, Cadmium, Chromium, Copper, Cyanide, Lead, Mercury, Molybdenum, Nickel, Selenium, Silver, Zinc, BOD₅ and TSS. Sampling and analysis of POTW Influent and Effluent for calculation of TBLLs for the POCs is conducted at least four (4) times per year. Tables 2 and 3 summarize the POTW Influent and Effluent results taken from 2013 to 2015. Sampling and analysis of sludge is conducted annually, and results of sludge analysis performed from 2013 to 2015 is shown in Table 5, which shows all sludge Standards are being met.

Water Quality Standards, Sludge Loadings are established to ascertain those values in calculating the Maximum Allowable Headworks Loadings (MAHLs) and the Maximum Allowable Industrial Loadings (MAILs), which are established to protect the WWTP from pass through causing pollution of the receiving stream. Current values established using the past two years data can be found in Table 1. Applicable Water Quality Standards (WQS) are listed in regulation (XXXX) and implemented by the Arkansas Department of Environmental Quality (ADEQ), and sludge and loadings use sludge, industrial, influent, effluent and domestic only data collected by the WWTP. These values were determined in September 2012 by ADEQ State Pretreatment staff following EPA TBLL guidance and ADEQ's Continuing Planning Process as well as ADPC&E's Regulation No. 2 Water Quality Criteria. MAHLs, and therefore MAILs, in determining the need for TBLLs, as well as calculations for and adoption of TBLLs, if necessary, are chosen based on the most stringent of the three loading values.

The zero lbs/day MAILs for Selenium and Cyanide can be explained by the use of less sensitive analytical methods for the influent and domestic background samples resulting in potentially erroneous removal efficiencies. No influent or domestic background samples detected Selenium. The City of Harrison will continue studying this condition although it is suspected there are no significant industries discharging either pollutant.

CALCULATIONS OF ARKANSAS WATER QUALITY-BASED EFFLUENT LIMITATIONS

For an Arkansas River/Stream

(Reserved)

STEP 1: INPUT TWO LETTER CODE FOR ECOREGION (Use Code at Right)
Basin Name

OH
White

FACILITY

Permittee
NPDES Permit No.
Outfall No.
Plant Ave Flow (MGD) from Annual Report
SIUs Ave Flow (MGD) from Annual Report
Domestic Flow (MGD)
Plant Design Flow (MGD)
Plant Design Flow (cfs)

Harrison
34321.00
1.00
2.44
0.01
2.43
2.60
4.02

RECEIVING STREAM

Is this a large river? (see list at right)(enter "1" if yes, "0" if no; make entry as a number)
Name of Receiving Stream:
Waterbody Segment Code No.
Is this a lake or reservoir? (enter '1' if yes, '0' = no; make entry as a number)
Is seasonal critical flow applicable (1=yes, 0=no): see Reg 2 page 1-3 for details.
(Reserved) DO NOT INPUT DATA INTO CELL H25, H26 & H27.....LEAVE BLANK
(Reserved)
(Reserved) (Reserved)
(Reserved) (Reserved)
(Reserved) (Reserved)
(Reserved) (Reserved)

0
crooked creek
41
0
?
?
?
?
(Reserved)
(Reserved)
(Reserved)
(Reserved)

Arkansas River TSS (mg/l)
Arkansas River Hardness (mg/l)
Enter 7Q10 (cfs) (Reserved)
Long Term Ave / Harmonic Mean Flow (cfs)
Using Diffusers (Yes/No)
pH (Avg)
Percent (%) of 7Q10 for Chronic Criteria
Percent (%) of 7Q10 for Acute Criteria
Water Effect Ration (WER)
EPA Statistical Factor for Data (Not Applicable to these calculations)
Ave Monthly Limit LTA Multiplier (Ref: page 103 TSD for WQ-Based Toxics Control)
Max Daily Limit LTA Multiplier (Ref: " " " ")

2.50
148.00
1.10 (Reserved)
(Reserved) (Reserved)
no
7.00
0.67
0.33
1.00
N/A
1.55
3.11

Codes & TSS for Ecoregions and Large Rivers

Ouachita Mts. Eco (OM) =	2.0 mg/l	Arkansas (Ft. Smith to Dardanelle Dam	12.0 mg/l
Ozark Highlands Eco (OH) =	2.5 mg/l	Arkansas (Dardanelle Dam to Terry L&D	10.5 mg/l
Boston Mts. Eco (BM) =	1.3 mg/l	Arkansas (Terry L&D to L&D No. 5)	8.3 mg/l
Ark River Valley Eco (AV) =	3.0 mg/l	Arkansas (L&D No. 5 to Mouth)	9.0 mg/l
<i>(Plant Ave Flow from 2015 Annual Report)</i>			
<i>(SIU Flow from 2015 Annual Report = 3.9% of Plant Ave Flow)</i>			
Gulf Coastal Eco (GC) =	5.5 mg/l	White (Above Beaver Lake)	2.5 mg/l
Delta Ecoregion (DL) =	8.0 mg/l	White (Below Bull Shoals to Black Riv)	3.3 mg/l
		White (From Black River to Mouth)	18.5 mg/l
		St. Francis River	18.0 mg/l
		Ouachita (Above Caddo River)	2.0 mg/l
		Ouachita (Below Caddo River)	5.5 mg/l
		Red River	33.0 mg/l

Total Hardness for:

Arkansas River = 125 mg/l	Red River = 211 mg/l
Ouachita River = 28 mg/l	St. Francis River = 103 mg/l
White River = 116 mg/l	
Gulf Coastal = 31 mg/l	Ouachita Mount = 31 mg/l
Ozark Highlands = 148 mg/l	Ark River Valley = 25 mg/l
Boston Mount = 25 mg/l	Delta = 81 mg/l

Large Rivers

Mississippi River, Arkansas River, Red River
White (Below confluence with Black River)
Ouachita (Below confluence with Little Miss. River)

For industrial and federal facility, use the highest monthly average flow for the past 24 months. For POTWs, use the design flow.

#VALUE! => No violation or Not Applicable

WQ Limits for the Harrison

Aquatic Life
AML, ug/l

Cadmium Total	8.28
Chromium (hex)	13.98
Copper Total	48.62
Lead Total	22.16
Mercury Total	0.016
Nickel Total	499.45
Selenium Total	6.60
Silver Total	21.75
Zinc Total	406.59
Chromium (Tri)	1485.28
Cyanide Total	6.87
Beryllium Total	7.00
Arsenic	405.21

Harrison Maximum Allowable Headworks Loading

Pollutant	% Rem***	Water Quality mg/l	Water Quality* lbs/day	Sludge mg/kg	Sludge+ lbs/day	Inhibition** mg/l	Inhibition++ lbs/day	MAHL lbs/day	MAHC mg/l	Domestic lbs/day	Allocation for %SF lbs/day^	MAIL lbs/day	Max Inf Exceedec MAHC	Max Effluent vs WQS(mg/l)
Cadmium Total	67	0.0083	0.5105	85	1.294	1.00	20.35	0.5105	0.02509	0.06	0.38	0.322	No	No
Copper Total	82	0.0486	5.4963	4300	53.488	1.00	20.35	5.4963	0.27009	1.23	4.12	2.891	No	No
Lead Total	72	0.0222	1.6108	840	11.900	1.00	20.35	1.6108	0.07915	0.99	1.21	0.214	No	No
Mercury Total	93	0.00002	0.0046	57	0.625	0.10	2.03	0.0046	0.00023	0.0061	0.0035	0.000	No	0.0000
Nickel Total	5	0.4995	10.6985	420	85.680	1.00	20.35	10.6985	0.52574	0.43	8.02	7.598	No	No
Selenium Total	42	0.0066	0.2317	100	2.429	0.20	4.07	0.232	0.01139	#VALUE!	0.17	#VALUE!	No	No
Silver Total	75	0.0218	1.7707	0	0.000	0.25	5.087	1.7707	0.08701	0.10	1.33	1.227	No	No
Zinc Total	43	0.4066	14.5155	7500	177.907	0.300	6.10	6.1049	0.30000	3.55	4.58	1.030	No	No
Chromium Total	80	1.4853	151.1240	3000	38.250	1.00	20.35	20.3496	1.00000	1.01	15.26	14.248	No	No
Cyanide Total	24	0.0069	0.1839	0	0.000	0.10	2.035	0.1839	0.00904	0.83	0.14	0.000	0.0120	0.0160
Arsenic	45	0.4052	14.9923	75	1.700	0.10	2.03	1.7000	0.08354	0.06	1.28	1.214	No	No
Molybdenum	50	0.0000	0.0000	75	1.530	0.20	4.07	1.5300	0.07519	#VALUE!	1.15	#VALUE!	No	0.0044
Beryllium	50	0.007000	0.2849	0	0.000	0.10	2.0350	0.2849	0.01400	#VALUE!	0.21	#VALUE!	No	No

Dry tons/day of sludge**** 5.10 Safety Factor 0.25

* lbs/day = mg/l * 8.34 * average flow / (1-%Rem)

** Page 3-44 of EPA 833B87202 Be est @ 0.10 mg/l and Appendix G of EPA 833R04002B

+ lbs/day = (dry tons/day * 0.002 * critria(mg/kg))/ % Rem

++ lbs/day = mg/l * Flow * 8.34

^ lbs/day = (1 - SF) * MAHL

MAIL = Maximum allowable industrial loading = Allocation for % SF - Domestic

*** EPA Default Removal Eff from Page 3-56 EPA 833B87202; except Be & Mo est @ 50

****Dry tons/day of sludge from 2015

Table 1

Table 2
Influent
Date

Harrison REMOVAL EFFICIENCIES

	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc	Chromium	Cyanide	Arsenic	Molydenul	Beryllium
3/11/2014	0.0002	0.0264	0.0023	0.0001	0.0034	0.0005	0.0016	0.1280	0.0010	0.0100	0.0003	0.0016	0.0003
4/3/2014	0.0001	0.0170	0.0008	0.0001	0.0040	0.0005	0.0013	0.0500	0.0013	0.0100	0.0003	0.0023	0.0003
7/29/2014	0.0001	0.0225	0.0013	0.0001	0.0314	0.0005	0.0008	0.0715	0.0181	0.0100	0.0003	0.0015	0.0003
10/6/2014	0.0001	0.0176	0.0010	0.0001	0.0070	0.0005	0.0001	0.0586	0.0151	0.0050	0.0003	0.0030	0.0003
1/7/2015	0.0001	0.0125	0.0012	0.0001	0.0031	0.0005	0.0007	0.0585	0.0010	0.0050	0.0003	0.0010	0.0003
4/7/2015	0.0001	0.0201	0.0014	0.0001	0.0012	0.0005	0.0008	0.0676	0.0013	0.0120	0.0003	0.0026	0.0003
7/23/2015	0.0001	0.0065	0.0005	0.0001	0.0009	0.0005	0.0001	0.0210	0.0010	0.0050	0.0005	0.0017	0.0003
10/8/2015	0.0001	0.0365	0.0010	0.0001	0.0079	0.0005	0.0013	0.0636	0.0011	0.0100	0.0007	0.0015	0.0003
Detection Level (DL)	0.0005	0.0005	0.0005	0.000005	0.0005	0.0050	0.0005	0.0200	0.0100	0.0100	0.0005	0.0100	0.0005
Average	0.00006	0.01989	0.00119	0.00010	0.00735	0.00050	0.00084	0.06485	0.00498	0.00838	0.00034	0.00190	0.00025
Maximum	0.0002	0.0365	0.0023	0.0001	0.0314	0.0005	0.0016	0.1280	0.0181	0.0120	0.0007	0.0030	0.0003
All Concs > DL (Yes/No)	No	Yes	Yes	Yes	Yes	No	No	Yes	No	No	No	No	No

Table 3

Effluent

Date	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc	Chromium	Cyanide	Arsenic	Molydenul	Beryllium
2/26/2014	0.0001	0.0036	0.0003	0.0000	0.0160	0.0010	0.0001	0.0598	0.0010	0.0050	0.0003	0.0010	0.0003
4/3/2014	0.0001	0.0012	0.0003	0.0000	0.0057	0.0010	0.0001	0.0240	0.0010	0.0050	0.0003	0.0010	0.0003
7/24/2014	0.0001	0.0040	0.0003	0.0000	0.0094	0.0010	0.0001	0.0199	0.0010	0.0050	0.0003	0.0012	0.0003
10/6/2014	0.0001	0.0018	0.0005	0.0000	0.0042	0.0010	0.0001	0.0409	0.0010	0.0050	0.0003	0.0029	0.0003
1/7/2015	0.0001	0.0083	0.0007	0.0000	0.0031	0.0010	0.0003	0.0645	0.0010	0.0050	0.0003	0.0020	0.0003
4/7/2015	0.0001	0.0026	0.0003	0.0000	0.0049	0.0010	0.0001	0.0321	0.0010	0.0160	0.0003	0.0011	0.0003
7/23/2015	0.0001	0.0047	0.0003	0.0000	0.0060	0.0010	0.0001	0.0503	0.0010	0.0050	0.0003	0.0044	0.0003
10/8/2015	0.0001	0.0029	0.0003	0.0000	0.0066	0.0010	0.0001	0.0032	0.0010	0.0050	0.0003	0.0013	0.0003

Detection Level	0.0005	0.0005	0.0005	0.000005	0.0005	0.0050	0.0005	0.0200	0.0100	0.0100	0.0005	0.0100	0.0005
Average	0.00005	0.00364	0.00033	0.00001	0.00696	0.00100	0.00013	0.03684	0.00100	0.00638	0.00025	0.00186	0.00025
Maximum	0.0001	0.0083	0.0007	0.0000	0.0160	0.0010	0.0003	0.0645	0.0010	0.0160	0.0003	0.0044	0.0003
All Concs > DL (Yes/No)	No	Yes	No	No	Yes	No	No	No	No	No	No	No	No
% Rem													
	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc	Chromium	Cyanide	Arsenic	Molydenul	Beryllium
Average	20	82	72	93	5	-100	84	43	80	24	26	2	0
EPA % REM	67	86	61	60	42	50	75	79	82	69	45	50	50

Table 5– City of Harrison Sludge Data: 2013 to 2015 (all results are Total)

Date	As mg/kg	Cd mg/kg	Cu mg/kg	Pb mg/kg	Hg mg/kg	Mo mg/kg	Ni mg/kg	Se mg/kg	Zn mg/kg
9-11-13	<8.00	1.56	354	30.2	2.38	4.96	51.5	<8.00	1060
11-18-14	<8.00	1.30	388	31.8	3.43	9.44	68.6	<8.00	1140
10-13-15	<8.00	1.02	441	35.7	2.52	12.8	52.6	<8.00	484
AVG.	<8.00	1.29	394.3	32.5	2.7	9.0	57.5	<8.00	894.6
EPA Maximum Limits, mg/kg	75	85	4300	840	57	75	420	100	7500

Table 6 – Average Industrial Loadings and MAILs comparison

Average industrial loadings and total industrial loadings

Industry	Cd lbs/day	Cr lbs/day	Cu lbs/day	Pb lbs/day	Ni lbs/day	Se lbs/day	Ag lbs/day	Zn lbs/day	CN lbs/day
Anchor Die Cast		0.32	0.12	<0.8	0.36			0.485	<.100
Pace Industries	<0.31		0.32	0.58	0.13		<0.14	0.27	<.20
Claridge Extrusions		0.13						0.0105	<.20
TIL	0.322	14.248	2.891	0.214	7.598		1.227	1.03	0
MAX %	31.00%	2.20%	11.40%	3.70%	4.80%		11.40%	4.60%	0.00%

Based on the Arkansas Department of Environmental Quality's spreadsheet calculations and Harrison's site specific data, the City of Harrison has demonstrated that local limits are not necessary as per 40 CFR 403.8f4.

For the parameters of Mercury and Cyanide, the City of Harrison will continue to look for sources of mercury and cyanide. There is no significant industry in Harrison that Cyanide on the property. We will continue to use common sense sampling technique for sampling mercury.

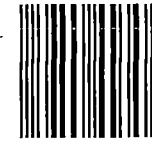
TBLs for the City of Harrison should be reevaluated whenever changes in conditions require, but no less than every five (5) years.

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