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**INDUSTRIAL PRETREATMENT PROGRAM  
NASHVILLE, ARKANSAS**

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NPDES Permit No. AR0021776

Administered by  
City of Nashville

August 30, 2016

**RESOLUTION NO 2016-10**

**A RESOLUTION TO ACCEPT AND ENDORSE THE PRETREATMENT PROGRAM  
FOR THE CITY OF NASHVILLE, ARKANSAS**

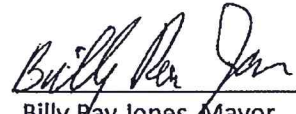
**WHEREAS**, Pretreatment Ordinance #919 was approved and passed by the Nashville City Council on August 28, 2012; and

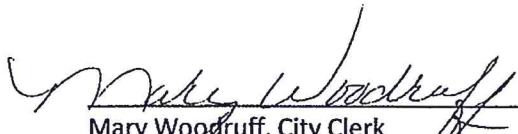
**WHEREAS**, it was not specified that the modifications to the City of Nashville's Pretreatment Program (necessary for compliance with the Federal Pretreatment Regulations per 40 CFR 403) were accepted by the City of Nashville;

**NOW, THEREFORE, BE IT RESOLVED BY THE** City Council of the City of Nashville, Arkansas that Ordinance #919 is hereby set forth and accepted as the City of Nashville Pretreatment Ordinance and that the City of Nashville, operator of the city's wastewater systems, will administer and fund the program.

This resolution shall replace #2016-08 passed on the 27<sup>th</sup> day of September 2016.

Witness our hand this 27<sup>th</sup> day of November, 2016

  
\_\_\_\_\_  
Billy Ray Jones, Mayor

  
\_\_\_\_\_  
Mary Woodruff, City Clerk

**INDUSTRIAL PRETREATMENT PROGRAM  
NASHVILLE, ARKANSAS**

NPDES Permit No. AR0021776

Administered by  
City of Nashville

August 30, 2016

Resolution will  
be passed 8/27/16  
We will send to  
you when done.

*JD*

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## SECTION I

### INTRODUCTION

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

The Nashville Industrial Pretreatment Program was originally adopted by the City of Nashville on April 12, 1993. The City of Nashville has administered the program, by Permit Control Mechanism, since its adoption.

The purposes of the Nashville 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;
- provide for fees for the equitable distribution of the cost of operation, maintenance, and improvement of the POTW;

- F. enable the City of Nashville 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.; 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 F.

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

The Nashville 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 Nashville POTW.

## SECTION 2

### NASHVILLE WASTEWATER TREATMENT PLANT

The City of Nashville discharges effluent from its wastewater treatment plant to Mine Creek, thence to Mill wood Lake, thence to the Red River in segment 1 C of the Red River Basin under authority of NPDES Permit No. AR0021 776.

The City of Nashville wastewater treatment plant, in its present configuration, utilizes a bar screen at the main influent pit for the purposes of grit and trash removal, primary treatment in the form of two aerated lagoons with magnesium hydroxide added to adjust alkalinity, secondary treatment in the form of 2 clarifiers, with polymer added for settling solids, a pre aeration basin, a UV light chamber with 2 banks of 32 lights for a total of 64 lights for the purpose of disinfection, a parshall flume for measuring flow, and a post aeration basin, with an automatic sampler for sampling effluent flow. The sludge in the aerated lagoons is checked for depth and a land application permit applied for once removal is necessary. The stabilization lagoon sludge has not been removed from the lagoon; it is now used as an equalization basin. Sludge press has not been in operation due to low amounts of sludge in the clarifiers. A schematic of the City of Nashville wastewater treatment plant is included in Appendix A.

The 30-day average discharge limits for the Nashville Wastewater Treatment Plant set forth in the current NPDES permit are 10 mg/l for BOD<sub>5</sub>, 15 mg/l for TSS, and 2 mg/l for NH<sub>3</sub>-N (May - October), and 10 mg/l for NH<sub>3</sub>-N (November - March), and 10 mg/l for NH<sub>3</sub>-N (April).

The design daily average flow is 3.5 MGD.

## SECTION 3

### INDUSTRIAL USER SURVEY

#### 1. SOURCES

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

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

#### 3.2 \_ UPDATED SURVEY

The City of Nashville has begun a survey of approximately 10 selected non-residential water customers to determine if there are additional Industrial Users discharging wastewater to the Nashville POTW who may require regulation under authority of the Nashville Industrial Pretreatment Program either as Categorical Industries, or as Significant Industrial Users as defined in Section I 0.12.03 (49) of the Nashville Municipal Code. The current non-residential survey will also serve to identify those sewer users who operate, or should operate, grease interceptors.

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 Nashville Industrial Pretreatment Coordinator will follow 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 remain cooperative with apparent intent to complete and return it per the City of Nashville request. The City of Nashville Industrial

Pretreatment Coordinator will follow 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 Nashville Municipal Code, followed by appropriate progressive enforcement remedies as provided for in Sections 10.1 2.14, 10.12.15, and 10.12.16 of the Nashville 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 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 10.12 of the Nashville Municipal Code.

TABLE 3.3

NON-RESIDENTIAL, NON-SIGNIFICANT  
NASHVILLE WASTEWATER SYSTEM USERS  
July 2010

<u>INDUSTRY</u>	<u>PRINCIPAL ACTIVITY</u>
1. 10 Minute Lube	Automotive
2. Animal Control	Animal Control
3. B&Z Manufacturing	Manufacturing
4. Car Wash	Automotive
5. Central Machine Shop	Manufacture
6. Coca Cola Plant	Liquids
7. Husqvarna	Manufacturing
8. International Paper	Manufacturing
9. L&W Laundry	Washing
10. NU Way Cleaners	Washing
11. Barnes Paper Company	Manufacturing

### 3.4 SIGNIFICANT INDUSTRIAL USERS

The following is a non-residential discharger to the POTW which currently is identified as a Significant Industrial Users as defined by Section 10.12.03 (49) of the Nashville Municipal Code which has been issued a permit and is regulated by the Nashville Industrial Pretreatment Program:

#### Jan-Eze (SIC# 3471)

Jan-Eze is located at 100 Mission Drive, in Nashville, Arkansas

Jan-Eze is subject to National Categorical Pretreatment Standard established under 40 CFR 403.5. The applicable National Categorical Standard is 433.17.

Jan-Eze process involves Hard Chromium and Electrolytic Nickel plating of small engine cylinders and several varieties of steel parts. The regulated process usually generates 28,080 gallons per day water being discharged to the POTW. Also, the process produces 15,602 lbs per month of waste.

The pretreatment process at Jan-Eze involves chemical precipitation, filtration, oil and grease separation, pH correction, and spill protection. Jan-Eze has had no permit violations since 2006.

### 3.5 MAINTENANCE OF INVENTORY OF NON-RESIDENTIAL USERS

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

The City of Nashville will update its Industrial User Survey on an ongoing basis to identify and characterized new non-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 Nashville to include those non-residential users not being monitored by industrial inspection, should be performed at least every five (5) years.



## SECTION 4

### PROGRAM PROCEDURES

The City of Nashville has developed the following program element procedures to assist implementation of the Nashville 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.

#### 4.1 MAINTENANCE OF INDUSTRIAL SURVEY AND PERMITTING PROCESS

The City of Nashville 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 10.12.03 of the Nashville Municipal Code.

The Nashville IU inventory shall be updated continuously 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.

All SIU 's are required to obtain an industrial wastewater discharge permit. The City of Nashville 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. 12 of the City of Nashville's Municipal Code and any National Categorical Standards which may apply to the SIU's wastewater discharge.

DELETE

Examples of instruments utilized in the permit process are included in Appendix H

The City of Nashville 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 Nashville 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 Nashville can determine that the contribution of permitted pollutants will not cause the POTW to violate its NPDES permit, the City of Nashville 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 C'FR 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.

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 10.12.09 of the Nashville Municipal Code.

Any person, including the permitted Industrial User, may, as provided for by Section I 0. 12.09 (3) of the Nashville Municipal Code, petition the City of Nashville to reconsider the terms of an Industrial Wastewater Discharge Permit within thirty (30) days.

#### 4.2 NOTIFICATION OF REQUIREMENTS TO INDUSTRIAL USERS

The City of Nashville Director of Public Works will notify all IU's subject to the requirements of the Nashville 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 Nashville 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 Nashville 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 Nashville Director of Public Works should evaluate, at least every two (2) years, 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 discharge 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.

#### 4.3 INDUSTRY SELF-MONITORING AND OTHER REPORTS

The City of Nashville 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 there to. 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 define by Section XX.XX.03 (50) of the Nashville 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 10.12.08 (7) of the Nashville Municipal Code and be properly signed by an authorized representative of the IU, as defined in Section 10.12.03 (4) of the Nashville 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.

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 10.12.12 of the Nashville Municipal Code and insofar as possible under the provisions of 40 CFR Part 2, be held confidential by the City of Nashville. 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.

#### 4.4 MONITORING AND INSPECTION ACTIVITIES

The City of Nashville 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 10.12.03 (49) of the Nashville Municipal Code and therefore 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 Nashville 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 Nashville POTW to determine compliance with the SIU's wastewater discharge permit and to establish surcharges for SIU's discharging unusual BOD<sub>5</sub> (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 Nashville

shall perform compliance monitoring (sampling and analyses) of the SIU's effluent at least once a year. The City of Nashville 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 Nashville will inspect each SIU at least once a year. The City of Nashville will document the results of industrial inspections by completing industrial Inspection Report.

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 Nashville may, in accord with Section I 0.12.10 (12) of the Nashville 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 should be utilized to document the validity of results of compliance monitoring.



## SECTION 5

### ENFORCEMENT RESPONSE PLAN

All violations of the City of Nashville'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 Nashville 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 Nashville 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 violations (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 I 36, to recurring failure to monitor correctly, to failure to install monitoring equipment required by the City of Nashville, 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 waste stream, to failure to mitigate a noncompliance or observe a suspension, to denial of entry, to inadequate record keeping or failure to report additional monitoring.

#### 5.1 INVESTIGATION OF VIOLATIONS

All elements responses, actions and reporting requirements of the Nashville 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 resulting 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 XX.XX.06 (1) of the Nashville 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 S.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 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 I 987 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

Section 4.1 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 Nashville 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 4.1 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

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 403.1 2 (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 Nashville 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.

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 Nashville 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 requirements.

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 Nashville Prosecutor for either Civil action to recover damages or for criminal investigation and prosecution under the provisions of Arkansas Code of 1 987 Annotated, including 1995 supplement Volume 6A, 8-4-1 03 (g) etseq.

## 5.2 ENFORCEMENT RESPONSE GUIDE

All Industrial User noncompliance will be met with some response by the City of Nashville. However, the type and severity of the selected final response remains to be determined, on a case-by-case basis, by the City of Nashville. 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 Nashville for noncompliance either by civil action or criminal prosecution should be determined by the current pretreatment ordinance.

Pages 24 through 33 set forth the current City of Nashville Industrial Pretreatment Enforcement Response Guide.

PRETREATMENT ENFORCEMENT RESPONSE  
GUIDE

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.
NMC	Nashville 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
SV	Significant Violation

<sup>1</sup>Nothing in this Enforcement Response Guide shall limit the authority of the City of Nashville to take Any action, including emergency actions or any other enforcement action, without first taking a prerequis



**Show Cause**

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

<sup>1</sup>Nothing in this Enforcement Response Guide shall limit the authority of the City of Nashville to take Any action, including emergency actions or any other enforcement action, without first taking a prerequis

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 10.12.14 (1) of Nashville Pretreatment Ordinance (NMC)
Consent Orders	Section 10.12.14 (2) of NMC
Compliance Orders	Section 10.12.14 (4) of NMC
Cease and Desist Order	Section 10.12.14 (5) of NMC
Show Cause	Section 10.12.14 (3) of NMC
Emergency Suspension	Section 10.12.14 (6) of NMC
Termination of Discharge	Section 10.12.14 (7) of NMC
Injunctive Relief	Section 10.12.15 (1) of NMC
Civil Action	Section 10.12.15 (2) of NMC & Acts of Arkansas No. 884 of 1991 Legislature
Criminal Prosecution	Section 10.12.15 (3) of NMC & Acts of Arkansas No. 884 of 1991 Legislature
Water Supply Severance	Section 10.12.16 (3) of NMC

<sup>1</sup>Nothing in this Enforcement Response Guide shall limit the authority of the City of Nashville to take any action, including emergency actions or any other enforcement action, without first taking a prerequisite action against the user

NONCOMPLIANCE VIOLATION

NATURE OF THE

RANGE OF ENFORCEMENT RESPONSES

PERSONNEL

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

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	NOV; Compliance meeting; AO to develop	PC, M, DPW,

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resulting	compliance plan; consent order with penalties	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

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

<sup>1</sup>Nothing in this Enforcement Response Guide shall limit the authority of the City of Nashville to take any action, including emergency actions or any other enforcement action, without first taking a prerequisite action against the user

	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 parameters, or monitoring not in accord with 40 CFR 136	Phone call; NOV	PC, M, DPW,
	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 Nashville	5-10 days late	Phone call; NOV	PC, M, DPW
	30 days late, without documentation of good cause acceptable to City of Nashville	Compliance meeting; show cause; consent order with penalties; civil action or criminal prosecution seeking penalties; termination of service	PC, M, DPW, City Council

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## COMPLIANCE SCHEDULES

1. Missed Milestone	Missed milestone for good cause acceptable to City of Nashville 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 Nashville which will affect subsequent milestone dates or final compliance date	Compliance meeting; show cause; consent order with penalties; civil action or criminal prosecution seeking penalties	PC, M, DPW, City Council
	Missed final compliance date for good cause acceptable to City of Nashville	Phone call; Informal letter NOV	PC, M, DPW
	Missed final compliance date or refusal to comply for no good cause acceptable to City of Nashville	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

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## OTHER PERMIT VIOLATIONS

1. Waste streams 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
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

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3. Failure to report additional monitoring

Inspection or investigation yields additional analyses required to be reported

NOV

PC, M, DPW

Recurring, chronic

Compliance meeting; showcase; consent order with penalties

PC, M, DPW

<sup>1</sup>Nothing in this Enforcement Response Guide shall limit the authority of the City of Nashville to take any action, including emergency actions or any other enforcement action, without first taking a prerequisite action against the user



### 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 6

### PUBLIC PARTICIPATION

The public participation activities of the City of Nashville 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 Nashville shall provide the following reports as public information:

#### 6.1 LOCAL PUBLICATION

The City of Nashville will determine incidences of significant noncompliance, as defined by Section 10.12.13 of the Nashville 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 Nashville Leader, or the largest daily newspaper published in the City of Nashville.

#### 6.2 ANNUAL POTW REPORTS

In compliance with 40 CFR 403.12 (i), the City of Nashville 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 7

### ORGANIZATION AND FUNDING

#### 7.1 PERSONNEL

The City of Nashville operates under the Mayor/City Council form of government. The City of Nashville is responsible for all activities including or affecting the City's POTW. Therefore, the City of Nashville is responsible for implementation of the Nashville Industrial Pretreatment Program, as shown by Figure 7.1, on the following page-Nashville Pretreatment Organization Chart. The Director of Public Works, representing the City of Nashville, manages and administers the program and provides policy for direction of and cooperation between the City of Nashville and the Industrial Users. The implementation of the Nashville Pretreatment Program is under the principal supervision of the Public Works Director. The Public Works Director 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 Nashville 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. Public Works Director. Under the direction of the Director of Public Works 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 billings of surcharges for unusual (>300 mg/l) **BOD**<sub>5</sub> 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 Director of Public Works, 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 Public Works Director, 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 resulting 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 Public Works Director 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 noncompliances.
- 12) Operation and maintenance of wastewater sampling equipment.

D. Laboratory Staff. Under the supervision of the Public Works Director, 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 Public Works Director.

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 Nashville City Attorney provides legal counsel to assist the Director of Public Works and Public Works Director with administration and enforcement of the Nashville Industrial Pretreatment Program.

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

## 7.2 EQUIPMENT

The City of Nashville 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.

## 7.3 PROGRAM COSTS AND FUNDING SOURCES

The estimated annual operating costs of the Nashville Pretreatment Program is as shown in Table 7.3, on the following pages

TABLE 7.3

ANNUAL OPERATING COST FOR  
INDUSTRIAL PRETREATMENT PROGRAM

Salaries & Benefits

Administration

Director of Public Works  
Clerical

Subtotal Administration      \$10,000

Operations

Pretreatment Coordinator  
Plant Operator(s)  
Laboratory Technician(s)

Subtotal Operations      \$30,908.80      \$40,908.80

Contract Laboratory      \$6,815.72

Legal Counsel      \$890.00

Consulting Engineer      \$10,895.00

Operating Costs

Vehicle      \$1,900      \$ 1900

Total Annual Costs ..... \$61,409.52



The \$61,409.52 annual operating cost of the pretreatment program is recovered in revenues generated by general sewer service user fees and from surcharge to SIU's who discharge unusual (> 300 mg/l) of BOD<sub>5</sub> and TSS. The present sewer service fee for usages of 2000 gallons per month is \$14.27 and \$3.04 per 1,000 gallons.

The 2009 City of Nashville Statement of Operations projects total annual revenues generated by sewer service user fees of \$393,187.00. Approximately 6 percent, or \$23,591.00 of sewer service revenue will be from SIU's whose Industrial Wastewater Discharge Permits are administered by the pretreatment program.

Section 10.12.19 (1) of the Nashville Municipal Code provides that City of Nashville 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 Nashville.

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

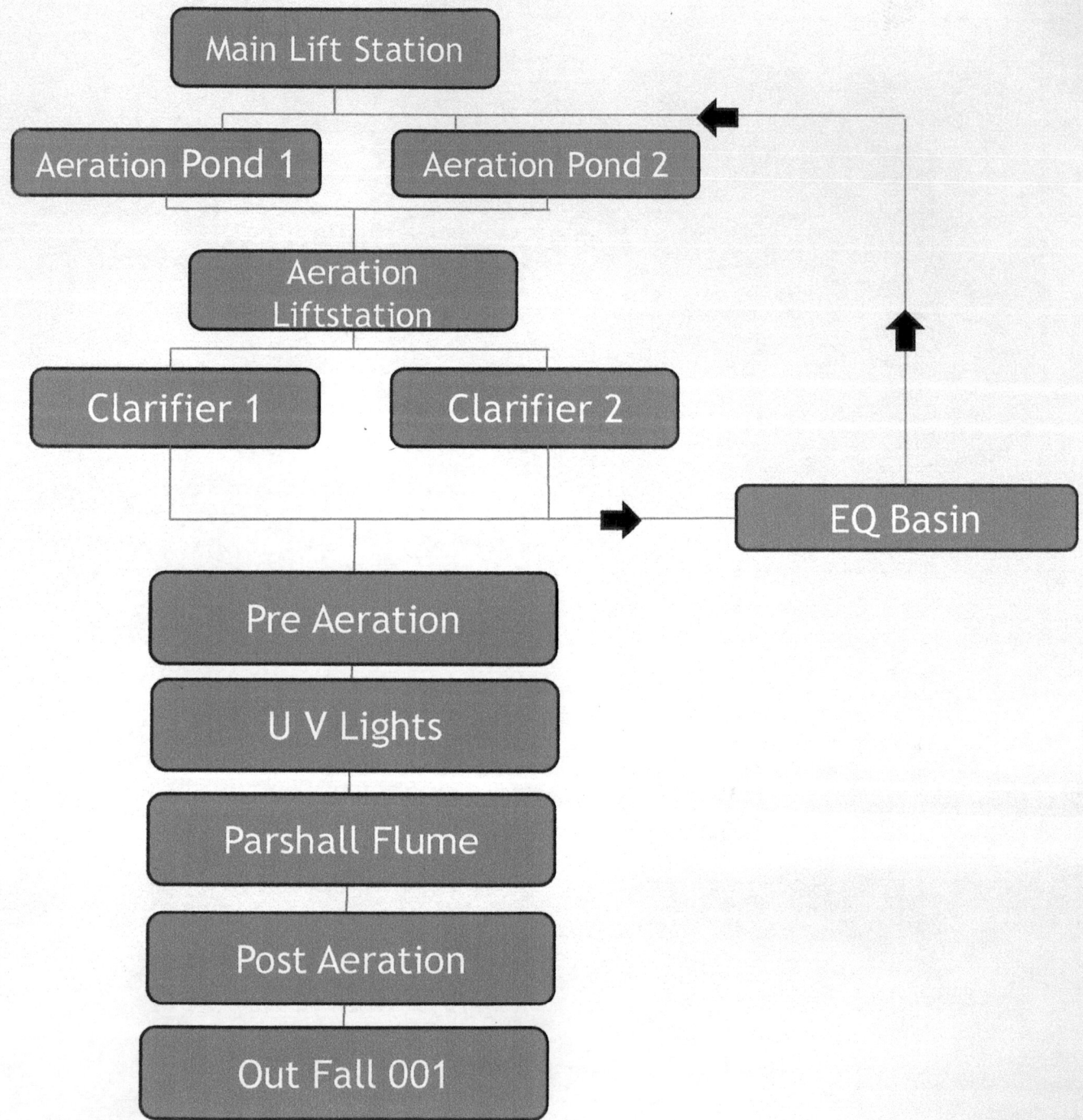
**APPENDIX'S**

<b>APPENDIX A</b>	<b>SCHEMATIC OF WASTEWATER PKLANT</b>
<b>APPENDIX B</b>	<b>PERSONNEL FLOW CHART</b>
<b>APPENDIX C</b>	<b>LIST OF CURRENT INDUSTRIAL USERS</b>
<b>APPENDIX D</b>	<b>NON-RESIDENTIAL USER SURVEY</b>
<b>APPENDIX E</b>	<b>RCRA NOTIFICATION LETTER</b>
<b>APPENDIX F</b>	<b>LOCAL LIMITS</b>
<b>APPENDIX G</b>	<b>1) RESOLUTION IOF CITY COUNCIL    2) CITY ORDINANCE</b>

**Appendix A**

**City of Nashville**

**SCHEMATIC OF WASTEWATER PLANT**



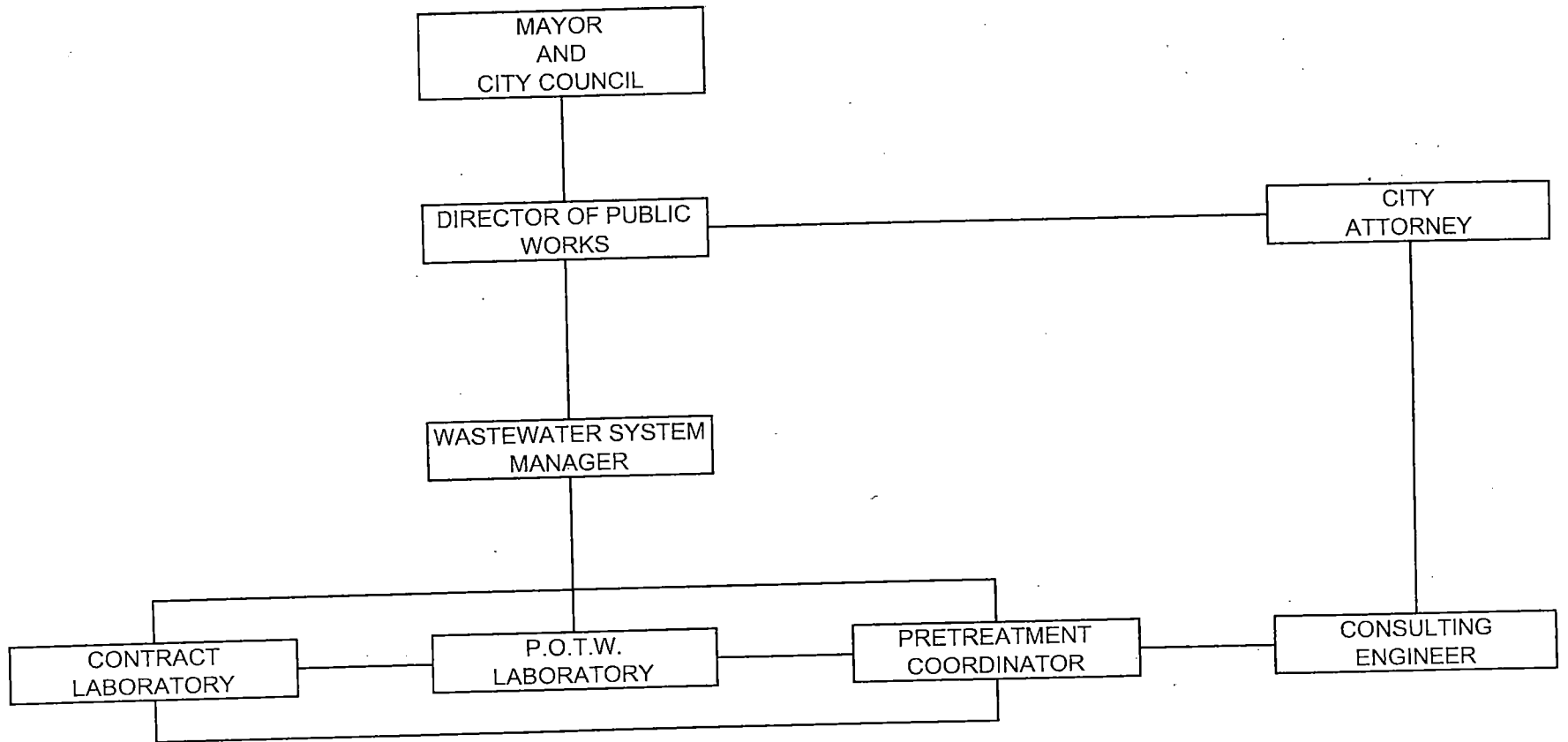
**Appendix B**

**City of Nashville**

**PERSONNEL FLOW CHART**

FIGURE 7.1

# NASHVILLE PRETREATMENT ORGANIZATIONAL CHART



**Appendix C**

**LIST OF CURRENT INDUSTRIAL USERS**

ACCOUNT BALANCE REPORT

ZONE: 01 - Zone 1

STATUS: Active

REPORT THRU DATE: 5/08/2013

START DATES: 0/00/0000 THRU 99/99/9999

LAST BILL DATES: 0/00/0000 THRU 99/99/9999

FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE			REVENUE DISTRIBUTION			
01-0150-00	MASEY PULPWOOD OFFICE 514 E RUSSELL ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
01-2250-00	NEW LIGHT CHURCH 1217 S MILL ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
01-3175-00	QUALITY CONSTRUCTION 510 E RUSSELL ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
01-3200-00	VICTORY WAY 400 E RUSSELL ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
01-4500-00	JOEY'S BARBER SHOP 203 E JACQUES ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
01-4550-00	PERRY, GENEVA 1009 S ANSLEY ST	ACTIVE	65.43	100-Wate 200-Sew	31.47 30.59	110-Wate	3.07	196-SWDA	0.30
01-5350-00	MT ZION BAPTIST CHURCH 1500 S ANSLEY ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
=====									
**** BOOK # :0001	TOTAL ACCOUNT	7	195.93	100-Water 200-Sewer	92.61 92.21	110-Water	9.01	196-SWDA	2.10
=====									
02-0050-00	LATIMER FUNERAL HOME 115 E HEMPSTEAD ST	ACTIVE	32.67	100-Wate 200-Sew	15.51 15.35	110-Wate	1.51	196-SWDA	0.30
02-0060-00	LATIMER FUNERAL HOME 115 E HEMPSTEAD ST	ACTIVE	11.48	100-Wate	10.19	110-Wate	0.99	196-SWDA	0.30



ZONE: 01 - Zone 1

START DATES: 0/00/0000 THRU 99/99/9999

STATUS: Active  
REPORT THRU DATE: 5/08/2013

LAST BILL DATES: 0/00/0000 THRU 99/99/9999

FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION					
02-0150-01	WATCO CO/ARK SOUTHERN RR 118 E HEMPSTEAD ST	ACTIVE	19.57	100-Wate 200-Sew	10.19 10.27	110-Wate 996-Unap	0.99 2.18-	196-SWDA	0.30
02-0200-00	LIFELINE MINISTRY 116 E SYPERT ST	ACTIVE	27.21	100-Wate 200-Sew	12.85 12.81	110-Wate	1.25	196-SWDA	0.30
02-1250-00	HOUSE OF PRAYER 711 S FRONT ST	ACTIVE	27.21	100-Wate 200-Sew	12.85 12.81	110-Wate	1.25	196-SWDA	0.30
02-2450-02	KLR HOLIDAY, INC. 205 E RUSSELL ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
02-5100-00	SWEPCO WAREHOUSE S MILL ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
02-7075-00	ARKANSAS DEPT OF HEALTH 201 E HEMPSTEAD ST	ACTIVE	22.72	100-Wate	13.74	200-Sew	8.98		
02-8035-00	USDA BUILDING 101 S WASHINGTON ST	ACTIVE	20.76	100-Wate	10.19	196-SWDA	0.30	200-Sew	10.27
02-8040-01	FARMER'S MARKET WASHINGTON ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
=====									
**** BOOK # :0002	TOTAL ACCOUNT	10	226.87	100-Water 200-Sewer	116.09 101.30	110-Water 996-Unapp	8.96 2.18-	196-SWDA	2.70
=====									
03-0050-02	SATELLITE SERVICE	ACTIVE	21.75	100-Wate	10.19	110-Wate	0.99	196-SWDA	0.30

ZONE: 01 - Zc

STATUS: Active

REPORT THRU DATE: 5/08/2013

START DATES: 0/00/0000 THRU 99/99/9999  
 LAST BILL DATES: 0/00/0000 THRU 99/99/9999  
 FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION						
	301 S MAIN ST			200-Sew	10.27					
03-0250-00	KFC #27 - FOWLER FOODS 320 S MAIN ST	ACTIVE	130.69	100-Wate 200-Sew	60.85 63.61	110-Wate	5.93	196-SWDA	0.30	
03-0252-00	KFC #27-FOWLER FOODS SPRINK 320 S MAIN ST	ACTIVE	11.48	100-Wate	10.19	110-Wate	0.99	196-SWDA	0.30	
03-0350-00	NASHVILLE PLUMBING 400 S MAIN ST	ACTIVE	24.84	100-Wate 196-SWDA	11.53 0.30	110-Wate 200-Sew	1.12 11.61	150-Wate 250-Sew	0.15 0.13	
03-0400-00	NEELEY'S MUFFLER SHOP 321 S MAIN ST	ACTIVE	143.59	100-Wate 200-Sew	20.83 20.43	110-Wate	2.03	196-SWDA	0.30	
03-0450-01	TOBACCO SUPERSTORE 401 S MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30	
03-0500-01	STARZ FAMILY RESTAURANT 411 S MAIN ST	ACTIVE	216.12	100-Wate 200-Sew	97.03 109.33	110-Wate	9.46	196-SWDA	0.30	
03-0550-01	TYSON FOODS 421 S MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30	
03-0600-00	FIRST NATIONAL BANK OF DEQU 420 S MAIN ST	ACTIVE	27.21	100-Wate 200-Sew	12.85 12.81	110-Wate	1.25	196-SWDA	0.30	
03-0650-03	BRASEL LAW FIRM PLLC 501 S MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30	
03-0710-01	SEASONS	ACTIVE	29.00	100-Wate	26.15	110-Wate	2.55	196-SWDA	0.30	

ZONE: 01 - ZONE 1

START DATES: 0/00/0000 THRU 99/99/9999

STATUS: Active

LAST BILL DATES: 0/00/0000 THRU 99/99/9999

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FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION					
	507 S MAIN ST								
03-0725-03	SCOTT'S AUTO BODY 506 S MAIN ST	ACTIVE	21.75	100-Wate 200-Sewe	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
03-0750-00	RENTWAY, INC. 508 S MAIN ST	ACTIVE	21.75	100-Wate 200-Sewe	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
03-0825-00	SMITH'S CLEANERS 609 S MAIN ST	ACTIVE	97.47	100-Wate 200-Sewe	46.78 45.83	110-Wate	4.56	196-SWDA	0.30
03-0950-02	CRUZ, JOSE ISMAEL 615 S MAIN ST	ACTIVE	21.75	100-Wate 200-Sewe	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
03-1050-00	FRED'S INC., SITE #2440 614 S MAIN ST	ACTIVE	106.96	100-Wate 200-Sewe	50.80 50.91	110-Wate	4.95	196-SWDA	0.30
03-1100-00	CHARLIE'S THRIFTWAY 628 S MAIN ST	ACTIVE	93.54	100-Wate 196-SWDA	40.76 1.20	110-Wate 200-Sewe	3.96 41.08	150-Wate 250-Sewe	3.45 3.09
03-1150-00	BELL, DR. RICK 708 S MAIN ST	ACTIVE	21.75	100-Wate 200-Sewe	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
03-1400-01	RAY & ASSOCIATES 724 S MAIN ST	ACTIVE	21.75	100-Wate 200-Sewe	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
03-1450-01	NASHVILLE AUTO PARTS 800 S MAIN ST	ACTIVE	21.75	100-Wate 200-Sewe	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
03-1550-03	BRAZIL KEVIN	ACTIVE	65.43	100-Wate	31.47	110-Wate	3.07	196-SWDA	0.30

ZONE: 01 - ZONE 1

STATUS: Active

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START DATES: 0/00/0000 THRU 99/99/9999

EAST BILL DATES: 0/00/0000 THRU 99/99/9999

FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION
	805 S MAIN ST		200-Sewer 30.59	
03-1715-02	SOUDER, SHIRLEY F 814 S MAIN ST	ACTIVE	21.75 100-Water 200-Sewer	10.19 110-Water 0.99 196-SWDA 0.30 10.27
03-1750-00	THE GLASS SHOP 920 S MAIN ST	ACTIVE	21.75 100-Water 200-Sewer	10.19 110-Water 0.99 196-SWDA 0.30 10.27
03-2000-00	DODSON ST CHURCH OF CHRIST 206 W DODSON ST	ACTIVE	21.75 100-Water 200-Sewer	10.19 110-Water 0.99 196-SWDA 0.30 10.27
03-2250-00	EBENEZER METHODIST CHURCH 318 W DODSON ST	ACTIVE	21.75 100-Water 200-Sewer	10.19 110-Water 0.99 196-SWDA 0.30 10.27
03-2300-00	U S PAWN 315 W DODSON ST	ACTIVE	21.75 100-Water 200-Sewer	10.19 110-Water 0.99 196-SWDA 0.30 10.27
03-2400-02	AFFORDABLE AUTO 215 W DODSON ST	ACTIVE	21.75 100-Water 200-Sewer	10.19 110-Water 0.99 196-SWDA 0.30 10.27
03-2475-01	TERMINIX (SPRINKLER) 101 W DODSON ST	ACTIVE	11.48 100-Water	10.19 110-Water 0.99 196-SWDA 0.30
03-2480-01	TERMINIX #741 101 W DODSON	ACTIVE	11.48 100-Water	10.19 110-Water 0.99 196-SWDA 0.30
03-2550-00	HENRY TURNEY RECREATION 1018 S MAIN ST	ACTIVE	32.67 100-Water 200-Sewer	15.51 110-Water 1.51 196-SWDA 0.30 15.35
03-2600-00	HENRY TURNEY RECREATION	ACTIVE	21.75 100-Water	10.19 110-Water 0.99 196-SWDA 0.30

ZONE: 01 - Zone 1

START DATES: 0/00/0000 THRU 99/99/9999

STATUS: Active  
REPORT THRU DATE: 5/08/2013

LAST BILL DATES: 0/00/0000 THRU 99/99/9999

FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION						
	1022 S MAIN ST			200-Sewer	10.27					
03-4000-00	HOUSE OF JACOB 1419 S FRONT ST	ACTIVE	21.75	100-Water 200-Sewer	10.19 10.27	110-Water	0.99	196-SWDA	0.30	
03-4550-00	WILLIAMS MEMORIAL COGIC 1210 S FRONT ST	ACTIVE	21.75	100-Water 200-Sewer	10.19 10.27	110-Water	0.99	196-SWDA	0.30	
03-5100-00	CLEMONS, WARREN 1001 S MAIN ST	ACTIVE	27.21	100-Water 200-Sewer	12.85 12.81	110-Water	1.25	196-SWDA	0.30	
=====										
**** BOOK # :0003	TOTAL ACCOUNT # 34		1,342.42	100-Water 196-SWDA	651.59 11.10	110-Water 200-Sewer	63.42 609.49	150-Water 250-Sewer	3.60 3.22	
=====										
04-0050-00	CENTRAL MACHINE SHOP S 2ND ST	ACTIVE	102.22	100-Water 200-Sewer	48.79 48.37	110-Water	4.76	196-SWDA	0.30	
04-0100-01	SUN & INC 202 W HENDERSON ST	ACTIVE	21.75	100-Water 200-Sewer	10.19 10.27	110-Water	0.99	196-SWDA	0.30	
04-0700-01	PRECIOUS MOMENTS CHILDCARE 503 W HENDERSON ST	ACTIVE	54.51	100-Water 200-Sewer	26.15 25.51	110-Water	2.55	196-SWDA	0.30	
04-1000-00	BARNES PAPER COMPANY 417 S 6TH ST	ACTIVE	21.75	100-Water 200-Sewer	10.19 10.27	110-Water	0.99	196-SWDA	0.30	
04-1050-00	BARNES PAPER COMPANY 408 S 6TH ST	ACTIVE	21.75	100-Water 200-Sewer	10.19 10.27	110-Water	0.99	196-SWDA	0.30	

ZONE: 01 - ZONE 1

START DATES: 0/00/0000 THRU 99/99/9999

STATUS: Active

LAST BILL DATES: 0/00/0000 THRU 99/99/9999

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FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION
04-7060-00	HOWARD CO AMBULANCE SERVICE 120 W SYPERT ST	ACTIVE	65.97	100-Wate 31.44 196-SWDA 0.30 110-Wate 30.61 150-Wate 3.07 250-Sewer 0.29 0.26
04-7100-00	WALLY WASH #1 108 W SYPERT ST	ACTIVE	482.19	100-Wate 202.92 200-Sewer 259.19 110-Wate 19.78 196-SWDA 0.30
04-7150-02	PEREZ, ARTURO 214 S MAIN ST	ACTIVE	11.48	100-Wate 10.19 110-Wate 0.99 196-SWDA 0.30
04-7200-01	BRITT, TONY 218 S MAIN ST	ACTIVE	43.59	100-Wate 20.83 200-Sewer 20.43 110-Wate 2.03 196-SWDA 0.30
04-7250-03	PRETTY SOUTHERN 220 S MAIN ST	ACTIVE	38.53	100-Wate 18.17 200-Sewer 17.89 110-Wate 1.77 196-SWDA 0.40 0.30
04-7450-01	KIRCHHOFF, CRAIG E 208 S MAIN ST	ACTIVE	23.93	100-Wate 11.12 196-SWDA 0.30 110-Wate 11.22 150-Water 1.08 250-Sewer 0.11 0.10
04-7550-00	JUANITA SMITH ACCOUNTING 200 S MAIN ST	ACTIVE	21.75	100-Wate 10.19 200-Sewer 10.27 110-Wate 0.99 196-SWDA 0.30
04-8100-00	PILE REXALL DRUG 116 S MAIN ST	ACTIVE	21.75	100-Wate 10.19 200-Sewer 10.27 110-Wate 0.99 196-SWDA 0.30
04-8150-05	FERGUSON HEALTH CARE 114 S MAIN ST	ACTIVE	21.75	100-Wate 10.19 200-Sewer 10.27 110-Wate 0.99 196-SWDA 0.30
04-8250-02	WOODRUFF, MARY OR KRIS 114 W HEMPSTEAD ST	ACTIVE	557.97	100-Wate 243.25 200-Sewer 243.61 110-Wate 301.XT 196-SWDA 23.65 1,074.78- 6.30

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STATUS: Active

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ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	100-Wate	110-Wate	196-SWDA	REVENUE DISTRIBUTION
04-8300-00	QUALITY SHOE STORE 110 S MAIN ST	ACTIVE	21.75	10.19 10.27	0.99	0.30	
04-8340-01	FERGUSON, LAURA 106 S MAIN ST	ACTIVE	21.75	10.19 10.27	0.99	0.30	
04-8450-00	NASHVILLE DRUG STORE 100 S MAIN ST	ACTIVE	21.75	10.19 10.27	0.99	0.30	
04-8500-00	REGIONS BANK - 4560 103 N MAIN ST	ACTIVE	21.75	10.19 10.27	0.99	0.30	
04-8550-00	REGIONS BANK - 4560 105 N MAIN ST	ACTIVE	21.75	10.19 10.27	0.99	0.30	
04-8600-03	ASIAN IMAGE 107 N MAIN ST	ACTIVE	21.75	10.19 10.27	0.99	0.30	
04-8650-04	BERRUQUIN, SUSAN 109 N MAIN ST	ACTIVE	16.14	7.56 7.62	0.74	0.22	
04-8700-00	WHITE WAY BARBER SHOP 111 N MIAN ST	ACTIVE	21.75	10.19 10.27	0.99	0.30	
04-8725-02	SPORT SHOP 113 N MAIN ST	ACTIVE	21.75	10.19 10.27	0.99	0.30	
04-8750-00	KORTLAN COMPANY INC 113 N MAIN ST	ACTIVE	21.75	10.19 10.27	0.99	0.30	

ZONE: 01 - ZC

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STATUS: Active

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FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	100-Wate	110-Wate	196-SWDA	REVENUE DISTRIBUTION
04-8775-00	KORTLAN SCREENING 115 N MAIN ST	ACTIVE	21.75	10.19 10.27	110-Wate 10.27	0.99	196-SWDA 0.30
04-8800-01	NASHVILLE LEADER 119 N MAIN ST	ACTIVE	21.75	10.19 10.27	110-Wate 10.27	0.99	196-SWDA 0.30
04-8825-00	TOLLETT'S GIFT 121 N MAIN ST	ACTIVE	21.75	10.19 10.27	110-Wate 10.27	0.99	196-SWDA 0.30
04-8850-01	CASA FOR CHILDREN 113 W CLARK ST	ACTIVE	22.15	10.19 10.27	110-Wate 397-SW	0.99 0.40	196-SWDA 0.30
04-8925-01	NUNLEY, GREG 203 N MAIN ST	ACTIVE	21.75	10.19 10.27	110-Wate 10.27	0.99	196-SWDA 0.30
04-8975-02	THE SOURCE 213 N MAIN ST	ACTIVE	21.75	10.19 10.27	110-Wate 10.27	0.99	196-SWDA 0.30
04-9000-00	TOLLETT AUTO PARTS 215 N MAIN ST	ACTIVE	21.75	10.19 10.27	110-Wate 10.27	0.99	196-SWDA 0.30
04-9050-04	NASHVILLE FLOWERS AND GIFTS 217 N MAIN ST	ACTIVE	85.53	4.93 4.97	110-Wate 400-DEP	0.48 75.00	196-SWDA 0.15
04-9150-00	JIM BOB STEELE'S OFFICE 219 N MAIN ST	ACTIVE	21.75	10.19 10.27	110-Wate 10.27	0.99	196-SWDA 0.30
04-9300-00	GRAVES & GRAVES 420 N MAIN ST	ACTIVE	43.59	20.83 20.43	110-Wate 20.43	2.03	196-SWDA 0.30



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START DATES: 0/00/0000 THRU 99/99/9999

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FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	100-Wate	110-Wate	196-SWDA	150-Wate	250-Sewer	400-DEP	397-SW
04-9320-00	BOWMAN FAMILY EYE CARE 410 N MAIN ST SUITE 3	ACTIVE	32.67	100-Wate 200-Sewer	15.51 15.35	110-Wate	1.51	196-SWDA		0.30
04-9322-00	BOWMAN FAMILY EYE CARE 410 N MAIN ST SUITE 3	ACTIVE	11.48	100-Wate	10.19	110-Wate	0.99	196-SWDA		0.30
=====										
**** BOOK # :0004	TOTAL ACCOUNT 37		954.51	100-Water 196-SWDA 301-XT	906.25 16.87 1,074.78-	110-Water 200-Sewer 397-SW	88.20 941.41 0.80	150-Water 250-Sewer 400-DEP		0.40 0.36 75.00
=====										
05-0100-00	FRIENDS, INC. 122 W HEMPSTEAD ST	ACTIVE	21.75	100-Wate 200-Sewer	10.19 10.27	110-Wate	0.99	196-SWDA		0.30
05-2850-00	PECAN PLACE APARTMENTS 420 W HOWARD ST	ACTIVE	158.39	100-Wate 200-Sewer	81.46 68.69	110-Wate	7.94	196-SWDA		0.30
05-3250-00	SW BELL TELEPHONE CO 310 W HOWARD ST	ACTIVE	21.75	100-Wate 200-Sewer	10.19 10.27	110-Wate	0.99	196-SWDA		0.30
05-3650-00	SITZES, DR DONALD DDS 121 W HOWARD ST	ACTIVE	53.96	100-Wate 196-SWDA	25.64 0.30	110-Wate 200-Sewer	2.50 25.07	150-Wate 250-Sewer		0.24 0.21
05-3700-04	LJT TRANSPORT INC 115 W HOWARD ST	ACTIVE	21.75	100-Wate 200-Sewer	10.19 10.27	110-Wate	0.99	196-SWDA		0.30
05-7600-00	TEAGUE & TEAGUE INSURANCE 217 N 2ND ST	ACTIVE	21.75	100-Wate 200-Sewer	10.19 10.27	110-Wate	0.99	196-SWDA		0.30
05-7650-02	DIERKEN HOSPICE	ACTIVE	54.51	100-Wate	26.15	110-Wate	2.55	196-SWDA		0.30

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START DATES: 0/00/0000 THRU 99/99/9999

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FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION						
	115 W SHEPHERD ST			200-Sewer	25.51					
05-7660-00	TREADWAY ELECTRIC 121 W SHEPHERD ST	ACTIVE	21.75	100-Water 200-Sewer	10.19 10.27	110-Water	0.99	196-SWDA	0.30	
05-7700-00	DIAMOND BANK 110 W SHEPHERD ST	ACTIVE	45.05	100-Water 200-Sewer	24.47 17.89	110-Water	2.39	196-SWDA	0.30	
=====										
**** BOOK # :0005	TOTAL ACCOUNT	9	420.66	100-Water	208.67	110-Water	20.33	150-Water	0.24	
				196-SWDA	2.70	200-Sewer	188.51	250-Sewer	0.21	
=====										
06-0075-00	WILLIAMS, EDDIE 503 S 4TH	ACTIVE	11.48	100-Water	10.19	110-Water	0.99	196-SWDA	0.30	
06-0125-00	WILD IVY SALON 508 S 4ST ST	ACTIVE	43.59	100-Water 200-Sewer	20.83 20.43	110-Water	2.03	196-SWDA	0.30	
06-0150-00	DON & SON 500 W MUSGRAVE ST	ACTIVE	21.75	100-Water 200-Sewer	10.19 10.27	110-Water	0.99	196-SWDA	0.30	
06-0324-02	MILLWOOD, LEAH 19 S PARK	ACTIVE	21.75	100-Water 200-Sewer	10.19 10.27	110-Water	0.99	196-SWDA	0.30	
06-0325-01	REHAB SPECIALISTS 20 S PARK CENTER	ACTIVE	65.43	100-Water 200-Sewer	31.47 30.59	110-Water	3.07	196-SWDA	0.30	
06-0550-00	MAGNA CARTA GROUP LLC 800 S 4TH ST	ACTIVE	17.75	100-Water 200-Sewer	10.19 6.27	110-Water	0.99	196-SWDA	0.30	

ZONE: 01 - Zone 1

START DATES: 0/00/0000 THRU 99/99/9999

STATUS: Active

LAST BILL DATES: 0/00/0000 THRU 99/99/9999

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FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION					
06-0800-00	WHOLESALE ELECTRIC SUPPLY 320 W DODSON ST	ACTIVE	40.88	100-Wate	30.57	110-Wate	2.97	150-Wate	0.91
				196-SWDA	0.90	200-Sew	30.81	250-Sew	0.83
				996-Unap	26.11-				
06-1000-00	FOOD FAST #83 1100 S 4TH ST	ACTIVE	65.43	100-Wate	31.47	110-Wate	3.07	196-SWDA	0.30
				200-Sew	30.59				
06-1050-00	REGIONS BANK - 4560 S HWY 27	ACTIVE	21.75	100-Wate	10.19	110-Wate	0.99	196-SWDA	0.30
				200-Sew	10.27				
06-1150-01	HOLIDAY MOTOR LODGE 1105 S 4TH ST	ACTIVE	283.78	100-Wate	185.89	110-Wate	18.12	196-SWDA	0.30
				200-Sew	106.79	996-Unap	27.32-		
06-1250-00	COCA COLA PLANT S 4TH ST	ACTIVE	21.75	100-Wate	10.19	110-Wate	0.99	196-SWDA	0.30
				200-Sew	10.27				
06-1300-00	COCA COLA PLANT S 4TH ST	ACTIVE	29.69	100-Wate	26.78	110-Wate	2.61	196-SWDA	0.30
06-1350-00	SONIC 1220 S 4TH ST	ACTIVE	192.39	100-Wate	86.98	110-Wate	8.48	196-SWDA	0.30
				200-Sew	96.63				
06-1400-01	DURBIN PROPERTIES, INC 1302 S 4TH ST	ACTIVE	4.00-	996-Unap	4.00-				
06-1450-00	POWER PHARMACY 1310 S 4TH ST	ACTIVE	21.75	100-Wate	10.19	110-Wate	0.99	196-SWDA	0.30
				200-Sew	10.27				
06-1550-01	FIRST PROVIDENCE OUTREACH M 1318 S 4TH ST	ACTIVE	21.75	100-Wate	10.19	110-Wate	0.99	196-SWDA	0.30
				200-Sew	10.27				

ZONE: 01 - Zone 1

START DATES: 0/00/0000 THRU 99/99/9999

STATUS: Active

LAST BILL DATES: 0/00/0000 THRU 99/99/9999

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FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION
06-1600-01	FARMER'S ASSOCIATION 1400 S 4TH ST	ACTIVE	83.26	100-Wate 43.09 200-Sewer 35.67 110-Wate 4.20 196-SWDA 0.30
06-1610-00	MISSION WASH INC 1402 S 4TH ST	ACTIVE	991.31	100-Wate 400.66 200-Sewer 551.29 110-Wate 39.06 196-SWDA 0.30
06-1615-00	MISSION WASH INC SPRINKLER 1402 S 4TH ST	ACTIVE	11.48	100-Wate 10.19 110-Wate 0.99 196-SWDA 0.30
06-1800-00	BROOKSHIRES GROCERY CO 1405 S 4TH ST	ACTIVE	100.01	100-Wate 56.04 200-Sewer 38.21 110-Wate 5.46 196-SWDA 0.30
06-1820-02	SELENAS III 1513 S 4TH ST	ACTIVE	21.75	100-Wate 10.19 200-Sewer 10.27 110-Wate 0.99 196-SWDA 0.30
06-1850-00	FAMILY DOLLAR 434100 1401 S 4TH ST	ACTIVE	32.67	100-Wate 15.51 200-Sewer 15.35 110-Wate 1.51 196-SWDA 0.30
06-1875-00	DIAMOND BANK BRANCH 1410 S 4TH ST	ACTIVE	21.75	100-Wate 10.19 200-Sewer 10.27 110-Wate 0.99 196-SWDA 0.30
06-1876-00	DIAMOND BANK BRANCH SPRINKL 1410 S 4TH ST	ACTIVE	11.48	100-Wate 10.19 110-Wate 0.99 196-SWDA 0.30
06-2000-00	ARKLA TEX RADIO INC 1513 S 4TH ST	ACTIVE	21.75	100-Wate 10.19 200-Sewer 10.27 110-Wate 0.99 196-SWDA 0.30
06-2050-00	SOUTH ARKANSAS EQUIPMENT 1516 S 4TH ST	ACTIVE	21.75	100-Wate 10.19 200-Sewer 10.27 110-Wate 0.99 196-SWDA 0.30

ACCOUNT BALANCE REPORT

ZONE: 01 - Zc

START DATES: 0/00/0000 THRU 99/99/9999

STATUS: Active

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REPORT THRU DATE: 7/5/08/2013

FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	100-Wate	200-Sew	110-Wate	196-SWDA	REVENUE DISTRIBUTION
06-2150-01	PILGRIM'S PRIDE CORP 1602 S 4TH ST	ACTIVE	1,613.95	678.69	868.79	66.17	0.30	
06-2155-00	PILGRIMS HATCH SPRKLR 1602 S 4TH ST	ACTIVE	29.69	26.78		2.61	0.30	
06-2200-00	NASHVILLE SUPERKLEAN CW LLC 1604 S 4TH ST	ACTIVE	148.90	77.44	63.61	7.55	0.30	
06-2250-01	SUBWAY 51 S PARK CENTER	ACTIVE	49.05	23.49	22.97	2.29	0.30	
06-2350-01	NASHVILLE DANCE ACADEMY 52 S PARK CENTER	ACTIVE	21.75	10.19	10.27	0.99	0.30	
06-2400-00	TOBACCO OUTLET 53 S PARK CENTER	ACTIVE	21.75	10.19	10.27	0.99	0.30	
06-2450-02	BACK TO ROOTS 54 S PARK CENTER	ACTIVE	21.75	10.19	10.27	0.99	0.30	
06-2500-00	HO, CHARLIE 55 S PARK CENTER	ACTIVE	38.13	18.17	17.89	1.77	0.30	
06-2550-03	NEWTON, JOYCE 56 S PARK CENTER	ACTIVE	21.75	10.19	10.27	0.99	0.30	
06-2600-00	JACKSON TERRELL TAX SERVICE 57 S PARK CENTER	ACTIVE	21.75	10.19	10.27	0.99	0.30	

ZONE: 01 - Zc

START DATES: 0/00/0000 THRU 99/99/99

STATUS: Active

LAST BILL DATES: 0/00/0000 THRU 99/99/999

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ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	100-Wate	200-Sew	110-Wate	196-SWDA	0.30
06-2650-07	MR. PANCHO 58 S PARK CENTER	ACTIVE	54.51	26.15	25.51	2.55	196-SWDA	0.30
06-2700-00	INTERNATIONAL PAPER S PARK CENTER	ACTIVE	21.75	10.19	10.27	0.99	196-SWDA	0.30
06-2800-02	JUST POULTRY 1517 S 4TH ST	ACTIVE	21.75	10.19	10.27	0.99	196-SWDA	0.30
06-2900-00	JIM CARLTON TIRE CO 203 W CASSADY ST	ACTIVE	49.05	23.49	22.97	2.29	196-SWDA	0.30
06-2950-00	JIM CARLTON MUFFLER SHOP 202 E CASSADY ST	ACTIVE	32.67	15.51	15.35	1.51	196-SWDA	0.30
06-3000-00	TYSONS OF NASHVILLE 100 E CASSADY ST	ACTIVE	9,257.37	7,979.11	500.00	777.96	196-SWDA	0.30
06-3050-00	TYSONS OF NASHVILLE 100 E CASSADY ST	ACTIVE	52,144.82	47,056.51	500.00	4,588.01	196-SWDA	0.30
06-3100-02	COUNTRY PEDDLERS FLEA MARKE 7 S PARK CENTER	ACTIVE	21.75	10.19	10.27	0.99	196-SWDA	0.30
06-3105-00	DR. MAX ODOM 6 S PARK CENTER	ACTIVE	21.75	10.19	10.27	0.99	196-SWDA	0.30
06-3150-04	EL SUPER 9 S PARK CENTER	ACTIVE	27.21	12.85	12.81	1.25	196-SWDA	0.30

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STATUS: Active

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ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	100-Wate	200-Sew	110-Wate	196-SWDA	0.30
06-3200-00	CHINA CAFETERIA 15 S PARK CENTER	ACTIVE	149.68	68.89	73.77	6.72	196-SWDA	0.30
06-3300-05	SEARS 23 S PARK CENTER	ACTIVE	21.75	10.19	10.27	0.99	196-SWDA	0.30
06-3315-02	SELECT MEDICAL SUPPLIES 24 S PARK CENTER	ACTIVE	21.75	10.19	10.27	0.99	196-SWDA	0.30
06-3350-02	OLSON VIDEO STORE AND MORE 25 S PARK CENTER	ACTIVE	59.97	28.81	28.05	2.81	196-SWDA	0.30
06-3400-01	PAPA ROBBIANOS MEXICAN CAFE 1624 S 4TH ST	ACTIVE	216.12	97.03	109.33	9.46	196-SWDA	0.30
06-3600-00	SWARK ELECTRIC COMPANY 1665 S 4TH ST	ACTIVE	43.59	20.83	20.43	2.03	196-SWDA	0.30
06-3750-00	SMITH'S READY MIX 9268 HWY 278	ACTIVE	216.41	196.91		19.20	196-SWDA	0.30
06-3800-00	SMITH'S READY MIX 9268 HWY 278	ACTIVE	29.69	26.78		2.61	196-SWDA	0.30
06-3850-01	QUICK DRAW C STORE 407 HWY 4 & BY-PASS	ACTIVE	125.57	67.39	50.91	6.57	196-SWDA	0.30
06-3900-01	HOWARD COUNTY INS/LANDMARK 691 HWY 27 BYPASS	ACTIVE	21.75	10.19	10.27	0.99	196-SWDA	0.30

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STATUS: Active

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FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	100-Wate	200-Sew	110-Wate	196-SWDA	0.30
06-4050-00	SOUTHERN BELLE INN 1757 S 4TH ST	ACTIVE	510.08	263.04	221.09	25.65	196-SWDA	0.30
06-4100-00	WESTERN SIZZLIN 1761 S 4TH ST	ACTIVE	234.33	113.62	109.33	11.08	196-SWDA	0.30
06-4150-01	THE PARLOR 1768 S 4TH ST	ACTIVE	21.75	10.19	10.27	0.99	196-SWDA	0.30
06-4175-00	MURPHY OIL USA #6955 1700 S 4TH ST	ACTIVE	27.21	12.85	12.81	1.25	196-SWDA	0.30
06-4180-00	WALMART GARDEN CENTER 1710 S 4TH ST	ACTIVE	32.61	29.44		2.87	196-SWDA	0.30
06-4182-00	RUSSELL CELLULAR & SATELITE 1716 S 4TH 2	ACTIVE	21.75	10.19	10.27	0.99	196-SWDA	0.30
06-4186-00	PIZZA HUT 1716 S 4TH 6	ACTIVE	54.51	26.15	25.51	2.55	196-SWDA	0.30
06-4190-00	WALMART SUPERCENTER 1710 S 4TH ST	ACTIVE	339.58	197.95	122.03	19.30	196-SWDA	0.30
06-4200-00	TYSONS OF NASHVILLE 101 SUNNYSIDE DR	ACTIVE	27.18	20.83	4.02	2.03	196-SWDA	0.30
06-4310-00	TOLAND HEIGHTS APARTMENTS S HWY 27	ACTIVE	177.38	89.50	78.85	8.73	196-SWDA	0.30



ZONE: 01 - Zone 1

START DATES: 0/00/0000 THRU 99/99/9999

STATUS: Active  
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LAST BILL DATES: 0/00/0000 THRU 99/99/9999  
FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	100-Wate	200-Sew	110-Wate	196-SWDA	0.30
06-4320-00	NASHVILLE ANIMAL CLINIC INC 202 HWY S 27	ACTIVE	76.35	36.79	35.67	3.59	196-SWDA	0.30
06-4330-00	LITTLE RIVER BAPTIST AS 256 HWY 27 S	ACTIVE	21.75	10.19	10.27	0.99	196-SWDA	0.30
06-4340-00	MARANATHA BAPTIST CHURCH 300 TRENTON BLVD	ACTIVE	27.21	12.85	12.81	1.25	196-SWDA	0.30
06-4342-00	MARANATHA CHURCH TRENTON ST	ACTIVE	39.96	26.78	10.27	2.61	196-SWDA	0.30
06-5130-00	JAN-EZE PLATING INC 100 MISSION DR	ACTIVE	278.74	126.31	139.81	12.32	196-SWDA	0.30
06-5140-00	JAN-EZE PLATING 100 MISSION DR	ACTIVE	1,722.90	676.13	980.55	65.92	196-SWDA	0.30
06-5150-00	MISSION PLASTICS 102 MISSION DR	ACTIVE	603.40	248.56	330.31	24.23	196-SWDA	0.30
06-5160-00	CRETE CAST PRODUCTS 105 MISSION DR	ACTIVE	237.88	216.47		21.11	196-SWDA	0.30
06-5165-00	CRETE CAST PRODUCTS 105 MISSION DR	ACTIVE	61.80	37.42	20.43	3.65	196-SWDA	0.30
06-5180-00	TYSONS OF NASHVILLE 520 MISSION DR	ACTIVE	1,683.01	1,292.43	264.27	126.01	196-SWDA	0.30

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START DATES: 0/00/0000 THRU 99/99/9999

STATUS: Active

LAST BILL DATES: 0/00/0000 THRU 99/99/9999

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FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION
06-5647-00	HOWARD COUNTY FAIR ASSOC 1571 HWY 371 W	ACTIVE	60.46	100-Wate 54.82 110-Wate 5.34 196-SWDA 0.30
06-5675-01	COSSATOT TECHNICAL COLLEGE 1558 HWY 371 W	ACTIVE	111.71	100-Wate 52.81 200-Sewer 53.45 110-Wate 5.15 196-SWDA 0.30
06-5680-00	SOUTHERN LP GAS 1570 HWY 371 W	ACTIVE	11.48	100-Wate 10.19 110-Wate 0.99 196-SWDA 0.30
06-5695-00	HEARNSBERGER/BARANDIARAN 130 MEDICAL DR SUITE 200	ACTIVE	10.27	200-Sewer 10.27
06-5696-00	SPECIALTY CLINIC 130 MEDICAL DR SUITE 100	ACTIVE	10.27	200-Sewer 10.27
06-5697-00	PHYSICAL THERAPY DEPT 130 MEDICAL DR SUITE 300	ACTIVE	17.89	200-Sewer 17.89
06-5698-00	SW AR HOME HEALTH CARE 130 MEDICAL DR SUITE 400	ACTIVE	12.81	200-Sewer 12.81
06-5699-00	HOWARD MEMORIAL HOSPITAL 130 MEDICAL CIRCLE	ACTIVE	144.89	200-Sewer 144.89
06-5720-00	FUTRELL MARINE HWY 371 W	ACTIVE	14.40	100-Wate 12.85 110-Wate 1.25 196-SWDA 0.30
06-5730-00	FUTRELL MARINE SHOP HWY 371 W	ACTIVE	40.68	100-Wate 36.79 110-Wate 3.59 196-SWDA 0.30

ZONE: 01 - Zc

START DATES: 0/00/0000 THRU 99/99/99

STATUS: Active

LAST BILL DATES: 0/00/0000 THRU 99/99/99

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FINAL DATES: 0/00/0000 THRU 99/99/99

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION
06-5780-00	ASSEMBLY OF GOD CHURCH 1405 W SUNSET ST	ACTIVE	2.18	100-Wate 9.92- 110-Wate 10.60 196-SWDA 1.50
06-5810-00	METHODIST CHURCH 1403 W SUNSET ST	ACTIVE	55.97	100-Wate 50.72 110-Wate 4.95 196-SWDA 0.30
06-5830-01	ENGINEERED PRODUCTS INC, LL 139 OLD AIRPORT RD	ACTIVE	463.40	100-Wate 261.41 110-Wate 25.49 196-SWDA 0.30 200-Sewo 218.55 996-Unapp 42.35-
<p>=====        **** BOOK # 0006 TOTAL ACCOUNT 89 73,897.30 100-Water 61,566.42 110-Water 6,014.16 150-Water 0.91        196-SWDA 26.70 200-Sewer 6,387.66 250-Sewer 0.83        99.78- 397-SW 0.40 996-Unapp 99.78-        =====</p>				
07-0025-00	B & K PROPERTIES 439 N 2ND ST	ACTIVE	27.21	100-Wate 12.85 110-Wate 1.25 196-SWDA 0.30 200-Sewo 12.81
07-0050-00	B & K PROPERTIES 437 N 2ND ST	ACTIVE	38.13	100-Wate 18.17 110-Wate 1.77 196-SWDA 0.30 200-Sewo 17.89
07-0100-00	HOW COUNTY HOME EXT OFFICE 425 N 2ND ST	ACTIVE	21.75	100-Wate 10.19 110-Wate 0.99 196-SWDA 0.30 200-Sewo 10.27
07-0175-00	CASSADY ASSOCIATES 121 W COLLEGE ST	ACTIVE	21.75	100-Wate 10.19 110-Wate 0.99 196-SWDA 0.30 200-Sewo 10.27
07-3475-00	LITTLE RED SCHOOL HOUSE 1121 W JOHNSON ST	ACTIVE	43.59	100-Wate 20.83 110-Wate 2.03 196-SWDA 0.30 200-Sewo 20.43
07-4700-00	SCHOOL ADMINISTRATION	ACTIVE	163.14	100-Wate 83.47 110-Wate 8.14 196-SWDA 0.30

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FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION						
	410 N 6TH ST			200-Sewer	71.23					

**** BOOK # :0007	TOTAL ACCOUNT	6	315.57	100-Water	155.70	110-Water	15.17	196-SWDA	1.80
				200-Sewer	142.90				

08-0300-00	REUBEN DRAKE APARTMENTS COULTER ST	ACTIVE	21.75	100-Water	10.19	110-Water	0.99	196-SWDA	0.30
				200-Sewer	10.27				

08-1200-01	NASHVILLE NURSING & REHAB 810 N 8TH ST	ACTIVE	1,311.65	100-Water	521.28	110-Water	50.82	196-SWDA	0.30
				200-Sewer	739.25				

08-2750-01	SCHOOL ADMINISTRATION 415 N 4TH ST	ACTIVE	55.96	100-Water	29.79	110-Water	2.90	196-SWDA	0.30
				200-Sewer	22.97				

**** BOOK # :0008	TOTAL ACCOUNT	3	1,389.36	100-Water	561.26	110-Water	54.71	196-SWDA	0.90
				200-Sewer	772.49				

09-1350-00	ST MARTINS CATHOLIC CHURCH GRUMBLES ST	ACTIVE	21.75	100-Water	10.19	110-Water	0.99	196-SWDA	0.30
				200-Sewer	10.27				

09-1400-00	ST MARTINS CATHOLIC CHURCH LESLIE ST	ACTIVE	11.48	100-Water	10.19	110-Water	0.99	196-SWDA	0.30
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09-2550-00	FIRST BAPTIST CHURCH 1202 LESLIE ST	ACTIVE	21.75	100-Water	10.19	110-Water	0.99	196-SWDA	0.30
				200-Sewer	10.27				

09-2800-00	FAMILY CLINIC OFFICE N 14TH ST	ACTIVE	49.05	100-Water	23.49	110-Water	2.29	196-SWDA	0.30
				200-Sewer	22.97				

ZONE: 01 - Zc

START DATES: 0/00/0000 THRU 99/99/9999

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FINAL DATES: 0/00/0000 THRU 99/99/9999

---ACCOUNT--- --NAME / SERVICE ADDRESS--- --STATUS-- ---BALANCE--- ----- REVENUE DISTRIBUTION -----

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	100-Water	110-Water	196-SWDA	REVENUE DISTRIBUTION
**** BOOK # :0009	TOTAL ACCOUNT	4	104.03	100-Water 200-Sewer	54.06 43.51	110-Water	5.26 196-SWDA 1.20
10-0790-00	SCHOOL ADMINISTRATION MT PLEASANT ST	ACTIVE	29.69	100-Water	26.78	110-Water	2.61 196-SWDA 0.30
10-0795-00	SCHOOL ADMINISTRATION MT PLEASANT DR	ACTIVE	129.92	100-Water 200-Sewer	69.40 53.45	110-Water	6.77 196-SWDA 0.30
10-0800-00	SCHOOL ADMINISTRATION W POPE ST	ACTIVE	21.75	100-Water 200-Sewer	10.19 10.27	110-Water	0.99 196-SWDA 0.30
10-0825-00	SCHOOL ADMINISTRATION W POPE ST	ACTIVE	21.75	100-Water 200-Sewer	10.19 10.27	110-Water	0.99 196-SWDA 0.30
10-1050-00	REUBEN DRAKE APARTMENTS 801 MT PLEASANT DR	ACTIVE	67.26	100-Water 200-Sewer	40.08 22.97	110-Water	3.91 196-SWDA 0.30
10-1200-00	SHELBY'S BEAUTY SHOP 210 W LESLIE ST	ACTIVE	49.05	100-Water 200-Sewer	23.49 22.97	110-Water	2.29 196-SWDA 0.30
10-1225-00	WALNUT MANOR APARTMENTS 216 W LOCKESBURG ST	ACTIVE	148.90	100-Water 200-Sewer	77.44 63.61	110-Water	7.55 196-SWDA 0.30
10-1315-00	SCHOOL ADMINISTRATION W POPE ST	ACTIVE	38.13	100-Water 200-Sewer	18.17 17.89	110-Water	1.77 196-SWDA 0.30
10-1320-00	SCHOOL - BUS SHOP	ACTIVE	20.24	100-Water	18.17	110-Water	1.77 196-SWDA 0.30

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION					
10-1321-00	SCHOOL ADMINISTRATION W POPE ST	ACTIVE	29.69	100-Wate	26.78	110-Wate	2.61	196-SWDA	0.30
10-1325-00	SCHOOL ADMINISTRATION 1201 N 8TH ST	ACTIVE	570.68	100-Wate	285.86	110-Wate	27.87	196-SWDA	0.30
				200-Sew	256.65				
10-1350-00	SCHOOL ADMINISTRATION 1000 N 8TH ST	ACTIVE	258.06	100-Wate	123.67	110-Wate	12.06	196-SWDA	0.30
				200-Sew	122.03				
10-1375-00	SCHOOL ADMINISTRATION 9TH ST	ACTIVE	29.69	100-Wate	26.78	110-Wate	2.61	196-SWDA	0.30
10-1475-00	SCHOOL ADMINISTRATION POPE ST	ACTIVE	29.69	100-Wate	26.78	110-Wate	2.61	196-SWDA	0.30
10-1480-00	SCHOOL ADMINISTRATION MT PLEASANT	ACTIVE	56.34	100-Wate	34.76	110-Wate	3.39	196-SWDA	0.30
				200-Sew	17.89				
10-1500-00	SCHOOL ADMINISTRATION 1301 MT PLEASANT DR	ACTIVE	296.87	100-Wate	179.86	110-Wate	17.54	196-SWDA	0.30
				200-Sew	99.17				
10-1725-00	SCHOOL ADMINISTRATION N MAIN ST	ACTIVE	285.70	100-Wate	134.97	110-Wate	13.16	196-SWDA	0.30
				200-Sew	137.27				
10-1800-00	SCHOOL ADMINISTRATION MT PLEASANT DR	ACTIVE	111.21	100-Wate	101.06	110-Wate	9.85	196-SWDA	0.30
10-1825-00	SCHOOL ADMINISTRATION	ACTIVE	132.40	100-Wate	106.38	110-Wate	10.37	196-SWDA	0.30

ZONE: 01 - ZONE 1

START DATES: 0/00/0000 THRU 99/99/9999

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ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION					
	MT PLEASANT DR			200-Sewer	15.35				
10-2400-00	MINE CREEK HEALTHCARE CENTE 1407 N MAIN ST	ACTIVE	991.75-	100-Water 200-Sewer	444.67 619.87	110-Water 996-Unapp	43.36 2,099.95-	196-SWDA	0.30
10-3025-00	KEASTER, BOBBY 1106 N MAIN ST	ACTIVE	18.40	100-Water	16.49	110-Water	1.61	196-SWDA	0.30
=====									
**** BOOK # :0010	TOTAL ACCOUNT	21	1,353.67	100-Water 200-Sewer	1,801.97 1,469.66	110-Water 996-Unapp	175.69 2,099.95-	196-SWDA	6.30
=====									
11-0025-01	DANIEL, LEANNE K 439 N MAIN ST	ACTIVE	43.59	100-Water 200-Sewer	20.83 20.43	110-Water	2.03	196-SWDA	0.30
11-0125-02	BRIAN CHESHSHIR, ATYNY AT LAW 122 W BISHOP ST	ACTIVE	27.21	100-Water 200-Sewer	12.85 12.81	110-Water	1.25	196-SWDA	0.30
11-0525-00	SCHOOL ADMINISTRATION 522 N 4TH ST	ACTIVE	21.75	100-Water 200-Sewer	10.19 10.27	110-Water	0.99	196-SWDA	0.30
11-0675-00	FARM CREDIT SERVICES 302 W BISHOP ST	ACTIVE	20.76	100-Water	10.19	196-SWDA	0.30	200-Sewer	10.27
11-0700-02	W. BISHOP QUICK MART 220 W BISHOP ST	ACTIVE	54.51	100-Water 200-Sewer	26.15 25.51	110-Water	2.55	196-SWDA	0.30
11-1100-00	LAS CASAS DOCE APTS 316 W BISHOP ST	ACTIVE	182.12	100-Water 200-Sewer	91.51 81.39	110-Water	8.92	196-SWDA	0.30

ZONE: 01 - Zone 1

START DATES: 0/00/0000 THRU 99/99/9999

STATUS: Active

LAST BILL DATES: 00/00/0000 THRU 99/99/9999

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FINAL DATES: 00/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION					
11-1525-00	SCHOOL ADMINISTRATION 522 N 4TH ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
11-1875-00	DR GLENN LANCE, DDS 700 N MAIN ST	ACTIVE	111.71	100-Wate 200-Sew	52.81 53.45	110-Wate	5.15	196-SWDA	0.30
11-1900-00	STEPHANIE & CO HAIR SALON 620 N MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
11-2050-01	TRENDSETTERS 601 N MAIN ST	ACTIVE	27.21	100-Wate 200-Sew	12.85 12.81	110-Wate	1.25	196-SWDA	0.30
11-2100-00	ARK DEPT OF HUMAN SERVICES 534 N MAIN ST	ACTIVE	20.76	100-Wate	10.19	196-SWDA	0.30	200-Sew	10.27
11-2125-00	ARK DEPT OF HUMAN SERVICES 534 N MAIN ST	ACTIVE	20.76	100-Wate	10.19	196-SWDA	0.30	200-Sew	10.27
11-2175-00	OFFICE OF FIELD AUDIT ADMIN 527 N MAIN ST	ACTIVE	34.61	100-Wate 200-Sew	10.19 10.27	110-Wate 210-Garb	0.99 1.14	196-SWDA 303-WAST	0.30 11.72
11-2200-00	CASTLEBERRY, GEORGE 516 N MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
11-2300-00	FIRST CHRISTIAN CHURCH 500 N MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
11-2350-00	THE NASHVILLE NEWS 418 N MAIN ST	ACTIVE	43.59	100-Wate 200-Sew	20.83 20.43	110-Wate	2.03	196-SWDA	0.30



ZONE: 01 - ZONE 1

START DATES: 0/00/0000 THRU 99/99/9999

STATUS: Active

LAST BILL DATES: 0/00/0000 THRU 99/99/9999

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FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION					
11-2375-01	STATE FARM INSURANCE 400 N MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
11-2500-02	D & S CARPET 117 E CLARK ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
11-2550-00	JOHN'S HAIR CARE 204 N MAIN ST	ACTIVE	27.21	100-Wate 200-Sew	12.85 12.81	110-Wate	1.25	196-SWDA	0.30
11-2575-06	ROSE PROPERTY MANAGEMENT 202 N MAIN ST	ACTIVE	22.15	100-Wate 200-Sew	10.19 10.27	110-Wate 397-SW	0.99 0.40	196-SWDA	0.30
11-2580-01	ROSE PROPERTY MANAGEMENT 202 N MAIN ST B	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
11-2625-01	MURRAY, CAROL 122 N MAIN ST	ACTIVE	19.66	100-Wate 200-Sew	10.19 10.27	110-Wate 996-Unap	0.99 2.09	196-SWDA	0.30
11-2675-00	WOODS & WOODS ACCOUNTING 118 N MAIN ST	ACTIVE	27.21	100-Wate 200-Sew	12.85 12.81	110-Wate	1.25	196-SWDA	0.30
11-2685-00	MINISTERIO PENTECOSTES DEPO 116 N MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
11-2690-01	LEGACY CRAFTING 112 E CLARK ST	ACTIVE	34.64	100-Wate 196-SWDA	15.68 0.46	110-Wate 200-Sew	1.53 15.80	150-Wate 250-Sew	0.62 0.55
11-2725-00	TRAVIS MCLAUGHLIN INSURANCE 112 N MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30

ZONE: 01 - Zc

START DATES: 0/00/0000 THRU 99/99/99

STATUS: Active

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REPORT THRU DATE: 5/08/2013

FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE			REVENUE DISTRIBUTION			
11-2750-05	MARTINEZ, AURELIO 110 N MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
11-2825-01	IGLESIA MISIONERA 104 N MAIN ST	ACTIVE	27.21	100-Wate 200-Sew	12.85 12.81	110-Wate	1.25	196-SWDA	0.30
11-2826-00	13 BROTHERS MEAT MARKET 106 N MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
11-2875-00	GEORGE E STEEL OFFICE 102 N MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
11-2900-00	CROW BURLINGAME #32 120 E HOWARD ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
11-2950-00	ANDERSON, ANDY 117 E HOWARD ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
11-2975-03	NEW GENERATION MINISTRIES 103 S MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
11-2980-00	UNIQUE BODY SALON 105 S MAIN ST	ACTIVE	38.13	100-Wate 200-Sew	18.17 17.89	110-Wate	1.77	196-SWDA	0.30
11-3025-00	ELBERTA ARTS 109 S MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30
11-3050-00	H & R BLOCK 111 S MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30

ZONE: 01 - Zc

START DATES: 0/00/0000 THRU 99/99/99

STATUS: Active

LAST BILL DATES: 0/00/0000 THRU 99/99/99

REPORT THRU DATE: 5/08/2013

FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION						
11-3075-06	SWEET AROMA 111 1/2 S MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30	
11-4025-00	RAMAGE STUDIO 115 S MAIN ST	ACTIVE	267.88	100-Wate 196-SWDA 250-Sew 350-Garb	35.60 1.00 2.28 15.24	110-Wate 200-Sew 300-Garb 397-SW	3.12 22.80 140.00 1.60	150-Wate 210-Garb 302-CGS	4.00 12.24 30.00	
11-4100-01	ROGER'S AUTO REPAIR 215 S MAIN ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30	
***** BOOK# :0011 TOTAL ACCOUNT 0-39				1,485.92	100-Water 196-SWDA 250-Sewer 303-WASTE 996-Unapp	610.77 12.56 2.83 11.72 2.09	110-Water 200-Sewer 300-Garbge 350-Garbge	56.12 588.77 140.00 15.24	150-Water 210-Garbag 302-CGS 397-SW	4.62 313.38 30.00 2.00
12-0025-00	LINVILLE BUILDERS SUPPLY 209 E SHEPHERD ST	ACTIVE	27.21	100-Wate 200-Sew	12.85 12.81	110-Wate	1.25	196-SWDA	0.30	
12-0050-01	COUCH, SHARON 211 E SHEPHERD ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30	
12-0075-00	MACK'S UPHOLSTERY 300 E SHEPHERD ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30	
12-0125-00	PILGRIM'S PRIDE CORP 200 E SHEPHERD ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30	
12-0150-00	PILGRIM'S PRIDE CORP 200 E SHEPHERD ST	ACTIVE	2,370.78	100-Wate 200-Sew	979.47 1,295.51	110-Wate	95.50	196-SWDA	0.30	

ZONE: 01 - ZONE 1

START DATES: 0/00/0000 THRU 99/99/9999

STATUS: Active

LAST BILL DATES: 0/00/0000 THRU 99/99/9999

REPORT THRU DATE: 5/08/2013

FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION
12-0175-00	PILGRIM'S PRIDE CORP 200 E SHEPHERD ST	ACTIVE	81.81	100-Wate 39.45 200-Sew 38.21 110-Wate 3.85 196-SWDA 0.30
12-0185-00	HOME IMPROVEMENT CENTER 142 HWY 27 BYPASS	ACTIVE	11.48	100-Wate 10.19 110-Wate 0.99 196-SWDA 0.30
12-0250-00	HENDRY OIL COMPANY 605 MINE ST	ACTIVE	21.75	100-Wate 10.19 200-Sew 10.27 110-Wate 0.99 196-SWDA 0.30
12-0300-00	HERITAGE PROPANE 613 MINE ST	ACTIVE	21.75	100-Wate 10.19 200-Sew 10.27 110-Wate 0.99 196-SWDA 0.30
12-0375-00	LOVELIS REFRIDGERATION 619 MINE ST	ACTIVE	23.93	100-Wate 11.12 196-SWDA 0.30 110-Wate 1.08 250-Sew 11.22 0.11 0.10
12-0500-00	REPAIRS UNLIMITED 905 MINE ST	ACTIVE	21.75	100-Wate 10.19 200-Sew 10.27 110-Wate 0.99 196-SWDA 0.30
12-4150-00	PINEVIEW MOTEL 1214 MINE ST	ACTIVE	258.06	100-Wate 123.67 200-Sew 122.03 110-Wate 12.06 196-SWDA 0.30
12-4200-01	LAWRENCE PEST CONTROL 1222 MINE ST	ACTIVE	21.75	100-Wate 10.19 200-Sew 10.27 110-Wate 0.99 196-SWDA 0.30
12-4225-01	LAWRENCE PEST CONTROL 1222 MINE ST	ACTIVE	11.48	100-Wate 10.19 110-Wate 0.99 196-SWDA 0.30
12-5125-02	BUDGET INN 620 N MINE ST	ACTIVE	168.66	100-Wate 76.93 200-Sew 83.93 110-Wate 7.50 196-SWDA 0.30

ZONE: 01 - Zone 1

STATUS: Active

REPORT THRU DATE: 5/08/2013

START DATES: 0/00/0000 THRU 99/99/9999

LAST BILL DATES: 0/00/0000 THRU 99/99/9999

FINAL DATES: 0/00/0000 THRU 99/99/9999

-----ACCOUNT----- NAME / SERVICE ADDRESS----- STATUS----- BALANCE----- REVENUE DISTRIBUTION -----

12-5150-00 CAR WASH ACTIVE 81.81 100-Wate 39.45 110-Wate 3.85 196-SWDA 0.30  
504 MINE ST 200-Sewer 38.21

12-5175-02 S AND C ROADMART ACTIVE 97.47 100-Wate 46.78 110-Wate 4.56 196-SWDA 0.30  
502 MINE ST 200-Sewer 45.83

=====  
\*\*\*\* BOOK # :0012 TOTAL ACCOUNT 17 3,284.94 100-Water 1,421.43 110-Water 138.56 150-Water 0.11  
196-SWDA 5.10 200-Sewer 1,719.64 250-Sewer 0.10  
=====

13-0550-00 L & S RENTALS ACTIVE 27.21 100-Wate 12.85 110-Wate 1.25 196-SWDA 0.30  
1005 PEACHTREE ST 200-Sewer 12.81

13-0650-00 RELIANT ENERGY ARKLA ACTIVE 21.75 100-Wate 10.19 110-Wate 0.99 196-SWDA 0.30  
910 PEACHTREE ST 200-Sewer 10.27

13-0675-00 PEACHTREE TRAILER PARK ACTIVE 49.05 100-Wate 23.49 110-Wate 2.29 196-SWDA 0.30  
912 PEACHTREE ST 200-Sewer 22.97

13-1550-00 RIDGEWAY BAPTIST CHURCH ACTIVE 21.75 100-Wate 10.19 110-Wate 0.99 196-SWDA 0.30  
805 PEACHTREE ST 200-Sewer 10.27

13-2025-04 FRONTLINE CHRISTIAN MINISTR ACTIVE 21.75 100-Wate 10.19 110-Wate 0.99 196-SWDA 0.30  
600 MINE ST 200-Sewer 10.27

13-2475-00 NASHVILLE QUICK MART ACTIVE 38.13 100-Wate 18.17 110-Wate 1.77 196-SWDA 0.30  
506 MINE ST 200-Sewer 17.89

13-3775-00 STARR, JOE ACTIVE 129.92 100-Wate 69.40 110-Wate 6.77 196-SWDA 0.30

ZONE: 01 - Zone 1

START DATES: 0/00/0000 THRU 99/99/9999

STATUS: Active

LAST BILL DATES: 0/00/0000 THRU 99/99/9999

REPORT THRU DATE: 5/08/2013

FINAL DATES: 0/00/0000 THRU 99/99/9999

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION
	302 S PINE ST		200-Sewer	53.45

**** BOOK # :0013	TOTAL ACCOUNT	7	309.56	100-Water	154.48	110-Water	15.05	196-SWDA	2.10
				200-Sewer	137.93				

14-0500-00	PAM KIRBY OLD AIRPORT RD	ACTIVE	61.62	200-Sewer	61.62				
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**** BOOK # :0014	TOTAL ACCOUNT	1	61.62	200-Sewer	61.62				
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15-0155-00	JEHOVAH'S WITNESS 1717 PEACHTREE ST	ACTIVE	11.48	100-Water	10.19	110-Water	0.99	196-SWDA	0.30
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**** BOOK # :0015	TOTAL ACCOUNT	1	11.48	100-Water	10.19	110-Water	0.99	196-SWDA	0.30
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19-0001-00	CITY PARK OFFICE 1301 W JOHNSON ST	ACTIVE	110.93	100-Water	61.36	110-Water	5.98	196-SWDA	0.30
				200-Sewer	43.29				

19-0005-00	WATER PLANT USAGE 109 LAKE NICHOLS	ACTIVE	852.48	100-Water	767.12	110-Water	74.79	196-SWDA	0.30
				200-Sewer	10.27				

19-0010-00	WATER MAINT SHOP 104 LAKE NICHOLS	ACTIVE	27.21	100-Water	12.85	110-Water	1.25	196-SWDA	0.30
				200-Sewer	12.81				

19-0015-00	CARTER DAY TRAINING CENTER 200 LAKE NICHOLS	ACTIVE	39.96	100-Water	26.78	110-Water	2.61	196-SWDA	0.30
				200-Sewer	10.27				

ACCOUNT	NAME / SERVICE ADDRESS	STATUS	BALANCE	REVENUE DISTRIBUTION						
19-0025-00	WASTE WATER TREATMENT 743 HWY 27 BYPASS	ACTIVE	1,993.83	100-Wate	1,816.43	110-Wate	177.10	196-SWDA	0.30	
19-0030-00	FIRE STATION 505 N WASHINGTON	ACTIVE	126.94	100-Wate 200-Sew	103.72 12.81	110-Wate	10.11	196-SWDA	0.30	
19-0035-00	ANIMAL CONTROL 733 HWY 27 BYPASS	ACTIVE	49.05	100-Wate 200-Sew	23.49 22.97	110-Wate	2.29	196-SWDA	0.30	
19-0040-00	CITY COUNTY BUILDING 426 N MAIN ST	ACTIVE	110.93	100-Wate 200-Sew	61.36 43.29	110-Wate	5.98	196-SWDA	0.30	
19-0045-00	CITY SHOP 1008 S 4TH ST	ACTIVE	32.67	100-Wate 200-Sew	15.51 15.35	110-Wate	1.51	196-SWDA	0.30	
19-0050-00	FIRE STATION SPRINKLER 505 N WASHINGTON ST	ACTIVE	11.48	100-Wate	10.19	110-Wate	0.99	196-SWDA	0.30	
19-0055-00	CITY PARK SPRINKLER 1301 W JOHNSON ST	ACTIVE	140.41	100-Wate	127.66	110-Wate	12.45	196-SWDA	0.30	
19-0060-00	NEW FIRE STATION 204 HWY 27 S	ACTIVE	39.96	100-Wate 200-Sew	26.78 10.27	110-Wate	2.61	196-SWDA	0.30	
19-0065-00	LEGION HUT 301 W DODSON ST	ACTIVE	21.75	100-Wate 200-Sew	10.19 10.27	110-Wate	0.99	196-SWDA	0.30	
**** BOOK # :0019	TOTAL ACCOUNT	13	3,557.60	100-Water 200-Sewer	3,063.44 191.60	110-Water	298.66	196-SWDA	3.90	

CURRENT INDUSTRIAL USERS (2009)

INDUSTRY

PRINCIPAL ACTIVITY

AERO Industries *(shut-down)  
off program* Manufactures process involving nickel plating

Jan-Eze Manufacturing process involving chromium and nickel plating

*Significant Industrial Users - 2016*



**Appendix D**

**CITY OF NASHVILLE**

**NON-RESIDENTIAL WASTEWATER USER SURVEY**

# Example IU Survey Forms



## Form 2: Businesses Eliminated from IU Survey

Company Name	Contact Name & Phone #	Total flow rate	Reason eliminated from survey
Company Address	Business	Domestic flow rate	Reason for difference between total and domestic flow rate (If any)

### General Screening Criteria Examples:

Reasons for not surveying Industries (commercial customers):

- The customer is known to not have the potential to discharge other than domestic wastewater, or
- The POTW does not believe that non-domestic waste streams are generated and has verbally confirmed this; the potential for error is low.

Reasons for eliminated Industries after receiving a completed IU survey:

- All discharges have been determined to be similar in character and nature to what is typical of "domestic wastewater."
- The only possible contaminant is vegetable and/or animal grease for which there is a grease trap with a maintenance schedule.

Other acceptable reasons for eliminated Industries:

- The industrial user has only a discharge of noncontact cooling water and/or boiler blow down.
- The industrial user has only a discharge of other unpolluted waters (explain).
- The industrial user has only a discharge of condensate from air conditioning or dehumidification systems.
- Non-domestic wastestreams are present, but are not discharged to the POTW (note disposal method).
- The industry uses a recirculating or other "zero discharge" system for which a maintenance plan exists and records kept to ensure against batch discharge to the POTW.
- All of the industry's non-domestic wastewaters are sent to a disposal facility and disposal records are maintained for a minimum of 3 years.

(Although dischargers in this third grouping may be eliminated by the POTW, it is essential that a signed and properly completed survey form be returned for each industry eliminated based on this last group of screening criteria. The POTW should keep this signed completed IU Survey form until after the next IU Survey is completed. This will protect the POTW from liability from industries which begin discharge of significant levels of pollutants between surveys.)

## Example IU Survey Letter

April 15, 2012

Anybody Industries  
PO Box 1000  
Nashville, AR 71852

RE: Industrial Pretreatment Program  
Nashville Public Works

Nashville Public Works is conducting a survey of non-residential users connected to its sewer system. We rely on your answers to help achieve our commitment of providing a Municipality that meets the requirements of the Environmental Protection Agency's mandated Industrial Pretreatment Program. Your responses to the questionnaire will help Nashville Public Works achieve those requirements as cost effectively as possible.

Nashville Public Works Industrial Pretreatment Program is responsible for preventing harmful pollutants from entering its sanitary sewer system that could:

- Impair the sewerage and treatment systems or its operations;
- Pass through the sewer treatment plant and contaminate the Mine Creek;
- Impair the quality of municipal digested sludge (biosolids) or reclaimed effluent.

Enclosed is a Non-Residential Survey as well as a self-addressed envelope. Please return the completed questionnaire by April 30. If you have any questions or need assistance in completing the questionnaire, please do not hesitate to contact us at 870-845-4015 or [l.dunaway@nashar.org](mailto:l.dunaway@nashar.org).

The information that you provide contributes to the success of our environmental programs and protects our water resources. Your help and cooperation with this environmental survey is vital to the success of these programs and is sincerely appreciated.

Sincerely,

# Example 1: Industrial User Survey

Company Name:

Business Telephone:

Business Address (Site/Location address):

Business Mailing Address:

Representative Completing this Form:

Check all categories that apply:

- Retail  Food Establishment  Auto Shop/Repair/Detailing  Manufacturing  Photo Processing  
 Transportation/Equipment Cleaning  Salvage Operations  Fuel Dispensing  
 Medical/Veterinarian  Dentistry/Orthodontics  Animal Daycare  Other

Brief Description of Business Activities both inside and outside your Building: Principal Activity, Product and/or Service.

Performed: Inside Bldg.  (Please be specific)

Outside Bldg.

1. Does your company use water that results in other than domestic discharge? See Definitions Yes  No

If Yes, explain what it is used for, where and how it is collected and disposed of:

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2. Are you adding water fixtures to the tenant space/building you intend to occupy? Yes  No

If Yes, what types of fixtures are you proposing to add? How many of each type of fixture?

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3. A. Does your company use or handle any chemicals? Indoor  Outdoor  None

B. Does your company generate any chemical waste? Indoor  Outdoor  None

C. Do you or will you have any type of chemical storage at your facility? Indoor  Outdoor  None

4. Do you or will you have any floor drains, catch basins, sumps, sinks or any other outlets to the sanitary sewer or storm system in your manufacturing/production or storage areas? Sanitary Sewer Storm System  
Yes  No

5. What are the characteristics of the discharged wastewater (if other than domestic)?

- Acid  Metallic  Color Dyes  Soaps/Detergents  Amalgam  
 Alkaline  Toxic Organics  Fats, Oil & Grease  Hot Water \_\_\_\_\_ degrees  Medicine/Rx

6. What is the quantity of wastewater discharged to the sanitary sewer in gallons per day (gpd)?

Less than 10,000 gpd  10,000 to 25,000 gpd  More than 25,000 gpd

7. Does your company create wash water? See Definitions Yes  No

If Yes, where will the wash water be collected and disposed?

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**8. Is there stormwater runoff from areas where materials, chemicals or equipment are handled or stored outside?**

Yes  No

If yes, explain

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**9. Does your facility discharge wastes to the sanitary sewer that would otherwise be considered hazardous waste?**

Yes  No

If yes, you are required to report such discharges to the Nashville Public Works, Arkansas Department of Environmental Quality, and Environmental Protection Agency Regional office, per 40 CFR 403.8(f)(2)(iii) and City Ordinance 919.

The Nashville Public Works advises you that your facility may be subject to solid or Hazardous waste management requirements pursuant to the Federal Resource Conservation and Recovery Act (RCRA) and the State of Arkansas hazardous waste Management regulations. If your facility discharges hazardous waste to the sanitary sewer System, you are required to report such discharges to the Nashville Public Works, Arkansas Department of Environmental Quality, and Environmental Protection Agency Regional Office 6 Dallas, TX, per 40 CFR 403.8(f)(2)(iii) and City Ordinance 919.

To determine which wastes are considered hazardous, refer to title 40 Code of Federal Regulations, part 261 or consult the Arkansas Department of Environmental Quality, Hazardous Waste Program at 501-682-0831 or [www.adeq.state.ar.us/hazwaste](http://www.adeq.state.ar.us/hazwaste).

## Example 2: Industrial User Survey

Nashville Public Works  
426 North Main Street  
Nashville, AR 71852  
870-845-4015

1. Company Name: \_\_\_\_\_
2. A) Facility Address: \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
B) Is this facility located in a tenant building or industrial park? Yes \_\_\_\_\_ No \_\_\_\_\_
3. Mailing Address: Street Address: \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_
4. Provide name of person to contact regarding information contained in the questionnaire:  
Name: \_\_\_\_\_ Telephone: \_\_\_\_\_  
Title: \_\_\_\_\_ Fax: \_\_\_\_\_
5. A) Provide a brief description of manufacturing or service activities performed at this facility:  
\_\_\_\_\_  
\_\_\_\_\_  
B) Enter Applicable SIC code(s): \_\_\_\_\_
6. Enter number of shifts daily: \_\_\_\_\_ Enter total # of employees \_\_\_\_\_
7. Circle the days of operation: **S M T W T F S**
8. Is this facility connected to the Nashville Public Works sanitary sewer? Yes \_\_\_\_\_ No \_\_\_\_\_  
If "no", are there plans to connect? Yes \_\_\_\_\_ No \_\_\_\_\_  
If "yes", indicate when: \_\_\_\_\_
9. Quantity of wastewater discharged in gallons per day? An estimate may be obtained from your monthly Water bill: 400 units per month = 10,000 gpd.  
  
Less than 10,000  10,000 to 25,000  25,000 to 100,000  More than 100,000
10. Do you use or store liquid chemicals in quantities of 55 gallons or more? Yes  No   
Do you use or store dry chemicals in quantities of 500 pounds or more? Yes  No   
Are you required to report under Arkansas State Fire Marshall requirements? Yes  No   
Do you store/use materials, chemicals, products, equipment, or waste materials in/outside areas? Yes  No
11. Does your facility have an oil and grease/water separator? Yes  No   
If "yes", what is its flow capacity? \_\_\_\_\_



12. Waste removed from premises:

Are there any solids, liquids, or other wastes removed by a septic service or other chemical hauler?

Yes \_\_\_\_\_ No \_\_\_\_\_

If "Yes", identify the materials, quantities and frequency of service: \_\_\_\_\_  
\_\_\_\_\_

Name, address and telephone number of hauler(s): \_\_\_\_\_  
\_\_\_\_\_

13. Does your facility generate process wastewater, not including domestic wastewater? Yes \_\_\_\_\_ No \_\_\_\_\_

a) Is this wastewater discharged to the sewer system? Yes \_\_\_\_\_ No \_\_\_\_\_

b) Does this process wastewater undergo any pretreatment? If so, please describe:  
\_\_\_\_\_  
\_\_\_\_\_

c) Describe process wastewater: \_\_\_\_\_  
\_\_\_\_\_

Volume estimate \_\_\_\_\_ Units \_\_\_\_\_

14. Does your facility discharge any substance, which, if otherwise disposed of would be a hazardous waste as defined under 40 CFR part 261?

Yes \_\_\_\_\_ No \_\_\_\_\_

*[If discharge is more than 15 kg (33 lbs.) per month of RCRA hazardous waste or a discharge of any quantity of acutely hazardous waste, please complete form on the back of the attached Hazardous Waste Notification Notice.]*

15. Does stormwater come into contact with any process(es) at your facility? Yes \_\_\_\_\_ No \_\_\_\_\_

16. Do you clean equipment or vehicles at your facility? \_\_\_\_\_ No \_\_\_\_\_

If "Yes", is the wash water or wastewater:

Discharged to the Sanitary Sewer \_\_\_\_\_ Discharge to the Storm Sewer \_\_\_\_\_ 100% Recycled \_\_\_\_\_

Removed Off-Site \_\_\_\_\_ Other \_\_\_\_\_

17. 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 ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the 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. [40 CFR 403.6(a)(2)(ii)]

Name (please print) \_\_\_\_\_ Title \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_



## Categorical Industries

Industrial Category	40 CFR	NAICS Code	Regulated Parameters
Aluminum Forming	467	331315, 331316 331319, 332112	Cr, CN, Zn, TTO
Asbestos Manufacturing	427	336340, 336350	None
Battery Manufacturing	461	335911, 335912	Cd, Ni, Zn, Co, Cu, Pb, Mn, Hg, Cr, Ag, CN
Canned and Preserved Fruits and Vegetable Processing	407	311421	None
Canned and Preserved Seafood Processing	408	311710	None
Carbon Black Manufacturing	458	2325182	Oil/Grease
Cement Manufacturing	411	327310	None
Centralized Waste Treatment	437	562211, 562219	Sb, As, Cd, Cr, Co, Cu, Pb, Hg, Ni, Ag, Sn, Ti, Zn, cyanide and 8 organic compounds
Coal Mining	434	212111, 212112	None
Coil Coating	465	332431, 332439 339314, 332999	Cr, CN, Zn, TTO, Oil/Grease, Mn, F, Phosphorus, Cu
Concentrated Animal Feeding Operations (CAFO)	412	112112, 112210 112410	None
Concentrated Aquatic Animal Production (Aquaculture)	451	112519	None
Copper Forming	468	331421, 331422 332112	Cr, Cu, Pb, Ni, Zn, TTO, Oil/Grease
Dairy Products Processing	405	311511, 311514	None
Electrical and Electronic Components	469	Various	As, Cd, Cr, F, P, Mn, TTO, Oil/Grease
Electroplating	413	332813	Cd, Cr, Cu, Pb, Ni, Ag, CN, Zn, TTO
Explosives Manufacturing	457	325920	None
FerroAlloy Manufacture	424	331110	None
Fertilizer Manufacturing	418	325311, 325312	Ammonia, Nitrates, Phosphorus

Industrial Category	40 CFR	NAICS Code	Regulated Parameters
Glass Manufacturing	426	327211, 327212 327213	Phosphorus, Oil (mineral), Fluoride
Grain Mills Manufacturing	406	Various	None
Gum and Wood Chemicals	454	325194	None
Hospitals	460	Various	None
Ink Formulating	447	325910	No Discharge
Inorganic Chemicals	415	325181, 325120 325131	Hg, Pb, F, Ni, Zn, Cr, COD, Fe, TSS, Cu, Se, CN, Cd, Co, Sb, As
Iron and Steel Manufacturing	420	331110	Cr, CN, Ni, Pb, Zn, Ammonia, Naphthalene, Tetrachloroethylene
Leather Tanning and Finishing	425	316110	Cr, Sulfides
Meat Products	432	Various	None
Metal Finishing	433	Various	Cd, Cr, Cu, Pb, Ni, Ag, CN, Zn, TTO
Metal Molding and Casting	464	Various	Cr, Pb, Zn, TTO, Oil/Grease, Phenols
Mineral Mining and Processing	436	212391, 212393	None
Nonferrous Metals Forming and Metal Powders	471	Various	Sb, Pb, Cr, Zn, F, Ni, Cd, Cu, CN, Ag, Mo, Ammonia
Nonferrous Metal Manufacturing	421	Various	Ni, F, Pb, Zn, As, Cu, Cd, Sb, Hg, Be, Cr, CN, Indium, Se, Mo, Fe, Co, Ag, Au, Ta, Sn, Ti, W, Benzo(a)pyrene, Phenolics, Hexachlorobenzene
Oil and Gas Extraction	435	211111, 211112	None
Ore Mining & Dressing	440	Various	None
Organic Chemicals, Plastics and Synthetic Fibers	414	Various	Multiple Organics, CN, Pb, Zn, TSS and BOD
Paint Formulating	446	325510	No Discharge
Paving and Roofing Materials	443	324121, 324122	Oil/Grease
Pesticide Chemicals Manufacturing and Formulating	455	325320	Subpart A: COD, BOD, TSS, Organic pesticide residue Subpart B and C: No Discharge
Petroleum Refining	419	324110	Oil/Grease, Ammonia, Cr
Pharmaceutical Manufacturing	439	325412	Ammonia, cyanide
Phosphate Manufacturing	422	325180	None
Photographic	459	325992	None
Plastics Molding and Forming	463	326199	None
Porcelain Enameling	466	327110	Cr, Pb, Ni, Zn

<b>Industrial Category</b>	<b>40 CFR</b>	<b>NAICS Code</b>	<b>Regulated Parameters</b>
Pulp, Paper, and Paperboard	430	322130	Pentachlorophenol, Trichlorophenol
Rubber Manufacturing	428	Various	Cr, Pb, Zn, Oil/Grease, COD
Soaps and Detergents Manufacturing	417	325611	None
Steam Electric Power Generating	423	221119	Cu, Cr, Zn and calculation of 126 Organics
Sugar Processing	409	311313, 311314	None
Textile Mills	410	Various	None
Timber Products Processing	429	321211, 321212 321214, 321199	Subpart F: No Discharge Subparts G and H: As, Cu, Cr and Oil/Grease
Transportation Equipment Cleaning	442	488210, 811310	Non-polar material (SGT-HEM), fluoranthene, phenanthrene, Cd, Cr, Cu, Pb, Hg, Ni, Zn

**Appendix E**

**CITY OF NASHVILLE**

**RCRA NOTIFICATION LETTER**

## Example RCRA Notification Letter

[Date]

[Name]

[Business]

[Address]

Re: RCRA Hazardous Waste Notification Requirements

Dear [Name]

The Arkansas Department of Environmental Quality (ADEQ) and federal regulations (cf., 40 CFR 403.8(f)(2)(iii)), require that the Nashville Public Works notify industries who discharge wastewater to the public sewer system of Resource Conservation and Recovery Action (RCRA) hazardous waste reporting requirements. A summary of the notification requirement follows:

### **Who Must Notify:**

All non-domestic users whose wastewater is treated at the Nashville Public Works treatment facilities and that discharge listed or characteristic RCRA hazardous waste to the POTW (except as described below) must notify the Nashville Public Works and other regulatory agencies. RCRA listed and characteristic wastes are described in 40 CFR Part 261.

### **Notification Must be Sent to:**

- Nashville Public Works
- The EPA Regional Waste Management Division Director, and
- Arkansas DEQ Hazardous Waste Program

This notification must be submitted in writing for any discharge into the Nashville Public Works POTW of any substance, which, if otherwise disposed of, would be a hazardous waste under 40 CFR Part 261.

### **Wastes Covered by the Notification:**

- Any discharge to the POTW of more than 15 kilograms (kg) (33 lb.) per calendar month of a RCRA hazardous waste, or a discharge of **any** quantity of an acutely hazardous waste identified in 40 CFR 261.30(d) and 261.33(e), must be reported as a **one-time** notification.
- A discharge to the POTW of 15 kg (33 lb.) or less per calendar month of a RCRA hazardous waste need **not** be reported, **except** for acutely hazardous waste identified in 40 CFR 261.30(d) and 261.33(e).
- A subsequent discharge of more than 15 kg (33 lb.) per calendar month, or of any quantity of an acutely hazardous waste, must be reported as a **one-time** notification.

Pollutants already reported under reporting requirements for categorical industrial users in base line monitoring, finals and periodic compliance reports are not subject to this notification requirement.

#### **Notification Must Include:**

- Name of the hazardous waste as set forth in 40 CFR Part 261.
- EPA Hazardous waste number.
- Type of discharge to the sewer (continuous, batch, or other).
- A certification that you have in place a program to reduce the volume and toxicity of hazardous wastes generated to the degree you have determined to be economically practical.

If you discharge more than 100 kilograms (220 lb.) of hazardous waste per calendar month to the POTW, the one-time notification shall also contain the following information to the extent such information is known or readily available:

- An identification of the hazardous constituents contained in the wastes.
- An estimation of the mass and concentration of such constituents in the waste stream discharged during the calendar month in which the one-time report is made.
- An estimation of the mass of constituents in the waste stream expected to be discharged during the twelve months following the notification.

#### **When the Notification Must be Submitted**

- No later than 180 days after the discharge of the listed or characteristic hazardous waste.
- 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, you must notify the Nashville Public Works, EPA and the State of Arkansas of the discharge of such substance within 90 days of the effective date of such regulations.
- The notification need be submitted only once for each hazardous waste discharged, except when there will be a substantial change in the volume or character of the hazardous waste discharged (generally because of a planned change in your facility operations). In this case, you must notify the Nashville Public Works in advance.

#### **How to Count the volume of Hazardous Waste Discharged**

If a hazardous waste is mixed with a non-hazardous process or non-process waste stream and the entire mixture is then discharged to the sewer, the volume of the entire waste stream containing hazardous waste is considered hazardous according to the RCRA "mixture rule" in 40 CFR 261.3(a)(2)(iii). The effect of this rule is summarized as follows:

- **Characteristic Wastes:** These wastes are classified as hazardous because they exhibit one of the hazardous characteristics identified in 40 CFR 261.20 - 40 CFR 261.24 (i.e., they are ignitable, corrosive, reactive, or toxic). If these wastes are mixed with non-hazardous materials and the mixture is then discharged to the sewer, the notification must be submitted only if the entire mixture actually discharged is more than 15kg (33 lb.) per calendar month and if the entire mixture discharged still exhibits the characteristic(s).
- **Listed Wastes:** These are wastes that are classified as hazardous pursuant to being listed in 40 CFR 261.30-40 CFR 261.33. If these listed wastes are mixed with non-hazardous materials and then discharged to the sewer, the entire waste stream is considered hazardous and a notification must be submitted. Thus, only if the entire waste stream containing the hazardous waste amounted to 15kg (33 lb.) or less per calendar month, would the above exemption apply.
- **Questionable Wastes:** If you have any doubt about whether a mixture discharged to the sewer is hazardous, or if you do not wish to perform any calculations which may be necessary under the mixture rule (cf., 40 CFR 261.3(a)(2)(iii) you should submit the one-time notification.



You can complete and submit the following form to comply with the required notification. To report several wastestreams you can make copies of this form.

**HAZARDOUS WASTE INFORMATION** (use additional sheets if necessary)

Name, address and contact information for business:  
\_\_\_\_\_

Name of Waste:  
\_\_\_\_\_

EPA Hazardous Waste Number:  
\_\_\_\_\_

**TYPE OF DISCHARGE:**

\_\_\_\_\_ Continuous \_\_\_\_\_ Batch \_\_\_\_\_ Other \_\_\_\_\_

*I certify that I have a program in place to reduce the volume and toxicity of hazardous wastes generated to the degree I have determined to be economically practical.*

\_\_\_\_\_  
Signature of Company Representative Date

If more than 100 Kilograms (220 lbs) of any hazardous waste per calendar month is discharged to the sewer, please include the following items of information for each hazardous waste, to the extent such information is known and readily available:

Name of Constituent	Mass in Wastestream (this month)	Concentration in Wastestream (this month)

If you have any questions, please call me at 870-845-4015 and/or:

USEPA Region 6  
Director  
Office of Air, Waste & Toxics  
USEPA Region 6 AWT-127  
1445 Ross Avenue  
Suite 1200  
Dallas, TX 75202

Arkansas DEQ  
Manager  
Hazardous Waste Policy & Program Development  
Department of Environmental Quality  
5301 Northshore Drive  
North Little Rock, AR 72118

Sincerely,

Larry Dunaway  
Public Works Director  
Nashville, AR

**Appendix F**  
**CITY OF NASHVILLE**  
**LOCAL LIMITS**

April 6, 2010

Ed Carlyle, Pretreatment Coordinator  
Nashville Public Works  
426 North Main  
Nashville, AR 71852

RE: Pretreatment Program  
Technical Based Local Limits

Dear Mr. Carlyle

Enclosed are copies of tables that were used to evaluate the need for technical based local limits. The results from the calculations and the data received by the City are as follows:

- 1) Table 1, 2, and 3 show the influent, the effluent, and removal efficiencies of the plant. As shown in Table 3 the EPA default values were used for all parameters except Copper, Lead, Mercury, Nickel, and Zinc. Most pollutants of concern were below the detectable levels.
- 2) Table 4 shows the domestic loadings based on current average day flow for non industrial user. The domestic flow was found to be 1.65 MGD. EPA default values were not used.
- 3) Table 5 shows the summary and Maximum Allowable Head Load Calculations. Also, shown is the Maximum Allowable industrial Loading (MAIL) and the Maximum Allowable Head Load Concentrations. A 10% factor of Safety was used in determining the MAIL. The TBLL column shows the Technical Based Local Limits (TBLL) concentration level for the one industry remaining in the City of Nashville. The TBLL are based on a average day flow of 21,000 gallons.
- 4) By comparing the known SIU's aggregate loadings to the MAIL in Table 5 local limits may not be necessary at this time. However Copper, Mercury, Silver, and Zinc need further investigation to be proactive against future problems.
- 5) Mercury samples were above the detection levels for the newer data submitted by the City with the stricter testing from the lab. In the month of June 2008 there appears to be a spike in Mercury but all data submitted for the rest of 2008, 2009, and 2010 do not show another spike. This was treated as an outlier in data but should be closely monitored. All Mercury that showed up was found in the domestic samples. Further investigation may be needed by sampling non industrial commercial users to see what pollutants and processes they may be handling.
- 6) Copper exceeded the MAHC only in one short period of data in June 2008 and can be explained as an outlier. Zinc data showed a onetime high concentration level of the influent versus the MAHC from the three years worth of data provided and could be explained as an outlier or IU's may have

had a higher discharge than what was reported. Further investigation may be needed to ensure that the one IU that is still in operation is meeting their pretreatment permit.

If you have any questions please do not hesitate to call me at (870) 972-5316 or send any written correspondence to the above referenced address. Thank you for allowing us to assist with your Technical Based Local Limits.

Sincerely,

---

Jason MacDonald, P.E.  
Civil Engineering Associates



TABLE 1. INFLUENT

Sample #	Date	Antimony	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc	Chromium	Cyanide	Arsenic	Molybdenum	Phenols	Beryllium	Thallium
1	6/3/2008	<0.0300	<0.0040	0.0330	0.0014	<0.0002	<0.0100	<0.0020	<0.0070	0.0670	<0.0070	<0.0100	0.0015	NA	0.0290	<0.0003	<0.0400
2	6/5/2008	<0.0300	<0.0040	0.0930	0.0073	<0.0002	<0.0100	<0.0020	<0.0070	0.1500	<0.0070	<0.0100	0.0018	NA	0.0094	<0.0003	<0.0400
3	6/6/2008	<0.0300	<0.0040	0.1300	0.0076	0.0049	<0.0100	<0.0020	<0.0070	0.1500	<0.0070	<0.0100	<0.0010	NA	0.0300	<0.0003	<0.0400
4	6/7/2008	<0.0300	<0.0040	0.1300	0.0220	0.00061	0.0340	<0.0020	<0.0070	0.3300	0.0080	<0.0100	0.0044	NA	0.0260	0.0003	<0.0400
5	6/8/2008	<0.0300	<0.0040	0.1600	0.0150	0.00033	<0.0100	<0.0020	<0.0070	0.1200	0.0085	<0.0100	0.0017	NA	0.1400	<0.0003	<0.0400
6	6/10/2008	<0.0300	<0.0040	0.0190	0.0055	<0.0002	<0.0400	<0.0020	<0.0070	0.0900	<0.0070	<0.0100	<0.0010	NA	0.0180	<0.0003	<0.0400
7	1/28/2008	<0.0010	<0.0010	0.0215	0.0011	<0.000015	0.0493	<0.0020	<0.0010	0.4590	0.0229	<0.0100	<0.0020	<0.003	0.0731	<0.001	<0.001
8	4/14/2008	<0.0020	<0.0010	0.0054	0.0011	<0.000015	0.1620	<0.0020	<0.0010	0.0738	0.0939	<0.0100	<0.0020	<0.003	0.0176	<0.001	<0.001
9	7/16/2018	<0.0020	<0.0005	0.0144	0.0005	0.00000153	0.0073	0.002115	0.00093	0.0498	0.00896	<0.0100	0.0016	<0.003	0.0418	<0.0005	0.0498
10	11/8/2008	<0.0020	<0.0005		0.0046	<0.00015	0.0120	<0.0020	0.00027	0.1910	0.0086	<0.0100	0.0054			<0.0005	<0.0005
11	2/10/2009	<0.0020	<0.0005	0.0190	0.0012	<0.00015	0.0121	<0.0020	0.00019	0.0987		<0.0100	<0.0005	<0.005	0.0232	0.00015	<0.0005
12	5/19/2009	<0.0020	<0.0010	0.0184	0.0019		0.0141	<0.0020	0.00025	0.0528	0.0224	<0.0100	0.00102	<0.0003	0.0341	<0.001	<0.001
13	1/4/2010	<0.0300	<0.0040	0.0180	0.0042	0.000019	<0.0100	<0.0020	<0.0070	0.0710	0.0200	<0.0100	0.0011	NA	0.0500	<0.00030	<0.0400
14	1/5/2010	<0.0300	<0.0040	0.0220	0.0036	0.000031	0.0200	<0.0020	<0.0070	0.0870	0.0180	<0.0100	0.0015	NA	0.0620	<0.00030	<0.0400
15	1/6/2010	<0.0300	<0.0040	0.0180	0.0030	0.000016	0.0140	<0.0020	<0.0070	0.0800	0.0210	<0.0100	0.0015	NA	0.0800	<0.00030	<0.0400
16	1/7/2010	<0.0300	<0.0040	0.0260	0.0022	0.000012	0.0300	<0.0020	<0.0070	0.1400	0.0170	<0.0100	<0.0010	NA	0.0220	<0.00030	<0.0400
17	1/8/2010	<0.0300	<0.0040	0.0240	0.0019	0.000011	0.0240	<0.0020	<0.0070	0.1100	0.0090	<0.0100	<0.0010	NA	0.0240	<0.00030	<0.0400
Detection Level		0.0300	0.0040	0.0060	0.0010	0.0002	0.0100	0.0020	0.0070	0.0020	0.0070	0.0100	0.0010	NA	0.0050	0.0003	0.0400
Average		0.0300	0.0040	0.0470	0.0049	0.0007	0.0344	0.0020	0.0003	0.1365	0.0209	0.0100	0.0021	NA	0.0425	0.0003	0.0400
Maximum		0.0300	0.0040	0.1600	0.0220	0.0049	0.1620	0.0020	0.0070	0.4590	0.0939	0.0100	0.0054	NA	0.1400	0.0003	0.0400
>Detection Level		no	no	yes	yes	yes	yes	no	no	yes	yes	no	yes	no	yes	no	no

TABLE 2. EFFLUENT

Sample #	Date	Antimony	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc	Chromium	Cyanide	Arsenic	Molybdenum	Phenols	Beryllium	Thallium
1	6/10/2008	<0.0300	<0.0040	<0.0060	<0.0050	<0.0002	<0.0400	<0.0020	<0.0070	0.0120	<0.0100	<0.0100	0.0013	NA	<0.0050	N/A	<0.04
2	6/12/2008	<0.0300	<0.0040	<0.0070	<0.0010	<0.0002	0.0230	<0.0020	<0.0070	0.0280	<0.0070	<0.0100	0.0013	NA	0.0550	<0.0003	<0.04
3	6/12/2008	<0.0300	<0.0040	<0.0060	<0.0010	<0.0002	0.0200	<0.0020	<0.0070	0.0200	<0.0070	<0.0100	0.0014	NA	0.0370	<0.0003	<0.04
4	6/17/2008	<0.0300	<0.0040	<0.0060	<0.0010	<0.0002	0.0190	<0.0020	<0.0070	0.0200	<0.0070	<0.0100	0.0013	NA	<0.0050	<0.0003	<0.04
5	6/17/2008	<0.0300	<0.0040	<0.0060	<0.0010	<0.0002	0.0190	<0.0020	<0.0070	0.0190	<0.0070	<0.0100	0.0014	NA	0.0220	<0.0003	<0.04
6	6/17/2008	<0.0300	<0.0040	<0.0060	<0.0010	<0.0002	0.0180	<0.0020	<0.0070	0.0190	<0.0070	<0.0100	0.0014	NA	<0.0050	<0.0003	<0.04
7	1/29/2008	<0.0010	<0.0010	0.0043	<0.001	<0.00015	0.0304	<0.002	<0.001	0.0115	0.000312	<0.0100	<0.002	<0.003	0.0136	<0.001	<0.001
8	11/17/2008	<0.0020	<0.0005	0.0118	0.0007	0.000023		0.00309	0.0002	0.0246	0.00171	0.00805	0.00187	0.0178	<0.005	0.00019	0.00076
9	4/21/2008	<0.0020	<0.0005	0.0025	<0.0005	0.00000803	0.0157	<0.002	<0.0005	<0.005	0.00411	0.007	0.00104	<0.003	0.0738	<0.0005	<0.0005
10	8/1/2008	<0.0020	<0.0005	0.0021	<0.0005	0.0000295	0.0140	<0.002	<0.0005	0.0127	0.00056	<0.0100	0.00106	<0.003	0.0073	<0.0005	<0.0005
11	1/11/2010	<0.0300	<0.0040	<0.0060	<0.0010	0.000012	0.0160	<0.0020	<0.0070	0.0120	<0.0070	<0.0100	<0.0010	NA	<0.0050	<0.0003	<0.0400
12	1/12/2010	<0.0300	<0.0040	<0.0060	<0.0010	0.0000045	0.0150	<0.0020	<0.0070	0.0110	<0.0070	<0.0100	<0.0010	NA	<0.0050	<0.0003	<0.0400
13	1/14/2010	<0.0300	<0.0040	<0.0060	<0.0010	0.000014	0.0160	<0.0020	<0.0070	0.0073	<0.0070	<0.0100	<0.0010	NA	<0.0050	<0.0003	<0.0400
14	1/14/2010	<0.0300	<0.0040	<0.0060	<0.0010	0.0000056	0.0160	<0.0020	<0.0070	0.0080	<0.0070	<0.0100	<0.0010	NA	0.0082	<0.0003	<0.0400
15	1/19/2010	<0.0300	<0.0040	<0.0060	<0.0010	0.0000036	0.0140	<0.0020	<0.0070	0.0076	<0.0070	<0.0100	<0.0010	NA	0.012	<0.0003	<0.0400
16	1/25/2010	<0.0300	<0.0040	<0.0060	0.0015	0.0000029	0.0170	<0.0020	<0.0070	0.0150	<0.0070	<0.0100	<0.0010	NA	0.0082	<0.0003	<0.0400
Detection Level		0.0300	0.0040	0.0060	0.0010	0.0002	0.0100	0.0020	0.0070	0.0020	0.0070	0.0100	0.0010	NA	0.0050	0.0003	0.0400
Average		0.0300	0.0040	0.0055	0.0010	0.000011	0.0175	0.0020	0.0070	0.0152	0.0070	0.0100	0.0013	NA	0.0263	0.0003	0.0400
Maximum		0.0300	0.0040	0.0118	0.0015	0.0002	0.0304	0.0020	0.0070	0.0280	0.0070	0.0100	0.0018	NA	0.0738	0.0003	0.0400
>Detection Level		no	no	yes	yes	no		no	no	yes	no	no	yes	no	yes	no	no

TABLE 3. REMOVAL EFFICIENCY

	Antimony	Cadmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc	Chromium	Cyanide	Arsenic	Molybdenum	Phenols	Beryllium	Thallium
Calculated			88	80	98	49			89	67		37		38		
EPA %		67	86	61	60	42	50	75	79	82	69	45		90		
* Indicates EPA % used		*					*	*		*	*	*		*		

Mercury	Nickel	Selenium	Silver	Zinc	Chromium	Cyanide	Arsenic	Molybdenum	Phenols	Beryllium	Thallium
0.0002	<0.0100	<0.0020	<0.0070	0.0570	<0.0070	<0.0100	<0.0010	NA	0.0120	<0.0003	<0.0400
0.0002	<0.0100	<0.0020	<0.0070	0.2000	<0.0070	0.1700	<0.0010	NA	0.0830	<0.0003	<0.0400
0.0002	<0.0100	<0.0020	<0.0070	0.0360	<0.0070	<0.0100	<0.0010	NA	0.0280	<0.0003	<0.0400
0.0002	<0.0100	<0.0020	<0.0070	0.0850	<0.0070	<0.0100	<0.0010	NA	0.0660	<0.0003	<0.0400
000007	<0.0100	<0.0020	<0.0070	0.1700	<0.0070	<0.0100	<0.0010	NA	0.0220	<0.0003	<0.0400
000018	<0.0100	<0.0020	<0.0070	0.1400	<0.0070	<0.0100	<0.0010	NA	0.0220	<0.0003	<0.0400
000012	<0.0100	<0.0020	<0.0070	0.0650	<0.0070	<0.0100	<0.0010	NA	0.0100	<0.0003	<0.0400
000001	<0.0100	<0.0020	<0.0070	0.0550	<0.0070	<0.0100	<0.001	NA	<0.0050	<0.0003	<0.0400
0.0002	0.0100	0.0020	0.0070	0.0020	0.0070	0.0100	0.0010	NA	0.0050	0.0003	0.0400
000012	0.0100			0.1010	0.0070	0.0500		NA	0.0347	0.0003	0.0400
000018				0.2000	0.0700	0.1700		NA	0.0660		
yes	yes	no	no	yes	yes	no	yes	no	yes	no	no

Table 5. Maximum Allowable Head Load Calculations

Pollutant	% REM	Water Quality mg/l	Water Quality * lbs/day	Sludge mg/kg	Sludge + lbs/day	Inhibitor ** mg/l	Inhibition ++ lbs/day	MAHL lbs/day	MAHC <sup>AA</sup> mg/l	Domestic lbs/day	Allocation for % SF lbs/day <sup>A</sup>	MAIL lbs/day	MAIL mg/l	TBLL mg/l	Max Influent vs MAHC	Max Effluent vs WQS (mg/l)
Antimony	0		0				0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	NO	NO
Cadmium	67	0.0026	0.1097	85	0	1.00	13.93	0.1097	0.0079	0.0550	0.0988	0.0437	0.0031	0.2496	NO	NO
Copper	88	0.0149	1.7294	4300	0	1.00	13.93	1.7294	0.1242	0.3846	1.5564	1.1718	0.0841	6.6907	0.0358	NO
Lead	80	0.0059	0.4109	840	0	1.00	13.93	0.4109	0.0295	0.0385	0.3698	0.3313	0.0238	1.8914	NO	NO
Mercury	98	0.0000	0.0139	57	0	0.10	1.39	0.0139	0.0010	0.0002	0.0125	0.0124	0.0009	0.0706	0.0039	0.0002
Nickel	49	0.1688	4.6098	420	0	1.00	13.93	4.6098	0.3310	0.1376	4.1488	4.0112	0.2880	22.9030	NO	NO
Selenium	50	0.0072	0.2006	100	0	0.20	2.79	0.2006	0.0144	0.0000	0.1805	0.1805	0.0130	1.0306	NO	NO
Silver	75	0.0015	0.0836			0.25	3.48	0.0836	0.0060	0.0000	0.0752	0.0752	0.0054	0.4294	0.001	YES
Zinc	89	0.1317	16.6754	7500	0	0.30	4.18	4.1800	0.3001	1.3899	3.7620	2.3721	0.1703	13.5442	0.1589	NO
Chromium	82	0.4674	36.1659	3000	0	1.00	13.93	13.9300	1.0002	0.0963	12.5370	12.4407	0.8932	71.0327	NO	NO
Cyanide	69	0.0074	0.3325			0.10	1.39	0.3325	0.0239	0.6881	0.2992	-0.3888	-0.0279	-2.2201	NO	NO
Arsenic	45	2.2400	56.7241	75	0	0.10	1.39	1.3900	0.0998	0.0000	1.2510	1.2510	0.0898	7.1429	NO	NO
Molybdenum			0.0000	75	0	0.20	2.79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	NO	NO
Phenols	90		0.0000					0.0000	0.0000	0.4777	0.0000	-0.4777	-0.0343	-2.7276	NO	NO
Beryllium	0		0.0000					0.0000	0.0000	0.0041	0.0000	-0.0041	-0.0003	-0.0236	NO	NO
Thallium	0		0.0000					0.0000	0.0000	0.5504	0.0000	-0.5504	-0.0395	-3.1429	NO	NO

Dry tons/day of sludge      Safety Factor      0.1  
 MAHL= Maximum Allowable Head Load  
 MAHC=Maximum Allowable Head Calculation  
 MAIL= Maximum Allowable Industrial Loading

Avg Flow=      1.67 MGD  
 IU Avg Flow=      0.021 MGD



dmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc	Chromium	Cyanide	Arsenic	Molybdenum	Phenols	Beryllium	Thallium
0.0040	0.0330	0.0014	<0.0002	<0.0100	<0.0020	<0.0070	0.0670	<0.0070	<0.0100	0.0015	NA	0.0290	<0.0003	<0.0400
0.0040	0.0930	0.0073	<0.0002	<0.0100	<0.0020	<0.0070	0.1500	<0.0070	<0.0100	0.0018	NA	0.0094	<0.0003	<0.0400
0.0040	0.1300	0.0076	0.0049	<0.0100	<0.0020	<0.0070	0.1500	<0.0070	<0.0100	<0.0010	NA	0.0300	<0.0003	<0.0400
0.0040	0.1300	0.0220	0.00061	0.0340	<0.0020	<0.0070	0.3300	0.0080	<0.0100	0.0044	NA	0.0260	0.0003	<0.0400
0.0040	0.1600	0.0150	0.00033	<0.0100	<0.0020	<0.0070	0.1200	0.0085	<0.0100	0.0017	NA	0.1400	<0.0003	<0.0400
0.0040	0.0190	0.0055	<0.0002	<0.0400	<0.0020	<0.0070	0.0900	<0.0070	<0.0100	<0.0010	NA	0.0180	<0.0003	<0.0400
0.0010	0.0215	0.0011	<0.000015	0.0493	<0.0020	<0.0010	0.4590	0.0229	<0.0100	<0.0020	<0.003	0.0731	<0.001	<0.001
0.0010	0.0054	0.0011	<0.000015	0.1620	<0.0020	<0.0010	0.0738	0.0939	<0.0100	<0.0020	<0.003	0.0176	<0.001	<0.001
0.0005	0.0144	0.0005	0.00000153	0.0073	0.002115	0.00093	0.0498	0.00896	<0.0100	0.0016	<0.003	0.0418	<0.0005	0.0498
0.0005		0.0046	<0.00015	0.0120	<0.0020	0.00027	0.1910	0.0086	<0.0100	0.0054			<0.0005	<0.0005
0.0005	0.0190	0.0012	<0.00015	0.0121	<0.0020	0.00019	0.0987		<0.0100	<0.0005	<0.005	0.0232	0.00015	<0.0005
0.0010	0.0184	0.0019		0.0141	<0.0020	0.00025	0.0528	0.0224	<0.0100	0.00102	<0.003	0.0341	<0.001	<0.001
0.0040	0.0180	0.0042	0.000019	<0.0100	<0.0020	<0.0070	0.0710	0.0200	<0.0100	0.0011	NA	0.0500	<0.00030	<0.0400
0.0040	0.0220	0.0036	0.000031	0.0200	<0.0020	<0.0070	0.0870	0.0180	<0.0100	0.0015	NA	0.0620	<0.00030	<0.0400
0.0040	0.0180	0.0030	0.000016	0.0140	<0.0020	<0.0070	0.0800	0.0210	<0.0100	0.0015	NA	0.0800	<0.00030	<0.0400
0.0040	0.0260	0.0022	0.000012	0.0300	<0.0020	<0.0070	0.1400	0.0170	<0.0100	<0.0010	NA	0.0220	<0.00030	<0.0400
0.0040	0.0240	0.0019	0.000011	0.0240	<0.0020	<0.0070	0.1100	0.0090	<0.0100	<0.0010	NA	0.0240	<0.00030	<0.0400
0.0040	0.0060	0.0010	0.0002	0.0100	0.0020	0.0070	0.0020	0.0070	0.0100	0.0010	NA	0.0050	0.0003	0.0400
0.0040	0.0470	0.0049	0.0007	0.0344	0.0020	0.0003	0.1365	0.0209	0.0100	0.0021	NA	0.0425	0.0003	0.0400
0.0040	0.1600	0.0220	0.0049	0.1620	0.0020	0.0070	0.4590	0.0939	0.0100	0.0054	NA	0.1400	0.0003	0.0400
no	yes	yes	yes	yes	no	no	yes	yes	no	yes	no	yes	no	no

dmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc	Chromium	Cyanide	Arsenic	Molybdenum	Phenols	Beryllium	Thallium
0.0040	<0.0060	<0.0050	<0.0002	<0.0400	<0.0020	<0.0070	0.0120	<0.0100	<0.0100	0.0013	NA	<0.0050	N/A	<0.04
0.0040	0.0070	<0.0010	<0.0002	0.0230	<0.0020	<0.0070	0.0280	<0.0070	<0.0100	0.0013	NA	0.0550	<0.0003	<0.04
0.0040	<0.0060	<0.0010	<0.0002	0.0200	<0.0020	<0.0070	0.0200	<0.0070	<0.0100	0.0014	NA	0.0370	<0.0003	<0.04
0.0040	<0.0060	<0.0010	<0.0002	0.0190	<0.0020	<0.0070	0.0200	<0.0070	<0.0100	<0.0013	NA	<0.0050	<0.0003	<0.04
0.0040	<0.0060	<0.0010	<0.0002	0.0190	<0.0020	<0.0070	0.0190	<0.0070	<0.0100	0.0014	NA	0.0220	<0.0003	<0.04
0.0040	<0.0060	<0.0010	<0.0002	0.0180	<0.0020	<0.0070	0.0190	<0.0070	<0.0100	0.0014	NA	<0.0050	<0.0003	<0.04
0.0010	0.0043	<0.001	<0.00015	0.0304	<0.002	<0.001	0.0115	0.000312	<0.0100	<0.002	<0.003	0.0136	<0.001	<0.001
0.0005	0.0118	0.0007	0.000023		0.00309	0.0002	0.0246	0.00171	0.00805	0.00187	0.0178	<0.005	0.00019	0.00076
0.0005	0.0025	<0.0005	0.00000803	0.0157	<0.002	<0.0005	<0.005	0.00411	0.007	0.00104	<0.003	0.0738	<0.0005	<0.0005
0.0005	0.0021	<0.0005	0.0000295	0.0140	<0.002	<0.0005	0.0127	0.00056	<0.0100	0.00106	<0.003	0.0073	<0.0005	<0.0005
0.0040	<0.0060	<0.0010	0.000012	0.0160	<0.0020	<0.0070	0.0120	<0.0070	<0.0100	<0.0010	NA	<0.0050	<0.0003	<0.0400
0.0040	<0.0060	<0.0010	0.0000045	0.0150	<0.0020	<0.0070	0.0110	<0.0070	<0.0100	<0.0010	NA	<0.0050	<0.0003	<0.0400
0.0040	<0.0060	<0.0010	0.000014	0.0160	<0.0020	<0.0070	0.0073	<0.0070	<0.0100	<0.0010	NA	<0.0050	<0.0003	<0.0400
0.0040	<0.0060	<0.0010	0.0000056	0.0160	<0.0020	<0.0070	0.0080	<0.0070	<0.0100	<0.0010	NA	0.0082	<0.0003	<0.0400
0.0040	<0.0060	<0.0010	0.0000036	0.0140	<0.0020	<0.0070	0.0076	<0.0070	<0.0100	<0.0010	NA	0.012	<0.0003	<0.0400
0.0040	<0.0060	0.0015	0.0000029	0.0170	<0.0020	<0.0070	0.0150	<0.0070	<0.0100	<0.0010	NA	0.0082	<0.0003	<0.0400
0.0040	0.0060	0.0010	0.0002	0.0100	0.0020	0.0070	0.0020	0.0070	0.0100	0.0010	NA	0.0050	0.0003	0.0400
0.0040	0.0055	0.0010	0.000011	0.0175	0.0020	0.0070	0.0152	0.0070	0.0100	0.0013	NA	0.0263	0.0003	0.0400
0.0040	0.0118	0.0015	0.0002	0.0304	0.0020	0.0070	0.0280	0.0070	0.0100	0.0018	NA	0.0738	0.0003	0.0400
no	yes	yes	no		no	no	yes	no	no	yes	no	yes	no	no

dmium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc	Chromium	Cyanide	Arsenic	Molybdenum	Phenols	Beryllium	Thallium
88	80	98	49	50	75	89	67	69	37	38				
67	86	61	60	42	50	75	79	82	69	45		90		
*					*	*		*	*	*		*		



Silver	Zinc	Chromium	Cyanide	Arsenic	Molybdenum	Phenols	Beryllium	Thallium
<0.0070	0.0570	<0.0070	<0.0100	<0.0010	NA	0.0120	<0.0003	<0.0400
<0.0070	0.2000	<0.0070	0.1700	<0.0010	NA	0.0830	<0.0003	<0.0400
<0.0070	0.0360	<0.0070	<0.0100	<0.0010	NA	0.0280	<0.0003	<0.0400
<0.0070	0.0850	<0.0070	<0.0100	<0.0010	NA	0.0660	<0.0003	<0.0400
<0.0070	0.1700	<0.0070	<0.0100	<0.0010	NA	0.0220	<0.0003	<0.0400
<0.0070	0.1400	<0.0070	<0.0100	<0.0010	NA	0.0220	<0.0003	<0.0400
<0.0070	0.0650	<0.0070	<0.0100	<0.0010	NA	0.0100	<0.0003	<0.0400
<0.0070	0.0550	<0.0070	<0.0100	<0.001	NA	<0.0050	<0.0003	<0.0400
0.0070	0.0020	0.0070	0.0100	0.0010	NA	0.0050	0.0003	0.0400
	0.1010	0.0070	0.0500		NA	0.0347	0.0003	0.0400
	0.2000	0.0700	0.1700		NA	0.0660		
no	yes	yes	no	yes	no	yes	no	no

Quality * lay	Sludge mg/kg	Sludge + lbs/day	Inhibitor ** mg/l	Inhibition ++ lbs/day	MAHL lbs/day	MAHC^^ mg/l	Domestic lbs/day	Allocation for % SF lbs/day^	MAIL lbs/day	MAIL mg/l	TBLL mg/l	Max Influent vs MAHC	Max Effluent vs WQS (mg/l)
	85	0	1.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	NO	NO
97	4300	0	1.00	13.93	0.1097	0.0079	0.0550	0.0988	0.0437	0.0031	0.2496	NO	NO
98	840	0	1.00	13.93	1.7294	0.1242	0.3846	1.5564	1.1718	0.0841	6.6907	0.0358	NO
09		0	1.00	13.93	0.4109	0.0295	0.0385	0.3698	0.3313	0.0238	1.8914	NO	NO
39	57	0	0.10	1.39	0.0139	0.0010	0.0002	0.0125	0.0124	0.0009	0.0706	0.0039	0.0002
98	420	0	1.00	13.93	4.6098	0.3310	0.1376	4.1488	4.0112	0.2880	22.9030	NO	NO
06	100	0	0.20	2.79	0.2006	0.0144	0.0000	0.1805	0.1805	0.0130	1.0306	NO	NO
36			0.25	3.48	0.0836	0.0060	0.0000	0.0752	0.0752	0.0054	0.4294	0.001	YES
754	7500	0	0.30	4.18	4.1800	0.3001	1.3899	3.7620	2.3721	0.1703	13.5442	0.1589	NO
559	3000	0	1.00	13.93	13.9300	1.0002	0.0963	12.5370	12.4407	0.8932	71.0327	NO	NO
25			0.10	1.39	0.3325	0.0239	0.6881	0.2992	-0.3888	-0.0279	-2.2201	NO	NO
241	75	0	0.10	1.39	1.3900	0.0998	0.0000	1.2510	1.2510	0.0898	7.1429	NO	NO
00	75	0	0.20	2.79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	NO	NO
00					0.0000	0.0000	0.4777	0.0000	-0.4777	-0.0343	-2.7276	NO	NO
00					0.0000	0.0000	0.0041	0.0000	-0.0041	-0.0003	-0.0236	NO	NO
00					0.0000	0.0000	0.5504	0.0000	-0.5504	-0.0395	-3.1429	NO	NO

0.1

Avg Flow= 1.67 MGD  
IU Avg Flow= 0.021 MGD

**Appendix G**

- 1) RESOLUTION OF CITY COUNCIL**
- 2) CITY ORDINANCE**

ORDINANCE NO 919

AN ORDINANCE AMENDING CHAPTER 10.12 OF THE NASHVILLE 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 NASHVILLE, ARKANSAS.

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

SECTION 1. That Chapter 10.12 – Use of Sewer of the Nashville Municipal Code is hereby amended to read as follows:

10.12.00 – SHORT TITLE

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

Sections:

- 10.12.01 Purpose and Policy
- 10.12.02 Administration
- 10.12.03 Definitions
- 10.12.04 Abbreviations
- 10.12.05 General Sewer Use Requirements
- 10.12.06 Regulations of Discharges
- 10.12.07 Pretreatment of Wastewater
- 10.12.08 Wastewater Discharge Permit Eligibility
- 10.12.09 Wastewater Discharge Permit Issuance Process
- 10.12.10 Reporting Requirements
- 10.12.11 Compliance Monitoring

10.12.12	Confidential Information
10.12.13	Publication of Industrial Users in Significant Noncompliance
10.12.14	Administrative Enforcement Remedies
10.12.15	Judicial Enforcement Remedies
10.12.16	Supplemental Enforcement Action
10.12.17	Affirmative Defenses to Discharge Violations
10.12.18	Surcharge Costs
10.12.19	Miscellaneous Provisions

#### 10.12.01 – 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 Nashville, 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 (40CFR 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 of Nashville 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 through waste minimization, source reduction, best management practices, water and energy conservation.

This ordinance shall apply to all 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.

#### 10.12.02 – 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 Nashville against any industrial user in violation of the Nashville Municipal Code.
- 2) Except as otherwise provided herein, the Director of Public Works of the City of Nashville 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 Nashville personnel.

#### 10.12.03 – 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 operation 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) Biochemical Oxygen Demand (BOD<sub>5</sub>). The quantity of oxygen utilized in the biochemical oxidation or organic matter under standard laboratory procedure, five (5) days at 20<sup>0</sup> centigrade expressed in terms of mass and concentration [milligrams per liter (mg/l)].
- 6) Best Management Practices (BMPs). Means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to implement the prohibitions listed in Section 10.12.06 [40 CFR 403.5 (a) (1) and (b)]. BMPs include the treatment requirements, operating procedures, and practices to control plant site runoff spillage or leaks, sludge or waste disposal, or drainage from raw materials storage. BMP's also include alternative means (i.e., management plans) of complying with, or in place of certain established categorical Pretreatment Standards and effluent limits.

- 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) Categorical Industrial User. An Industrial user subject to a categorical Pretreatment Standard or categorical Standard.
- 11) Chemical Oxygen Demand (COD). A measure of the oxygen required to oxidize all compounds, both organic and inorganic, in water.
- 12) City. The City of Nashville, County of Howard, in the State of Arkansas or the City Council of the City of Nashville.
- 13) Collector Building Sewer. Shall mean a sewer on 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 termination, and with pipe having a diameter of at least six (6) inches and such sewers shall be located outside building walls and footings.
- 14) 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.
- 15) Combined Sewer. Shall mean a sewer receiving both surface runoff and sewage.
- 16) 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.
- 17) Control Authority. The term "Control Authority" shall mean the Director of Public Works of the City of Nashville and who is charged with certain duties and responsibilities by this ordinance, or his duly appointed or authorized representative.
- 18) Control Manhole or Control Point. Shall mean a point of access to a building sewer mixes with other wastewater conveyed by the public sewer.
- 19) Council or City Council. Shall mean the duly elected or appointed governing body of the City of Nashville.
- 20) 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



Nashville, Arkansas, and who is charged with certain duties, responsibilities by this ordinance, or the duly appointed or authorized representative of such person.

- 21) Daily Maximum. The arithmetic average of all effluent samples for a pollutant collected during a calendar day.
- 22) 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.
- 23) 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.
- 24) Existing Source. Any source of discharge that is not a "New Source."
- 25) 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.
- 26) Grab Sample. A sample which is taken from waste stream without regard to the flow in the waste stream and over a period of time not to exceed fifteen (15) minutes.
- 27) Indirect Discharge or Discharge. The introduction of (nondomestic) pollutants into the POTW from any nondomestic source.
- 28) Industrial User or User. A source of indirect discharge.
- 29) Industrial Wastes. Shall mean the liquid wastes from any non-domestic manufacturing processes, trade, or business as distinct from sanitary sewage.
- 30) 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.
- 31) 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 Nashville'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. [40 CFR 403.3 (k)].

- 32) Local Limit. Specific discharge limits developed and enforced by the City of Nashville upon industrial or commercial facilities to implement the general and specific discharge prohibitions listed in 40 CFR 403.5 (a) (1) and (b).
- 33) Mayor. Shall mean the Mayor of the City of Nashville, Arkansas.
- 34) 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.
- 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 divided by the number of daily discharges measured during that month.
- 37) 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.
- 38) 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).
- 39) Natural Outlet. Shall mean any outlet into a watercourse, pond, ditch, lake, or other body of surface or ground water.
- 40) 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 is 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 or 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 10.12.03, (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
    - c) 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.

41) Noncontact Cooling Water. Water used for cooling which does not come into direct contact with any raw material intermediate product, waste product, or finished product.

42) Normal Domestic Wastewater. Means wastewater, excluding that from non-residential uses, discharged by a person into the POTW in which the average concentration of BOD<sub>5</sub> is not more than 300 mg/l and TSS is not more than 300 mg/l.

43) North American Industry Classification System (NAICS), is the standard used by Federal statistical agencies in classifying business establishments for the purpose of collecting, analyzing, and publishing statistical data related to the U.S. business economy. NAICS was developed under the auspices of the Office of Management and Budget (OMB), and adopted in 1997 to replace the Standard Industrial Classification (SIC) system.

44) 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 Nashville's NPDES permit (including an increase in the magnitude or duration of a violation).

45) Person. Any individual, partnership, co-partnership, 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.

- 56) Public Sewer. Shall mean a sewer in which all owners of abutting properties have equal rights, and in controlled by the City of Nashville.
- 57) Septic Tank Waste. Any sewage from holding tanks such as vessels, chemical toilets, campers, trailers, and septic tanks.
- 58) Sewage. Human excrement and gray water (household showers, dishwashing operations, etc.).
- 59) Sewer Surcharge or Surcharge. Shall a sewer service charge above the normal monthly sewer rate which may be assessed to those non-residential sewer users who discharge into the POTW wastewater having BOD<sub>5</sub> in excess of 300 mg/l or suspended solids content in excess of 300 mg/l.
- 60) Significant Industrial User. Shall apply to: a) industrial users subject to categorical pretreatment standards; and b) any other industrial user that discharges an average of 25,000 gpd or more of process wastewater, contributes a process waste stream which makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the treatment plant or, is designated as significant by the City of Nashville 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.

Upon a finding that a User meeting the criteria in Subsection (b) of this part has no reasonable potential for adversely affecting the POTW's operation, the City of Nashville may at any time, on its own initiative or in response to a petition received from an Industrial User, and in accordance with procedures in 40 CFR 403.8(f)(6), determine that such User should not be considered a Significant Industrial User.

- 61) Slug Load. Any discharge at a flow rate or concentration which could cause a violation of the prohibited discharge standards in Section 10.12.06 of this ordinance or any discharge of a non-routine, episodic nature, including but not limited to, an accidental spill or a non-customary batch discharge which has a reasonable potential to cause Interference or Pass Through, or in any other way violate the POTW's regulations, Local Limits or Permit conditions.
- 62) Standard Industrial Classification (SIC) Code. A classification pursuant to the Standard Industrial Classification Manual issued by the U.S. Office of Management and Budget.
- 63) Storm Water. Any flow occurring during or following any form of natural precipitation, and resulting therefrom, including snowmelt.
- 64) Surface Water. Shall mean any watercourse, pond, stream, ditch, lake, or other body of water occurring on the earth's surface.
- 65) 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.

- 46) pH. A measure of the acidity or alkalinity of a substance, expressed in standard units.
- 47) 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.
- 48) 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).
- 49) Pollution Prevention (P2) shall mean waste reduction prior to recycling, treatment, or disposal. Pollution prevention means "source reduction," as defined under the Pollution Prevention Act, and other practices that reduce or eliminate the creation of pollutants through: Increased efficiency in the use of raw materials, energy, water, or other resources, or protection of natural resources by conservation.
- 50) 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 in to 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.
- 51) Pretreatment Requirements. Any substantive or procedural requirement related to pretreatment imposed on an industrial user, other than a pretreatment standard.
- 52) Pretreatment Standards or Standards. Pretreatment standards shall mean prohibitive discharge standards, categorical pretreatment standards, narrative BMPs and technically based local limits.
- 53) Prohibited Discharge Standards or Prohibited Discharges. Absolute prohibitions against the discharge of certain substances; these prohibitions appear in Section 10.12.06 of this ordinance.
- 54) 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.
- 55) 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.

- 66) To Discharge. Includes depositing, conducting, draining, emitting, throwing, running, allowing to seep, or otherwise release or dispose of, or to allow, permit, or suffer any of these acts or omissions.
- 67) 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.
- 68) Trap. Means a device designed to skim, settle or otherwise remove grease, oil, sand, flammable wastes or other harmful substances.
- 69) Treatment Plant Effluent. Any discharge of pollutants from the POTW into waters of the State.
- 70) Unusual BOD. Is defined as BOD<sub>5</sub> in excess of 300 mg/l.
- 71) Unusual Suspended Solids. Is defined as total suspended solids in excess of 300 mg/l.
- 72) User. A source of indirect discharge.
- 73) 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.
- 74) Wastewater Treatment Plant or Treatment Plant. That portion of the POTW designed to provide treatment of sewage and industrial wastes.
- 75) 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.

#### 10.12.04 - ABBREVIATIONS

The following abbreviations shall have the designated meanings:

- BOD - Biochemical Oxygen Demand
- BMP - Best Management Practice
- BMR - Baseline Monitoring Report
- CIU - Categorical Industrial User
- CFR - Code of Federal Regulations
- COD - Chemical Oxygen Demand
- EPA - U.S. Environmental Protection Agency
- IU - Industrial User
- gpd - Gallons per Day
- l - Liter

- mg - Milligrams
- mg/l - Milligrams per Liter
- NAICS - North American Industrial Classification System
- NPDES - National Pollutant Discharge Elimination System
- OSHA - Occupational Safety and Health Administration (Title 29, Chapter XVII CFR)
- O&M - Operation and Maintenance
- P2 - Pollution Prevention
- POTW - Publicly Owned Treatment Works
- RCRA - Resource Conservation and Recovery Act
- SIC - Standard Industrial Classifications
- SWDA - Solid Waste Disposal Act (42 U.S.C. 6901 et seq.)
- TSS - Total Suspended Solids
- USC - United States Code

#### 10.12.05 – GENERAL SEWER USE REQUIREMENTS

##### 1) Use of Public Sewers

- A. It shall be unlawful to discharge to any natural outlet within the City of Nashville, 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 and 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 buildings 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 right of ways 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 10.12.03 (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 Nashville, Arkansas, or any area under the jurisdiction of said City, all persons shall first obtain a permit for such construction from the City of Nashville. 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 10.12.03 (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 10.12.03 (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 Nashville. No permit shall be issued for a sewer connection until the then current tie-on fee prescribed by Section 10.04.03 of the Nashville Municipal Code has been paid.
- B. There shall be two (2) classes of building sewer permits:
  - I. For service to residential establishments; and
  - II. 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 10.12.08 of the Nashville 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 10.12.09 of the Nashville 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:
  - I. 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
  - II. 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 Nashville public sewer may be of any approved material listed in the State of Arkansas Plumbing Code.

The Director of Public Works shall approve:

- I. Type of material and size of pipe to be used in the construction of building sewers; and
  - II. 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 Nashville Sewer Department personnel.
  - H. Persons possessing building sewer permits shall indemnify the City of Nashville 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 Nashville harmless from any loss or damage that may directly be occasioned by the installation and/or operation of the building sewer.

## 10.12.06 – REGULATIONS OF DISCHARGES

### 1) Prohibited Discharge Standards

No 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 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, waste streams with a closed-cup flashpoint of less than 140<sup>0</sup>F (60<sup>0</sup>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<sup>0</sup>F (65<sup>0</sup>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<sup>0</sup>F (40<sup>0</sup>C).
- F. Petroleum oil, non-biodegradable 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 Nashville in accordance with Section 10.12.07 (5) of the Nashville 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 the City of Nashville'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 sludge, 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

Users must comply with the categorical Pretreatment Standards found at 40 CFR Chapter I, Subchapter N, Parts 405-471.

- 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 waste stream formula in 40 CFR 403.6(e).
- C. Combined waste stream 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, as defined in §403.12 (a), 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.

### 3) State Requirements

RESERVED

### 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, Section ( ). 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) City’s Right of Revision

The City of Nashville 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 10.12.01 of the Nashville Municipal Code or the general or specific prohibitions in Section 10.12.06 of the Nashville Municipal Code.

6) Special Agreement

The City of Nashville 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.

7) 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.

#### 10.12.07 – 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 10.12.06 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 Nashville 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 Nashville 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 discharged only into specific sewers, relocate and/or consolidate points of discharge, separate sewage waste streams from industrial wastes streams, 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, oil and sand interceptor shall be provided when, in the opinion of the Director of Public Works, they are necessary for the proper handling of wastewater containing excessive amounts of grease and oil, flammable wastes, sand, or other objectionable wastes; except that such interceptors shall not be required for private living quarters or dwelling units.

All interceptors shall be of type approved by the Director of Public Works, provide a minimum detention time of 12 minutes, have a minimum capacity of 500 gallons and shall be so located to be easily accessible for cleaning and inspection.

All interceptors shall be continuously maintained in satisfactory and effective operation by the owner at his expense. Storage, handling, transportation, and disposal of all wastes generated from interceptors shall be performed in accordance with all applicable Federal, State, and local regulations that pertain to that type and/or class of waste.

- 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 may require any industrial user to develop and implement an accidental discharge/slug control plan or other action to control Slug Discharges. Any industrial user required to develop and implement an accidental discharge/control slug plan shall submit a plan which addresses, at a minimum, the following:

- A. Description of discharge practices, including non-routine 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 10.12.06 of the Nashville 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. Only normal domestic 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 10.12.06 of the Nashville Municipal Code or any other requirements established or adopted by the City of Nashville. Wastewater discharge permits for individual vehicles to use such facilities may be issued by the Director of Public Works. The Director of Public Works shall have authority to prohibit the disposal of such wastes, if such disposal would interfere with the treatment plant operation.

B. Fees for dumping septage will be established by the City of Nashville as part of the industrial user fee system as authorized in Section 10.12.19 (1).

6) Vandalism

No person shall maliciously, willfully or negligently break, damage, destroy, uncover, deface, tamper with or prevent access to any structures, 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 10.12.14 through 10.12.16 of the Nashville Municipal Code.

10.12.08 – INDIVIDUAL WASTEWATER DISCHARGE PERMITS

1) Wastewater/Analysis Survey

When requested by the Director of Public Works, a user must submit information on the nature and characteristics of their wastewater by completing a wastewater survey prior to commencing their discharge. Surveys are to be completed and returned within thirty (30) days of the request. The Director of Public Works is authorized to prepare a form for this purpose and may periodically require users to update the survey. Failure to complete this



survey shall be reasonable grounds for terminating service to the user and shall be considered a violation of the Nashville Municipal Code.

2) Individual Wastewater Discharge Permits

- A. It shall be unlawful for any significant industrial user to discharge wastewater into the Nashville 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 Nashville Municipal Code and subjects the wastewater discharge permittee to the sanctions set out in Sections 10.12.13 through 10.12.16 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 users, including liquid waste haulers, to obtain wastewater discharge permits as necessary to carry out the purposes of this ordinance.
- C. Any violation of the terms and conditions of a wastewater discharge permit shall be deemed a violation of this ordinance and subjects the wastewater discharge permittee to the sanctions set out in Sections 10.12.14 and 10.12.15 of this ordinance. Obtaining 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.

3) Wastewater Discharge Permitting Existing Connections

The City of Nashville may, within 30 days of determining that an existing industrial user is a significant industrial user as defined by Section 10.12.03 (49) of the Nashville 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 Nashville for a wastewater discharge permit in accordance with Section 10.12.06 (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 filled at least ninety (90) days prior to the date upon which any discharge will begin.

5) Wastewater Discharge Permitting Extra Jurisdictional Industrial Users (Industrial Users Outside Corporate Limits of the City of Nashville)

A. Any existing significant industrial user located beyond the City of Nashville corporate limits shall submit a wastewater discharge permit application, in accordance with Section 10.12.08 (6) below, to the Director of Public Works within ninety (90) days of notification of the requirement. Such extra jurisdictional industrial users shall be subject to all the provisions of Section 10.12.03 (3) above. New (potential) significant industrial users located beyond the City of Nashville corporate limits shall submit such applications to the Director of Public Works ninety (90) days prior to any proposed discharge into the POTW.

B. Nothing in the foregoing Sections 10.12.08 (A) and (B), or any provisions of the Nashville Municipal Code shall be construed as requiring the City of Nashville to accept wastewater into the POTW from any industrial user or significant industrial user located outside the City of Nashville corporate limits.

6) Wastewater Discharge Permit Application Contents

In order to be considered for a wastewater discharge permit, all users required to have a wastewater discharge permit must submit the information required by Section 10.12.10 (1) (B) of the Nashville 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. Identifying Information: (1) The name and address of the facility, including the name of the operator and owner. (2) Contact information, description of activities, facilities, and plant production processes on the premises;
- B. Environmental Permits. A list of any environmental control permits held by or for the facility.
- C. A comprehensive description of activities, facilities, and plant processes on the premises, including a list of all raw materials and chemicals (not trade names) used or stored at the facility which are, or could accidentally or intentionally be, discharged to the POTW.
- D. Number and type of employees hours of production and operation of pretreatment facilities, and proposed or actual hours of discharge to the POTW.
- E. Each product produced by type, amount, process or processes, and rate of production.
- F. Type and amount of raw materials processed (average and maximum per day).
- G. Comprehensive 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.
- H. Time and duration of the discharges.
- I. The location for monitoring all wastes covered by the permit;
- J. Flow measurement. 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).
- K. Measurement of Pollutants.
  - 1. The categorical Pretreatment Standards applicable to each regulated process and any new categorically regulated processes for Existing Sources.
  - 2. The results of sampling and analysis identifying the nature and concentration, and/or mass, where required by the Standard or by the Director of Public Works, of regulated pollutants in the discharge from each regulated process.
  - 3. Instantaneous, Daily Maximum, and long-term average concentrations, or mass, where required, shall be reported.
  - 4. The sample shall be representative of daily operations and shall be analyzed in accordance with procedures set out in Section 6.10 of this ordinance. Where the Standard requires compliance with a BMP or pollution prevention alternative, the User shall submit documentation as required by Director of Public Works or the applicable Standards to determine compliance with the Standard.
  - 5. Sampling must be performed in accordance with the procedures set out in Section 6.11 of this ordinance.

L. Pollution Prevention (P2) activities such as source reduction, waste minimization, environmental management systems, water and energy conservation.

M. 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

A. 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."*

B. If the designation of an Authorized Representative is no longer accurate because a different individual or position has responsibility for the overall operation of the facility or overall responsibility for environmental matters for the company, a new written authorization satisfying the requirements of this Section must be submitted to the Director of Public Works prior to or together with any reports to be signed by an Authorized Representative.

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.

#### 10.12.09 – 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 must 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 Director of Public Works, 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;
4. Self-monitoring, sampling, reporting, notification, and record keeping requirements. These requirements shall include an identification of pollutants (or best management practice) 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 Discharge, if determined by the Director of Public Works to be necessary.
- 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 non-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 charges 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.
10. Best Management Practices or BMPs means 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.

3) Wastewater Discharge Permit Appeals

Any person, including the industrial user, may petition the Director of Public Works 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 Director of Public Works 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, 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, the receiving waters or threatens the POTW's beneficial sludge use.
- 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 applications 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 has 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 Director of Public Works of significant changes to the wastewater prior to the changed discharge.
- B. Failure to provide prior notification to the Director of Public Works of changed condition pursuant to Section 10.12.10 (5) of the Nashville 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 Nashville 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 permits 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 10.12.08 (6) of the Nashville Municipal Code a minimum of sixty (60) days prior to the expiration of the industrial user's existing wastewater discharge permit.

## 10.12.10 – 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 CFR 403.6 (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 Nashville 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 Nashville a report which contains the information listed in Section 10.12.10 (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, standard industrial classifications and NAICS code(s) 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 Measurement. Information showing the measured (actual or estimated) 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 waste stream 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 Nashville 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 10.12.10 (10) below.

- c) The user shall take a minimum of one representative sample to compile that data necessary to comply with the requirements of this paragraph.
  - d) Samples should be taken immediately downstream from pretreatment facilities if such exist or immediately downstream from the regulated process if no pretreatment exists. If other wastewaters are mixed with the regulated wastewater prior to pretreatment the User should measure the flows and concentrations necessary to allow use of the combined waste stream formula in 40 CFR 403.6(e) to evaluate compliance with the Pretreatment Standards. Where an alternate concentration or mass limit has been calculated in accordance with 40 CFR 403.6(e) this adjusted limit along with supporting data shall be submitted to the City.
  - e) Sampling must be performed in accordance with procedures set out in Section 10.12.10 (11) below.
  - f) The baseline monitoring report shall indicate the time, date and place of sampling and methods of analysis, and shall certify that such sampling and analysis is representative of normal work cycles and expected pollutant discharges to the City.
  - g) The Director of Public Works may allow the submission of a baseline report which utilizes only historical data so long as the data provides information sufficient to determine the need for industrial pretreatment measures;
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 10.12.08 (6) of the Nashville Municipal Code.

8. User certification. All baseline monitoring reports must be signed and certified in accordance with Section 10.12.08 (7) of the Nashville Municipal Code.

- 2) Compliance Schedule Progress Report

The following conditions shall apply to the schedule required by Section 10.12.10 (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 Director of Public Works a report containing the information described in Section 10.12.10 (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 10.12.08 (7) above. All sampling will be done in conformance with section 6.11.

#### 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) or on dates specified], 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 10.12.08 (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 Director of Public Works, or the Pretreatment Standard necessary to determine the compliance status of the User.
- B. All periodic compliance reports must be signed and certified in accordance with Section 10.12.08 (7) of this ordinance.
- C. All wastewater samples must be representative of the industrial user's discharge. Wastewater monitoring and flow measurement facilities shall be properly operated, kept clean, 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.
- D. 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 10.12.10 (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 of the 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 10.12.08 (6) above.
- B. The Director of Public Works may issue a wastewater discharge permit under Section 10.12.08 (8) above, or modify an existing wastewater discharge permit under Section 10.12.09 (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, 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 10.12.07 (1) and (4) of the Nashville Municipal Code], it is the responsibility of the industrial user to immediately telephone and notify the City of Nashville 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 Nashville 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 10.12.10 (6) (A) above. Employers shall ensure that all employees, who may cause or suffer such 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 Unpermitted Users

All Users not required to obtain an individual wastewater discharge permit shall provide appropriate reports to the Director of Public Works as the Director of Public Works may require. Reports/information which may be requested include, but are not limited to, the nature and characteristic of the User's wastewater. Failure to complete the requested reports or provide information shall be considered a violation of this Ordinance and considered reasonable grounds for legal action as provided in this Ordinance.

8) Notice of Violation/Repeat Sampling and Reporting

If sampling performed by a user indicates a violation, the user shall notify the Control Authority (The City of Nashville) within 24 hours of becoming aware of the violation. The 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 user is not required to re-sample if the POTW performs compliance monitoring of the user's wastewater discharge at least once a month, or if the POTW performs compliance monitoring which indicates compliance, between the user's initial sampling and when the 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 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 waste stream discharged during the calendar month, and an estimation of the mass of constituents in the waste stream expected to be discharged during the following twelve (12) months. All notifications shall take place no later than 180 days after the discharge commences. Any notification under this paragraph needs to be submitted only once for each hazardous waste discharge. However, notification of changed discharges shall be submitted under Section 10.12.10 (1), (3) and (4) above.

- B. Discharges 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, 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, sampling and analyses must be performed in accordance with procedures approved by the EPA.

All independent laboratories performing analyses for Users, including, but not limited to, self-monitoring, periodic reports on continuing compliance, baseline monitoring reports and/or split sample verification, shall be certified by the ADEQ Laboratory Certification



Program for the specific analysis being performed. The Director of Public Works reserves the right to reject any analysis by an independent laboratory that is not duly certified for a particular analysis.

#### 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 Director of Public Works. Where time-proportional composite sampling or grab sampling is authorized by [The Director of Public Works], 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 Director of Public Works, 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 access 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) Date of Receipt of Reports

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 Nashville or where the User has been specifically notified of a longer retention period by the Director of Public Works.

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 6.1 B (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.*

#### 10.12.11 – COMPLIANCE MONITORING

##### 1) Inspection and Sampling

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

- A. Where a 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 Nashville, State, and EPA will be permitted to enter without delay, for the purposes of performing their specific requirements.

- B. The City of Nashville, State, and EPA shall have the right to set up on the 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 Nashville may require the 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 user at its own expense. All devices used to measure wastewater flow and quality shall be calibrated annually to ensure their accuracy.
- D. Any temporary or permanent obstruction to safe and easy access to the 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 borne by the user.
- E. Unreasonable delays in allowing authorized City of Nashville personnel access to the 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 probable 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 Nashville 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 Nashville City Attorney, seek issuance of a search warrant from the Municipal Court of the City of Nashville. The Municipal Court of the City of Nashville 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 Nashville. In the event of an emergency effecting public health and safety, inspections may be made without the issuance of a warrant.

#### 10.12.12 – CONFIDENTIAL INFORMATION

Information and data on a user obtained from reports, surveys, wastewater discharge permit applications, wastewater discharge permits, and monitoring programs, and from City of Nashville inspection and sampling activities, shall be available to the public without restriction – unless the user specifically request, and is able to demonstrate to the satisfaction of the City of Nashville, 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 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.

#### 10.12.13 – PUBLICATION OF INDUSTRIAL USERS IN SIGNIFICANT NONCOMPLIANCE

The City of Nashville shall publish annually, in the largest daily newspaper published in the municipality where the POTW is located, a list of the 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 sixty six percent (66%) or more of all the measurements taken for the same pollutant parameter taken during a six (6) month period exceed (by any

magnitude) a numeric Pretreatment Standard or Requirement, including Instantaneous Limits as defined in Section 10.12.03;

- B. Technical Review Criteria (TRC) violations, defined here as those in which thirty three percent (33%) or more of wastewater measurements taken for each pollutant parameter during a six (6) month period equals or exceeds the product of the numeric Pretreatment Standard or Requirement including Instantaneous Limits, as defined by Section 10.12.03 multiplied by the applicable criteria (1.4 for BOD, TSS, fats, oils and grease, and 1.2 for all other pollutants except pH;
- C. Any other violation of a Pretreatment Standard or Requirement as defined by Section 10.12.03 (Daily Maximum, long term average, Instantaneous Limit, or narrative standard) that the City of Nashville determines has caused, alone or in combination with other discharges, Interference or Pass Through, including endangering the health of POTW personnel or the general public;
- D. Any discharge of pollutants that has caused imminent endangerment to the public or to the environment, or has resulted in the City of Nashville 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 Nashville determines will adversely affect the operation or implementation of the local pretreatment program.

#### 10.12.14 – ADMINISTRATIVE ENFORCEMENT REMEDIES

The City of Nashville includes these remedies per its Pretreatment Program's Enforcement Response Plan.

##### 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 the duly appointed or authorized representative 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 user to the Director of Public Works. Nothing in this Section shall limit the authority of {the Director of Public Works} to take any action, including emergency actions or any other enforcement action, without first issuing a Notice of Violation.

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(s) 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 10.12.14 (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 Nashville City Council and show cause why a proposed enforcement action should not be taken. Notice shall be served on the 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 Nashville.

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, water and/or 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 violations, 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 find 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 Nashville that the period of endangerment has passed, unless the termination proceedings set forth in Section 10.12.14 (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 Section 10.12.14 (3) above and 10.12.14 (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 10.12.09 (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 10.12.06 (1) above.
- F. Falsifying Pretreatment documents or tampering with sampling equipment in an attempt to alter representative sampling.

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 10.12.14 (3) of this ordinance why the proposed action should not be taken.

10.12.15 – JUDICIAL ENFORCEMENT REMEDIES

The City of Nashville includes these remedies per its Pretreatment Program's Enforcement Response Plan.

1) Injunctive Relief

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 hereunder, or any other pretreatment requirement, the Director of Public Works may petition a Court of competent jurisdiction through the Nashville 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 10.12 of the Nashville 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 Nashville. 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 may be liable to the City of Nashville. 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 may be assessed. 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 Nashville City Council resolving to pursue such civil penalties.
- C. The City of Nashville 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 Nashville.
- 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, 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 Act 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 Nashville 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 10.12.15 (2) above.

4) Remedies Nonexclusive

The provisions in Section 10.12.13, 10.12.14, 10.12.15, and 10.12.16 of the Nashville Municipal Code are not exclusive remedies. The City of Nashville 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 Nashville's enforcement response plan. However, the City of Nashville reserves the right to take other action against any user when the circumstances warrant. Further, the City of Nashville is empowered to take more than one enforcement action against any noncompliant user. These actions may be taken concurrently.

10.12.16 – 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 Nashville, 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 recommence, at the user's expense, after it has satisfactorily demonstrated its ability to comply.

10.12.17 - BYPASS

1) For the purpose of this Section,

A) Bypass means the intentional diversion of wastestreams from any portion of a User's treatment facility,

B) 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.

2) A 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 to assure efficient operation. These bypasses are not subject to the provision or paragraphs (1) and (4) of this Section.

3) Bypass Notification

A) If a User knows in advance of the need for a bypass, it shall submit prior notice to the Director of Public Works, at least ten (10) days before the date of the bypass, if possible.

B) A User shall submit oral notice to the Director of Public Works of an unanticipated bypass that exceeds applicable Pretreatment Standards within twenty four (24) hours from the time it becomes aware of the bypass. A written submission shall also be provided within five (5) days of the time the 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 Director of Public Works} may waive the written report on a case by case basis if the oral report has been received within twenty four (24) hours.

4) Bypass

A) Bypass is prohibited, and {the Director of Public Works} may take an enforcement action against a User for a bypass, unless,

1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

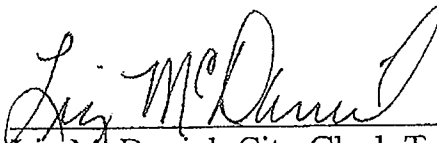
2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

3. The User submitted notices as required under paragraph (3) of this section.

PASSED AND APPROVED this 28th day of August, 2012.

  
BILLY RAY JONES, MAYOR

ATTEST:

  
Liz McDaniel, City Clerk Treasurer



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