



Alabama Department of Environmental Management
adem.alabama.gov

MAY 16, 2019

1400 Coliseum Blvd. 36110-2400 ■ Post Office Box 301463
Montgomery, Alabama 36130-1463
(334) 271-7700 ■ FAX (334) 271-7950

MR STEVE WILSON
CHAIRMAN
HALEYVILLE WATER WORKS AND SEWER BOARD
808 21ST STREET
HALEYVILLE AL 35565

Re: REVISED DRAFT LOCAL LIMITS
HALEYVILLE WATER WORKS AND SEWER BOARD
HALEYVILLE SOUTH WWTP
NPDES PERMIT NO. AL0059455

Dear Mr. Wilson:

This letter is to provide notification that ADEM has revised the draft local limits document for the Haleyville South WWTP. A copy of this draft along with supporting information is attached for your review and comment. ADEM is requesting that your comments be received no later than 30 days from the date of this letter.

Following evaluation of any additional information provided, revised draft local limits will be developed if needed. If your facility has no further comments and does not wish to establish a sampling program, ADEM will proceed with the development of final local limits based on the attached revised draft. After consideration of any comments received during the public notice period, a final determination on the local limits will be made. All permits issued to industrial users must comply with adopted local limits.

Should you have any questions about this process, please contact Rachel Stanaland by email at restanaland@adem.alabama.gov or by phone at (334) 279-3065.

Sincerely,

Scott Ramsey, Chief
Industrial Section
Industrial/Municipal Branch
Water Division

Attachments: Draft Local Limits
Rationale for Local Limits
Local Limits/Pass Through Calculations

CC: Fontaine Trailer Co
MHT Flooring Technologies
Draper Rushing, ADEM
Theo Pinson, ADEM



LOCAL LIMITS

PUBLICLY OWNED TREATMENT WORKS: HALEYVILLE SOUTH WWTP

LOCATION: HALEYVILLE, ALABAMA
MARION COUNTY

PERMIT NUMBER: AL0059455

GENERAL PRETREATMENT PROHIBITIONS

No discharge to the Publicly Owned Treatment Works (POTW) shall exceed or otherwise violate the General Pretreatment Standards described in ADEM Administrative Code 335-6-5. Specifically the POTW shall ensure that discharges to their system comply with the following prohibitions to ensure protection of the treatment and collections systems and to ensure worker safety:

Pollutants which create a fire or explosion hazard including but not limited to waste streams with a closed cup flashpoint of less than 140 degrees Fahrenheit;

Pollutants which will cause corrosive structural damage to the treatment works but in no case discharges with a pH lower than 5.0 S.U. unless the treatment works are specifically designed to accommodate such discharges;

Solid or viscous pollutants in amounts which will cause obstruction to the flow in sewers or other interference with the operation of the treatment works;

Any pollutant, including oxygen demanding pollutants released in a discharge of such volume or strength as to cause interference in the treatment works;

Heat in amounts which will inhibit biological activity in the treatment plant resulting in interference, but in no case in such quantities that the temperature of the effluent at the treatment plant exceeds 104 degrees Fahrenheit unless the treatment plant is designed to accommodate such heat;

Pollutants which will result in the presence of toxic gases, vapors or fumes within the treatment works in a quantity that may cause acute worker health and safety problems;

Any trucked or hauled pollutants except at discharge points designated by the treatment works; and

Petroleum oil, nonbiodegradable cutting oil, or products of mineral origin in such amounts that will cause interference or pass through.

GENERAL PRETREATMENT STANDARDS AND LOCAL LIMITS

POLLUTANTS:

The total average daily loading of the substances from all sources shall not exceed the indicated mass listed below.

| <u>Parameter</u> | <u>Allowable Average Daily Pollutant Load at Headworks of POTW</u> (lbs/day) |
|-----------------------------|---|
| Arsenic, Trivalent | 0.0044 |
| Cadmium, Total Recoverable | 0.0211 |
| Chromium, Total Recoverable | 13.08 |
| Copper, Total Recoverable | 1.100 |
| Cyanide, Free | 0.1119 |
| Lead, Total Recoverable | 0.2090 |
| Mercury, Total Recoverable | 0.0007 |
| Nickel, Total Recoverable | 0.6460 |
| Silver, Total Recoverable | 0.0858 |
| Zinc, Total Recoverable | 6.133 |

No future loading above the domestic wastewater concentration of Arsenic, Cadmium, Cyanide or Lead will be allowed. All new or expanding industrial dischargers containing these pollutants shall be limited as indicated below:

| <u>Parameter</u> | <u>Allowable Average Concentration</u> (mg/l) |
|----------------------------|--|
| Arsenic, Trivalent | 0.001 |
| Cadmium, Total Recoverable | 0.003 |
| Cyanide, Free | 0.04 |
| Lead, Total Recoverable | 0.05 |

HYDRAULIC LOADING:

The hydraulic loading on an average basis is the design capacity of the treatment plant which is 0.8 million gallons per day.

ORGANIC LOADING:

The organic loading (CBOD₅) is the design capacity of the treatment plant which is 1114 pounds per day.

SOLIDS LOADING

The Total Suspended Solids loading (TSS) is the design capacity of the treatment plant which is 1334 pounds per day.

EFFECTIVE DATE:

ISSUANCE DATE:

DRAFT

Alabama Department of Environmental Management

Rationale for Local Limits

Haleyville South WWTP
0.8 MGD Activated sludge
Haleyville/Marion County

(AL0059455)

Reissuance
Prepared Date: 1/3/2019
Prepared By: Ed Hughes
Revised Date: 5/16/2019

Nonconventional Pollutants:

Pass Through:

Allowable pollutant loadings were based on state water quality standards applicable to streams with a use designation of Fish & Wildlife. Local limits calculations were performed using a receiving stream 7Q10 of 0.0 cfs, 1Q10 of 0.0 cfs, an annual average flow of 0.24 cfs and a stream hardness of 100 mg/l as CaCO₃. The treatment plant removal rates and untreated domestic sewage pollutant concentrations were based on Best Professional Judgment using literature values and EPA recommended levels as the basis unless site specific data was available. Calculations estimate the allowable quantity of heavy metals (measured as Total Recoverable) and Free Cyanide that can be discharged into the POTW to ensure that state water quality standards for aquatic toxicity and human health criteria are met in the receiving stream during critical flow conditions. Because only the portion of heavy metals present in dissolved form is “bioavailable” to aquatic life, the calculations which evaluate aquatic toxicity take into account the relationship between “dissolved” metals and metals measured using the Total Recoverable test procedure. The allowable pollutant loadings based on pass through concerns are located in column 11 of the Local Limits-Pass Through (LL-PT) spreadsheet.

Interference:

The Department evaluated the potential for processes at the POTW to be inhibited as result of the pollutant loading entering the treatment works. Inhibition values were based on Best Professional Judgment using literature values and EPA recommended levels as the basis unless site specific information was provided by the POTW. The allowable pollutant loadings based on inhibition concerns are located in column 13 of the LL-PT spreadsheet.

Sludge Disposal:

The POTW disposes of sludge using land application. According to the POTW’s NPDES application, 385 pounds per day of sludge are generated and disposed based on an average influent flow of 0.477 MGD. This equates to 0.323 tons per day at the design flow of 0.8 MGD. This value was used in the development of local limits for this site. For POTWs that use land application as a means of disposal the LL-PT spreadsheet calculates the allowable pollutant loading to ensure that metal concentrations in the sludge comply with EPA 503 regulations for land application of biosolids. The results of these calculations are located in column 14 of the spreadsheet.

Column 15 of the LL-PT spreadsheet indicates the most stringent of the above three criteria. These loadings are considered the POTW’s total headworks capacity for the pollutants of concern.

The LL-PT spreadsheet also lists the current loading of the pollutants of concern from domestic/commercial and industrial sources and determines the remaining capacity currently available. Domestic/commercial loadings are indicated in Columns 16 and current industrial loadings are shown in column 17 (a listing of each significant industrial user and their permit limits and average reported discharge level for pollutants without permit limits is shown on the attached Significant Industrial Users sheet). Column 18 of that spreadsheet shows the remaining capacity after subtracting the current loadings. Negative values indicate that no additional capacity is available for these pollutants. Specifically, these calculations estimate that no additional loading of Arsenic, Cadmium, Cyanide or Lead above the domestic sewage concentration can be allowed; therefore, new and expanded discharges shall be limited to domestic sewage concentrations. The limiting factor for each of these pollutants is shown below:

| Parameter | Limiting Factor |
|----------------------------|-----------------|
| Arsenic, Trivalent | Water Quality |
| Cadmium, Total Recoverable | Water Quality |
| Cyanide, Free | Water Quality |
| Lead, Total Recoverable | Water Quality |

It should be noted that the available pollutant loadings shown in column 18 have been reduced by 10%, which is the percent of total capacity reserved for future growth.

Conventional Pollutants

Temperature:

The Department is not aware of any specific circumstances related to this POTW which require a temperature limitation more stringent than general standards and prohibitions contained in ADEM Administrative code 335-6-5-.03(2)(e).

pH:

The Department is not aware of any specific circumstances related to this POTW which require a minimum pH limitation more stringent than general standards and prohibitions contained in ADEM Administrative code 335-6-5-.03(2)(b).

Hydraulic loading:

The hydraulic loading limit is the design capacity of the treatment plant as indicated by the POTW, 0.8 MGD.

Organic loading:

The organic loading limit (CBOD₅) is the design capacity of the treatment plant. This loading was calculated using the design flow of the POTW and an influent CBOD₅ concentration of 167 mg/l.

Total Suspended Solids loading

The Total Suspended Solids (TSS) loading was calculated using the design flow of the POTW and an influent TSS concentration of 200 mg/l.

While ADEM develops local limits and reviews compliance, POTWs are responsible for ensuring proper management of Significant Industrial Users and other sources to meet their NPDES limits and to prevent pass through and interference problems and to ensure compliance with the prohibitions contained in ADEM Administrative Code 335-6-5-.03 for protection of the treatment works, collection system and worker safety. The POTWs' responsibilities include establishing any additional limitations via local ordinances, etc. to protect the POTW and comply with their permit.

Revision Date: (5/16/2019)

Fontaine Trailer has submitted a request to modify their SID permit to allow an increase in wastewater flow from .008 MGD to .016 MGD. The requested permit modification is expected to take effect in June, 2019. To address this change, the local limit spreadsheet was revised to include the anticipated flow increase. The updated flowsheet revealed that as result of this added loading there is currently no additional capacity available for Cadmium.

LOCAL LIMIT/ PASS THROUGH CALCULATIONS

POTW NAME: **Haleyville South WWTP**
 NPDES PERMIT NUMBER: **AL0059455**

DATE PREPARED: **1/3/2019**
 PREPARED BY: **Ed Hughes**

| STREAM DATA AND POTW FLOW DATA | | | | | | |
|-------------------------------------|---|-------|-------------------|----|---------------------------------------|----------|
| RECEIVING STREAM CLASSIFICATION | = | F & W | 0 | | RECEIVING STREAM TIDALLY INFLUENCED = | No |
| POTW DESIGN FLOW | = | | 0.8 MGD | | | |
| FLOW FROM OTHER CONTRIBUTORS | = | | MGD | | | |
| DOMESTIC FLOW | = | | 0.7976 MGD | | | |
| 7Q10 | = | | 0 CFS | OR | | 0.00 MGD |
| 1Q10 | = | | 0.00 CFS | OR | | 0.00 MGD |
| 7Q2 | = | | CFS | OR | | 0.00 MGD |
| ANNUAL AVG FLOW | = | | 0.24 CFS | OR | | 0.16 MGD |
| STREAM HARDNESS (DEFAULT VALUE 100) | = | | 100 MG/L AS CaCO3 | | | |

| ALLOWABLE LOADING TO STREAM BASED ON WATER QUALITY AND HH STANDARDS | | | | | | | | | | |
|---|----------------------------------|----------------------------------|-----------------------------------|--------------------------------|--------------------------------|-----------------------------------|------------------------------|-----------------------------------|---|---------------|
| PARAMETER | 1) CHRONIC TOXICITY (MG/L) | SW CHRONIC TOXICITY (MG/L) | 2) MAX W Q INSTREAM (LBS/D) | 3) ACUTE TOXICITY (MG/L) | SW ACUTE TOXICITY (MG/l) | 4) MAX W Q INSTREAM (LBS/D) | 5) HUMAN HEALTH (MG/L) | 6) MAX W Q INSTREAM (LBS/D) | 7) WQ / HH BASED DISC LEVEL (LBS/D) | PARAMETER |
| ANTIMONY, TOTAL RECOVERABLE | ---- | ---- | ---- | ---- | ---- | ---- | 0.3733333 | 2.491 | 2.491 | ANTIMONY, TR |
| ARSENIC, TRIVALENT | 0.1500 | ---- | 1.744 | 0.3400 | ---- | 3.952 | 0.00030 | 0.002 | 0.002 | ARSENIC, TRI |
| CADMIUM, TOT RECOVERABLE | 0.0002 | ---- | 0.007 | 0.0020 | ---- | 0.057 | ---- | ---- | 0.007 | CADMIUM, TR |
| CHROMIUM, TOT RECOVERABLE | 0.0741 | ---- | 2.355 | 0.5698 | ---- | 18.102 | ---- | ---- | 2.355 | CHROMIUM, TR |
| CHROMIUM, HEXAVALENT | 0.0110 | ---- | 0.073 | 0.0160 | ---- | 0.107 | ---- | ---- | 0.073 | CHROMIUM, HEX |
| COPPER, TOTAL RECOVERABLE | 0.0090 | ---- | 0.154 | 0.0134 | ---- | 0.231 | ---- | ---- | 0.154 | COPPER, TR |
| CYANIDE, FREE | 0.0052 | ---- | 0.035 | 0.0220 | ---- | 0.147 | 9.3333 | 62.27 | 0.035 | CYANIDE, FREE |
| LEAD, TOT RECOVERABLE | 0.0025 | ---- | 0.082 | 0.0646 | ---- | 2.092 | ---- | ---- | 0.082 | LEAD, TR |
| MERCURY, TOT RECOVERABLE | 0.000012 | ---- | 0.000 | 0.0024 | ---- | 0.053 | 0.0000424 | 0.000 | 0.00027 | MERCURY, TR |
| MOLYBDENUM | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | MOLYBDENUM |
| NICKEL, TOT RECOVERABLE | 0.0520 | ---- | 0.687 | 0.4682 | ---- | 6.186 | 0.9929078 | 6.625 | 0.687 | NICKEL, TR |
| SELENIUM, TOTAL RECOVERABLE | 0.0005 | ---- | 0.003 | 0.0020 | ---- | 0.013 | 2.4305556 | 16.217 | 0.003 | SELENIUM, TR |
| SILVER, TOT RECOVERABLE | ---- | ---- | ---- | 0.0032 | ---- | 0.021 | ---- | ---- | 0.021 | SILVER, TR |
| ZINC, TOT RECOVERABLE | 0.1181 | ---- | 2.389 | 0.1172 | ---- | 2.369 | 14.8936170 | 99.37 | 2.369 | ZINC, TR |

| | | Antimony | Arsenic | Cadmium | Chromium, To | Chromium, VI | Copper | Cyanide | Lead | Mercury | Molybdenum | Nickel | |
|----------|------------|----------|---------|---------|--------------|--------------|--------|---------|--------|---------|------------|--------|--|
| DOMESTIC | DATA VALUE | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| | LIT VALUE | 0.0010 | 0.0010 | 0.0030 | 0.0500 | 0.0000 | 0.0600 | 0.0400 | 0.0500 | 0.0000 | 0.0000 | 0.0200 | |
| | | Selenium | Silver | Zinc | | | | | | | | | |
| | DATA VALUE | 0.0000 | 0.0000 | 0.0000 | | | | | | | | | |
| | LIT VALUE | 0.0000 | 0.0100 | 0.1800 | | | | | | | | | |

| | | | | |
|---------------------------------|----|------------|---|-------|
| TYPE OF TREATMENT = | 2 | Act Sludge | SLUDGE DISPOSAL | |
| TREATMENT INCLUDE NITIFICATION? | No | | DOES THE POTW HAVE SECONDARY CLARIFICATION? | Yes |
| | | | AVERAGE TONS OF SLUDGE PER DAY (DRY WEIGHT) | 0.323 |
| | | | IS SLUDGE LAND APPLIED? | Yes |
| GROWTH ALLOCATION | | | | |
| | | | % ALLOCATION RESERVED FOR FUTURE GROWTH = | 10 |

| PARAMETER | 7) MAX WQ INSTREAM (LBS/D) | 8) ALLOCATION FROM BACKGROUND (LBS/D) | 9) ALLOWABLE DISC FROM POTW (LBS/D) | 10) REMOVAL RATE (%) | 11) ALLOWABLE DISCHARGE (WQ / HH) (LBS/D) | 12) INHIBITION TRESHOLD CONC (MG/L) | 13) ALLOWABLE DISCHARGE (INHIBITION) (LBS/D) | 14) ALLOWABLE DISCHARGE (SLUDGE) (LBS/D) | 15) ALLOWABLE DISCHARGE LOCAL LIMIT (LBS/D) | 16) DOMESTIC INFLUENT LOADING (LBS/D) | 17) INDUSTRIAL INFLUENT LOADING (LBS/D) | 18) AVAILABLE CAPACITY FOR GROWTH (LBS/D) | LIMITING FACTOR |
|---------------------------|----------------------------------|--|--|----------------------------|--|--|---|---|--|--|--|--|--------------------|
| ANTIMONY, TOT RECOVERABLE | 2.4909 | 0 | 2.4909 | 0 | 2.4909 | | | | 2.4909 | 0.0067 | 0.0000 | 2.2358 | WATER QUALITY |
| ARSENIC, TRIVALENT | 0.0024 | 0 | 0.0024 | 45 | 0.0044 | 0.100 | 0.6672 | 0.107666667 | 0.0044 | 0.0067 | 0.0000 | -0.0020 | WATER QUALITY |
| CADMIUM, TOT RECOVERABLE | 0.0070 | 0 | 0.0070 | 67 | 0.0211 | 1.000 | 6.6720 | 0.081955224 | 0.0211 | 0.0200 | 0.0014 | -0.0003 | WATER QUALITY |
| CHROMIUM, TOT RECOVERABLE | 2.3547 | 0 | 2.3547 | 82 | 13.0818 | 5.000 | 33.3600 | ----- | 13.0818 | 0.3326 | 0.0342 | 11.4435 | WATER QUALITY |
| CHROMIUM, HEXAVALENT | 0.0734 | 0 | 0.0734 | 83 | 0.4317 | 1.000 | 6.6720 | ----- | 0.4317 | 0.0000 | 0.0000 | 0.3885 | WATER QUALITY |
| COPPER, TOTAL RECOVERABLE | 0.1540 | 0 | 0.1540 | 86 | 1.1000 | 1.000 | 6.6720 | 3.23 | 1.1000 | 0.3991 | 0.0414 | 0.5935 | WATER QUALITY |
| CYANIDE, FREE | 0.0347 | 0 | 0.0347 | 69 | 0.1119 | 0.100 | 0.6672 | ----- | 0.1119 | 0.2661 | 0.0008 | -0.1395 | WATER QUALITY |
| LEAD, TOT RECOVERABLE | 0.0815 | 0 | 0.0815 | 61 | 0.2090 | 1.000 | 6.6720 | 0.88957377 | 0.2090 | 0.3326 | 0.0010 | -0.1121 | WATER QUALITY |
| MERCURY, TOT RECOVERABLE | 0.0003 | 0 | 0.0003 | 60 | 0.0007 | 0.100 | 0.6672 | 0.06137 | 0.0007 | 0.0000 | 0.0000 | 0.0006 | WATER QUALITY |
| MOLYBDENUM | | 0 | | | | | | 0.04845 | 0.0485 | 0.0000 | 0.0000 | ----- | SLUDGE |
| NICKEL, TOT RECOVERABLE | 0.6871 | 0 | 0.6871 | 42 | 1.1847 | 1.000 | 6.6720 | 0.646 | 0.6460 | 0.1330 | 0.0476 | 0.4188 | SLUDGE |
| SELENIUM | 0.0033 | 0 | 0.0033 | 50 | 0.0067 | | | 0.1292 | 0.0067 | 0.0000 | 0.0000 | 0.0060 | WATER QUALITY |
| SILVER, TOT RECOVERABLE | 0.0215 | 0 | 0.0215 | 75 | 0.0858 | 0.250 | 1.6680 | ----- | 0.0858 | 0.0665 | 0.0048 | 0.0131 | WATER QUALITY |
| ZINC, TOT RECOVERABLE | 2.3692 | 0 | 2.3692 | 79 | 11.2818 | 1.000 | 6.6720 | 6.132911392 | 6.1329 | 1.1974 | 0.0296 | 4.4153 | SLUDGE |

Comments

Item 1: Allowable concentration instream based on above noted stream conditions and state standard to protect aquatic life from chronic toxicity.

Item 2: Mass of pollutant allowed instream based on above noted stream conditions and chronic criteria calculated as shown below:

Item 2 = stream 7Q10 x 8.34 x Item 1. If stream segment is tidally influenced, the more stringent of freshwater and saltwater criteria is used.

Item 3: Allowable concentration instream based above noted stream conditions and state standard to protect aquatic life from acute toxicity.

Item 4: Mass of pollutant allowed instream based on above noted stream conditions and acute criteria and calculated as shown below:

Item 4 = stream 1Q10 x 8.34 x Item 3. For LWF streams, Item 4 = stream 7Q2 x 8.34 x Item 3.

If stream segment is tidally influenced, the more stringent of freshwater and saltwater criteria is used.

Item 5: Allowable concentration instream based on above noted stream conditions and state human health standard for a stream with this use classification.

Item 6: Mass of pollutant allowed instream based on above noted stream condition, the human health standard and calculated as shown below:

Item 6 = Annual average stream flow x 8.34 x Item 5 (for carcinogens) and 7Q10 x 8.34 x Item 5 (for non-carcinogens).

Item 7: The most stringent of the requirements calculated in Items 2,4 and 6.

Item 8: Amount allocated to other facilities discharging to this stream segment.

Item 9: Remaining allocation available.

Item 10: Pollutant removal rates based on the treatment process.

Item 11: The calculated allowable discharge into the POTW based on water quality and human health concerns.

Item 12: Concentration of pollutant that could cause inhibition of biological processes utilized at the treatment plant.

Item 13: Allowable discharge into the POTW based on levels to prevent inhibition of biological treatment processes.

Item 14: Allowable discharge into the POTW based on levels to meet EPA 503 standards for land application of sludge, if sludge is land applied.

Item 15: Allowable discharge into the POTW based on the more stringent of Items 11, Item 13 and item 14 requirements. This column contains the Local Limits for this POTW.

Item 16: Domestic influent (lbs/d) based on domestic flow and sampled domestic influent data if available or literature values if not.

Item 17: Industrial influent (lbs/d) based on monthly average permit limits and actual average values for the past 2 to 5 years (depending on availability) for "monitor only" pollutants as shown on SIUs sheet. Values reported as less than detect are not included in average calculation.

Item 18: Available capacity remaining for new sources after subtracting capacity being utilized by industrial sources, domestic sources (including commercial sources and septage disposal) and capacity reserved for future growth.

SIGNIFICANT INDUSTRIAL USERS

| PERMITTEE | AVG FLOW (MGD) | DAILY AVG ANTIMONY (MG/L) | DAILY AVG ARSENIC (MG/L) | DAILY AVG CADMIUM (MG/L) | DAILY AVG CHROMIUM (MG/L) | DAILY AVG HEX CHROM (MG/L) | DAILY AVG COPPER (MG/L) | DAILY AVG CYANIDE (MG/L) | DAILY AVG LEAD (MG/L) | DAILY AVG MERCURY (MG/L) | DAILY AVG Molybdenum (mg/l) | DAILY AVG NICKEL (MG/L) | DAILY AVG SELENIUM (MG/L) | DAILY AVG SILVER (MG/L) | DAILY AVG ZINC (MG/L) |
|-----------------------------------|-------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|-------------------------------|--------------------------------|-----------------------------|--------------------------------|-----------------------------------|-------------------------------|---------------------------------|-------------------------------|-----------------------------|
| Fontaine Trailer Co (IU386700001) | 0.0016 | 0.0000 | 0.0000 | 0.0700 | 1.7100 | 0.0000 | 2.0700 | 0.0400 | 0.0500 | 0.0000 | 0.0000 | 2.3800 | 0.0000 | 0.2400 | 1.4800 |
| MHT Flooring (IU396700198) | 0.0008 | 0.0000 | 0.0000 | 0.0700 | 1.7100 | 0.0000 | 2.0700 | 0.0400 | 0.0500 | 0.0000 | 0.0000 | 2.3800 | 0.0000 | 0.2400 | 1.4800 |
| Total Industrial flow | 0.0024 | | | | | | | | | | | | | | |

Monthly average permit limits are listed in bold print.

Other values are based on a minimum of 24 months of data if available as reported on DMRs (for parameters with testing requirements in permits).

| PERMITTEE | AVG FLOW (MGD) | DAILY AVG ANTIMONY (LBS/D) | DAILY AVG ARSENIC (LBS/D) | DAILY AVG CADMIUM (LBS/D) | DAILY AVG CHROMIUM (LBS/D) | DAILY AVG HEX CHROM (LBS/D) | DAILY AVG COPPER (LBS/D) | DAILY AVG CYANIDE (LBS/D) | DAILY AVG LEAD (LBS/D) | DAILY AVG MERCURY (LBS/D) | DAILY AVG Molybdenum (LBS/D) | DAILY AVG NICKEL (LBS/D) | DAILY AVG SELENIUM (LBS/D) | DAILY AVG SILVER (LBS/D) | DAILY AVG ZINC (LBS/D) |
|-----------------------------------|-------------------|----------------------------------|---------------------------------|---------------------------------|----------------------------------|-----------------------------------|--------------------------------|---------------------------------|------------------------------|---------------------------------|------------------------------------|--------------------------------|----------------------------------|--------------------------------|------------------------------|
| Fontaine Trailer Co (IU386700001) | 0.0016 | 0.0000 | 0.0000 | 0.0009 | 0.0228 | 0.0000 | 0.0276 | 0.0005 | 0.0007 | 0.0000 | 0.0000 | 0.0318 | 0.0000 | 0.0032 | 0.0197 |
| MHT Flooring (IU396700198) | 0.0008 | 0.0000 | 0.0000 | 0.0005 | 0.0114 | 0.0000 | 0.0138 | 0.0003 | 0.0003 | 0.0000 | 0.0000 | 0.0159 | 0.0000 | 0.0016 | 0.0099 |
| | 0.0024 | 0.0000 | 0.0000 | 0.0014 | 0.0342 | 0.0000 | 0.0414 | 0.0008 | 0.0010 | 0.0000 | 0.0000 | 0.0476 | 0.0000 | 0.0048 | 0.0296 |

CURRENT PERMITTED INDUSTRIAL LOADING TO POTW (LBS/DAY)

| PARAMETER | |
|------------|--------|
| ANTIMONY | 0.0000 |
| ARSENIC | 0.0000 |
| CADMIUM | 0.0014 |
| CHROMIUM | 0.0342 |
| HEX CHROM | 0.0000 |
| COPPER | 0.0414 |
| CYANIDE | 0.0008 |
| LEAD | 0.0010 |
| MERCURY | 0.0000 |
| Molybdenum | 0.0000 |
| NICKEL | 0.0476 |
| SELENIUM | 0.0000 |
| SILVER | 0.0048 |
| ZINC | 0.0296 |