



MARCH 17, 2020

Alabama Department of Environmental Management
adem.alabama.gov

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MR WILLIAM R HENDERSON
ASSISTANT GENERAL MANAGER
MONTGOMERY WATER WORKS AND SANITARY SEWER BOARD
POST OFFICE BOX 1631
MONTGOMERY AL 36102

Re: REVISED DRAFT LOCAL LIMITS
MONTGOMERY WATER WORKS AND SANITARY SEWER BOARD
CATOMA CREEK WWTP
NPDES PERMIT NO. AL0027863

Dear Mr. Henderson:

This letter is to notify you that the Alabama Department of Environmental Management (ADEM) has revised the draft local limits document for the Catoma Creek WWTP based on the sampling data that you provided. 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, 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 Scott Jackson by email at scott.jackson@adem.alabama.gov or by phone at (334) 394-4366.

Sincerely,

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

Attachments: Draft Local Limits
Rationale for Local Limits
Local Limits/Pass Through Calculations
List of Significant Industrial Users

CC: Birmingham Hide and Tallow
Coca Cola Bottling Company



Flowers Bakery
Hager Companies
Hantal Alabama Corp
Hyundai Motor
Koch Foods
Koch Farms
West Rock
Sandra Lee
Scott Jackson

LOCAL LIMITS

PUBLICLY OWNED TREATMENT WORKS: MONTGOMERY CATOMA CREEK WWTP

LOCATION: MONTGOMERY, ALABAMA
MONTGOMERY COUNTY

PERMIT NUMBER: AL0027863

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	20.92
Cadmium, Total Recoverable	15.51
Chromium, Total Recoverable	1460
Copper, Total Recoverable	142.6
Cyanide, Free	29.19
Lead, Total Recoverable	130.2
Mercury, Total Recoverable	2.354
Nickel, Total Recoverable	17.15
Silver, Total Recoverable	15.67
Zinc, Total Recoverable	291.9

HYDRAULIC LOADING:

The hydraulic loading on an average basis is the design capacity of the treatment plant which is 35.0 million gallons per day.

ORGANIC LOADING:

The organic loading (CBOD₅) is the design capacity of the treatment plant which is 48,747 pounds per day.

SOLIDS LOADING

The Total Suspended Solids loading (TSS) is the design capacity of the treatment plant which is 58,380 pounds per day.

EFFECTIVE DATE:

ISSUANCE DATE:

DRAFT

Alabama Department of Environmental Management

Rationale for Local Limits

Montgomery Catoma Creek WWTP (AL0027863)
35.0 MGD Extended aeration facility
Montgomery/ Montgomery County

Reissuance
Prepared Date: 12/18/2018
Prepared By: Ed Hughes
Revised Date: 3/13/2020

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 4345 cfs, 1Q10 of 3258.75 cfs, an annual average flow of 23,966 cfs and a stream hardness of 44 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.

Montgomery has three municipal wastewater treatment plants, Prattville has two and Millbrook has one that discharge directly or indirectly to the Alabama River near Montgomery. Also discharging to the river are Sabic Plastics in Burkville and International Paper in Prattville. Of these facilities the only one that discharges near the Catoma Creek WWTP outfall is International Paper. The paper mill's NPDES permit application indicates that their discharge does not contain any of the pollutants of concern at detectable levels other than Zinc and this pollutant is discharged at relatively low levels. Because local limit requirements for Zinc are based on inhibition concerns which in this case are much more restrictive than limits based on the protection of water quality, the mill discharge has been determined to not significantly impact the development of local limits for the Catoma Creek WWTP.

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. The facility's NPDES permit application reports that 15 tons per day of biosolids are generated based on an average influent flow of 15.5 MGD. This equates to 33.9 tons per day based on the design flow of 35 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.

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 is the design capacity of the treatment plant as indicated by the POTW, 35.0 MGD.

Organic loading:

The organic loading (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 (3/13/2020):

The water system collected data to determine the pollutant levels in the influent and effluent at the Catoma Creek WWTP. In addition, the water system collected samples from the sanitary sewer at three locations that included both residential and commercial sources. From the influent/effluent testing results, site-specific removal rates were calculated. (Note: The default removal rate for Cyanide was used due to lack of site-specific information). Sampling results from the sanitary sewer were used to calculate the domestic loading to the POTW. The local limits spreadsheet was revised to include this updated information and results indicate none of the pollutants of concern are currently over-allocated.

LOCAL LIMIT/ PASS THROUGH CALCULATIONS

POTW NAME: Montgomery Catoma Creek WWTP
 NPDES PERMIT NUMBER: AL0027863

DATE PREPARED: 3/13/2020
 PREPARED BY: Ed Hughes

STREAM DATA AND POTW FLOW DATA					
RECEIVING STREAM CLASSIFICATION	=	F & W	0	RECEIVING STREAM TIDALLY INFLUENCED =	No
POTW DESIGN FLOW	=		35 MGD		
FLOW FROM OTHER CONTRIBUTORS	=		MGD		
DOMESTIC FLOW	=		28.41106 MGD		
7Q10	=		4345 CFS	OR	2806.87 MGD
1Q10	=		3259.00 CFS	OR	2105.31 MGD
7Q2	=		CFS	OR	0.00 MGD
ANNUAL AVG FLOW	=		23966 CFS	OR	15482.04 MGD
STREAM HARDNESS (DEFAULT VALUE 100)	=		44 MGL AS CaCO3		

ALLOWABLE LOADING TO STREAM BASED ON WATER QUALITY AND HH STANDARDS										
PARAMETER	1) CHRONIC	SW CHRONIC	2) MAX W Q	3) ACUTE	SW ACUTE	4) MAX W Q	5) HUMAN	6) MAX W Q	7) WQ / HH	PARAMETER
	TOXICITY	TOXICITY	INSTREAM	TOXICITY	TOXICITY	INSTREAM	HEALTH	INSTREAM	BASED DISC	
	(MG/L)	(MG/L)	(LBS/D)	(MG/L)	(MG/L)	(LBS/D)	(MG/L)	(LBS/D)	LEVEL (LBS/D)	
ANTIMONY, TOTAL RECOVERABLE	----	----	----	----	----	----	0.3733333	8848.446	8848.446	ANTIMONY, TR
ARSENIC, TRIVALENT	0.1500	----	6193.692	0.3400	----	10573.300	0.00030	39.216	39.216	ARSENIC, TRI
CADMIUM, TOT RECOVERABLE	0.0001	----	13.955	0.0009	----	68.515	----	----	13.955	CADMIUM, TR
CHROMIUM, TOT RECOVERABLE	0.0378	----	4270.13906	0.2909	----	24723.309	----	----	4270.139	CHROMIUM, TR
CHROMIUM, HEXAVALENT	0.0110	----	260.713	0.0160	----	285.604	----	----	260.713	CHROMIUM, HEX
COPPER, TOTAL RECOVERABLE	0.0044	----	271.251	0.0062	----	284.692	----	----	271.251	COPPER, TR
CYANIDE, FREE	0.0052	----	123.246	0.0220	----	392.705	9.3333	221211.16	123.246	CYANIDE, FREE
LEAD, TOT RECOVERABLE	0.0010	----	117.221	0.0261	----	2265.493	----	----	117.221	LEAD, TR
MERCURY, TOT RECOVERABLE	0.000012	----	0.94177	0.0024	----	141.856	0.0000424	1.006	0.94177	MERCURY, TR
MOLYBDENUM	----	----	----	----	----	----	----	----	----	MOLYBDENUM
NICKEL, TOT RECOVERABLE	0.0260	----	1218.703	0.2338	----	8263.761	0.9929078	23533.102	1218.703	NICKEL, TR
SELENIUM, TOTAL RECOVERABLE	0.0005	----	11.851	0.0020	----	35.700	2.4305556	57607.073	11.851	SELENIUM, TR
SILVER, TOT RECOVERABLE	----	----	----	0.0008	----	13.989	----	----	13.989	SILVER, TR
ZINC, TOT RECOVERABLE	0.0589	----	4232.013	0.0584	----	3161.420	14.8936170	352996.53	3161.420	ZINC, TR

DOMESTIC	DATA VALUE	Antimony	Arsenic	Cadmium	Chromium, To	Chromium, VI	Copper	Cyanide	Lead	Mercury	Molybdenum	Nickel	
	LIT VALUE	0.0010	0.0099	0.0008	0.0015	0.0000	0.0321	0.0400	0.0068	0.0001	0.0028	0.0031	
		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	0.0014	0.1673									
	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)	13.95
			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	8848.4464	0	8848.4464	10	9831.6071				8848.4464	0.2369	0.0000	7963.3685	WATER QUALITY
ARSENIC, TRIVALENT	39.2158	0	39.2158	10	43.5731	0.100	29.1900	20.925	20.9250	2.3410	0.0372	16.6921	SLUDGE
CADMIUM, TOT RECOVERABLE	13.9550	0	13.9550	10	15.5055	1.000	291.9000	23.715	15.5055	0.1848	0.7674	13.0980	WATER QUALITY
CHROMIUM, TOT RECOVERABLE	4270.1391	0	4270.1391	28	5959.4248	5.000	1459.5000	---	1459.5000	0.3578	11.4919	1302.6853	INHIBITION
CHROMIUM, HEXAVALENT	260.7132	0	260.7132	0	260.7132	1.000	291.9000	---	260.7132	0.0000	0.1460	234.5105	WATER QUALITY
COPPER, TOTAL RECOVERABLE	271.2507	0	271.2507	84	1708.5998	1.000	291.9000	142.6102529	142.6103	7.6131	14.0045	108.6934	SLUDGE
CYANIDE, FREE	123.2462	0	123.2462	69	397.5684	0.100	29.1900	---	29.1900	9.4779	4.3476	13.8280	INHIBITION
LEAD, TOT RECOVERABLE	117.2206	0	117.2206	10	130.2451	1.000	291.9000	234.36	130.2451	1.6184	2.9027	113.1516	WATER QUALITY
MERCURY, TOT RECOVERABLE	0.9418	0	0.9418	60	2.3544	0.100	29.1900	2.6505	2.3544	0.0209	0.0000	2.1002	WATER QUALITY
MOLYBDENUM		0						2.0925	2.0925	0.6682	0.0135	---	SLUDGE
NICKEL, TOT RECOVERABLE	1218.7028	0	1218.7028	68	3648.5351	1.000	291.9000	17.14829268	17.1483	0.7440	6.8807	8.5712	SLUDGE
SELENIUM	11.8506	0	11.8506	50	23.7012			5.58	5.5800	0.0000	0.0155	5.0080	SLUDGE
SILVER, TOT RECOVERABLE	13.9894	0	13.9894	11	15.6682	0.250	72.9750	---	15.6682	0.3234	1.6177	12.3544	WATER QUALITY
ZINC, TOT RECOVERABLE	3161.4203	0	3161.4203	63	8555.2953	1.000	291.9000	331.8941457	291.9000	39.6414	10.3390	217.7276	INHIBITION

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)
Coca Cola (IU375100089)	3.3460	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Flowers Bakery IU375100115)	0.0063	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hager Companies (IU375100071)	0.1750	0.0000	0.0000	0.2600	1.7100	0.1000	2.0700	0.6500	0.4300	0.0000	0.0000	1.0000	0.0000	0.2400	1.4800
Hyundai Motor (IU375100326) S01	0.6270	0.0000	0.0000	0.0700	1.7100	0.0000	2.0700	0.6500	0.4300	0.0000	0.0000	1.0000	0.0000	0.2400	1.4800
Hyundai Motor (IU375100326) S02	0.1750	0.0000	0.0000	0.0036	0.0000	0.0000	0.0085	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hyundai Motor (IU375100326) S04	0.0444	0.0000	0.0000	0.0040	0.0000	0.0000	0.0044	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Koch Foods (IU375100107)	1.7265	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
West Rock (IU375100145)	0.3400	0.0000	0.0000	0.0010	0.0100	0.0000	0.0190	0.0000	0.0050	0.0000	0.0000	0.0500	0.0000	0.0000	0.0500
Mobis Alabama	0.1487	0.0000	0.0300	0.0100	0.0209	0.0000	0.0734	0.0000	0.0100	0.0000	0.0109	0.0405	0.0125	0.0100	0.2403
Total Industrial flow	6.5889														

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)
Coca Cola (IU375100089)	3.346	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Flowers Bakery (IU375100115)	0.00634	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hager Companies (IU375100071)	0.175	0.0000	0.0000	0.3795	2.4957	0.1460	3.0212	0.9487	0.6276	0.0000	0.0000	1.4595	0.0000	0.3503	2.1601
Hyundai Motor (IU375100326) S01	0.627	0.0000	0.0000	0.3660	8.9419	0.0000	10.8244	3.3990	2.2485	0.0000	0.0000	5.2292	0.0000	1.2550	7.7392
Hyundai Motor (IU375100326) S02	0.175	0.0000	0.0000	0.0052	0.0000	0.0000	0.0124	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hyundai Motor (IU375100326) S04	0.0444	0.0000	0.0000	0.0015	0.0000	0.0000	0.0016	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Koch Foods (IU375100107)	1.7265	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
West Rock (IU375100145)	0.34	0.0000	0.0000	0.0028	0.0284	0.0000	0.0539	0.0000	0.0142	0.0000	0.0000	0.1418	0.0000	0.0000	0.1418
Mobis Alabama	0.1487	0.0000	0.0372	0.0124	0.0259	0.0000	0.0910	0.0000	0.0124	0.0000	0.0135	0.0502	0.0155	0.0124	0.2980
	6.5889	0.0000	0.0372	0.7674	11.4919	0.1460	14.0045	4.3476	2.9027	0.0000	0.0135	6.8807	0.0155	1.6177	10.3390

CURRENT PERMITTED INDUSTRIAL LOADING TO POTW (LBS/DAY)

PARAMETER	
ANTIMONY	0.0000
ARSENIC	0.0372
CADMIUM	0.7674
CHROMIUM	11.4919
HEX CHROM	0.1460
COPPER	14.0045
CYANIDE	4.3476
LEAD	2.9027
MERCURY	0.0000
Molybdenum	0.0135
NICKEL	6.8807
SELENIUM	0.0155
SILVER	1.6177
ZINC	10.3390