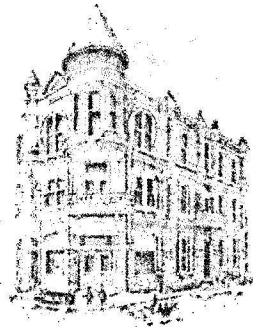


**Van Buren Municipal Utilities  
2806 BRYAN RD  
P.O. DRAWER 1269  
VAN BUREN, AR 72957  
479-474-5067 Fax: 479-471-8969**



June 28, 2011

**Mr. Rufus Torrence, ADEQ Engineer  
Arkansas Dept. of Environmental Quality  
5301 Northshore Drive  
Little Rock, Arkansas 72118-5317**

**Re: City of Van Buren TBLL/MAHL Development  
NPDES Permit NO. AR0021482  
NPDES Permit NO. AFIN 17-00062**

**Dear Mr. Torrence:**

**In Reference to your letter dated June 9, 2011, Please find enclosed the City of Van Buren development of MAHL for conventional Pollutants and Metals for the South Wastewater Plant, the North Wastewater Plant and Lee Creek Plant. It is our understanding we will recalculate the TBLL/MAHL annually and submit to ADEQ with our annual Pretreatment Report in October of each year.**

**If you have any questions please feel free to contact, Larry Weir, PE. or myself.**

**Respectfully,**

**Gary Smith, Director of Utilities**

**CC Kim Redo, Environmental Coordinator  
Steve Dufresne, Operation Supt.  
Darel Manus, Operation Supt.  
File**

*C. Larry Weir, Professional Engineer*

**Licensed in Arkansas, Oklahoma, Georgia and Missouri**

---

**June 22, 2011**

**Mr. Gary Smith  
Director of Utilities  
Van Buren Municipal Utilities  
P.O. Box 1269  
Van Buren, AR 72957**

**Re: City of Van Buren TBLL/MAHL Development  
Permit No. AR0021482  
Permit No. AR0040967  
Permit No. AR0037567**

**Dear Mr. Smith:**

**This is pursuant to a letter dated June 9, 2011, from Rufus Torrence, ADEQ Engineer, Arkansas Department of Environmental Quality.**

**It is our understanding from that letter that the information previously submitted is determined to be adequate and but incomplete in that conventional pollutants (BOD5 and TSS) must be included in the TBLL/MAHL evaluation charts. These have been computed and are included with the attached charts pertinent for the three permitted plants referenced above.**

**As suggested in Mr. Torrence's letter in his second paragraph we have included numbers for NH3-N and Total Phosphorus for AR0021482 and for NH3-N for AR0040967.**

**The development of data for AR0037567 seems to be of little consequence due to the size of the plant, the limited contributions, and the minimal monitoring data available. However, I have attempted to develop a chart for the plant with the available information.**

**The development of headworks data for total phosphorus for AR0021482 is limited by available data. Currently the plant is required to monitor and report total phosphorus but no information is available for the background concentrations. We will refine the total phosphorus monitoring information for future calculations.**

**We have also requested additional monitoring of background data for NH3-N for AR0040967 to better evaluate seasonal changes for the limits established for that plant.**

**As required by Mr. Torrence's letter, the attached charts amend the data for the Main (South) Plant, the North Plant, and we have included the Van Buren/Lee Creek Industrial Park Plant. The methodology is included in the Notes previously prepared for your use but not included in previous submittals to ADEQ. For Mr. Torrence's use, a copy of the EXCEL spreadsheet is also attached with this letter and it is suggested that it is transmitted to him for his use should he wish to review the imbedded formulae.**

**The computation of maximum allowable headworks loading is based on water quality limits, inhibition of treatment, and quality of biosolids. Water quality numbers were provided by ADEQ ( additionally, we have assumed that the water quality data for the Main Plant for metals to be adequate for the Lee Creek Plant); inhibition limits are taken from USEPA Guidance Manual 833B87202; and Sludge ceiling concentrations are derived from 40 CFR Part 503.**

**Removal percentages used for the generation of the MAHL/TBLL charts were derived from those published for activated sludge treatment in USEPA Guidance Manual 833B87202 or as consistently demonstrated by the treatment plant's performance.**

**As a point of clarification, we have revised some of the input information to include inhibition threshold limits pertinent for nitrification.**

**Please review the information included with this letter and, if you concur, it is suggested that you forward it along a copy of the attached electronic file by e-mail to Mr. Torrence prior to his stated deadline of June 30.**

**Let me know if you have any questions or comments. I am forwarding a copy of this letter to Kim Redo and to Daral Manus.**

**Sincerely,**

**C. Larry Weir, P.E.  
1714 Bunker Hill Drive  
Van Buren, AR 72956  
[c.l.weir@sbcglobal.net](mailto:c.l.weir@sbcglobal.net)**

## CITY OF VAN BUREN CALCULATIONS OF HEADWORKS LOADINGS

### Notes pertaining to Spread Sheet Calculations

1. Variables for this plant are the entries in RED. Evaluated the flows, sludge production, domestic contribution, and the percent removal no less frequently than once per year.
2. The domestic loading is equal to (AVERAGE DOMESTIC FLOW IN MGD) x (AVERAGE DOMESTIC CONCENTRATION OF THE PARAMETER IN MG/L) x (8.34)
3. The allowable mass loading in pounds per day based on limitations for water quality considerations is equal to (ALLOWABLE CONCENTRATION IN MG/L BASED ON THE ALLOWABLE WATER QUALITY CRITERIA) x (8.34) x (AVERAGE FLOW IN MGD) divided by (1 - % REMOVAL BY THE PLANT PROCESS)
4. An inhibition concentration criterion is based on page 3-44 of EPA publication 833B87202 ([USEPA Guidance Manual on the Development and Implementation of Local Discharge Limits under the Pretreatment Program](#)). Beryllium is estimated at 0.10 mg/l
5. The allowable mass loading in pounds per day based on criteria for sludge is equal to ((DRY TONS OF SLUDGE PRODUCED PER DAY) x (0.002) x (CONCENTRATION CRITERIA FOR SLUDGE IN MG/KG)) divided by (% REMOVAL)
6. The allowable mass loading in pound per day based on criteria for process inhibition is equal to (THE INHIBITION CONCENTRATION CRITERIA IN MG/L) x (AVERAGE DAILY FLOW IN MGD) x (8.34)
7. The Maximum Allowable Headworks Loading (MAHL) in pounds per day is the maximum allowable calculated using the minimum criteria for water quality, for sludge contamination, or for inhibition of the process.
8. The Maximum Allowable Headworks Concentration (MAHC) is equal to (MAHL in pounds per day) divided by (8.34) x (the average daily flow in MGD).
9. The allowable allocation for the assumed safety factor in pounds per day equals (1-%Safety Factor) x (MAHL in pounds per day)
10. The Maximum Allowable Industrial Loading in pounds per day equals the allocation for the available safety factor minus the domestic

**CITY OF VAN BUREN  
 CALCULATIONS OF HEADWORKS LOADINGS  
 MAIN (SOUTH) PLANT  
 NPDES NUMBER AR0021482**

<b>CALCULATION ENTRY DATE =</b>		27-Jun-11		
<b>AVERAGE FLOW (Q) =</b>		2.47	MGD	
<b>SIUs AVERAGE FLOW =</b>		0.745	MGD	
<b>DOMESTIC FLOW =</b>		1.725	MGD	
<b>DESIGN FLOW =</b>		4	MGD	
<b>SLUDGE PRODUCED PER DAY =</b>		4.61	DRY TONS	
<b>SAFETY FACTOR =</b>		25%		
	[1]	[2]	[3]	[4]
<b>PARAMETER</b>	<b>AQUATIC LIFE AML, UG/L (source ADEQ)</b>	<b>Typical Domestic Conc EPA, P3-59, MG/L</b>	<b>Domestic Conc Reported, MG/L</b>	<b>DOMESTIC LOADING LB/DA</b>
BOD5	30000		265	3812
CBOD5	25000		260	3740
TSS	30000		133	1913
NH3-N	5000		17	245
Phosphorus, total	1000		No Background Tests	
CADMIUM, TOTAL	126.52	0.0030	0.0006	0.00820
CHROMIUM, (HEX)	108.22			
COPPER, TOTAL	431.63	0.0607	0.0145	0.20860
LEAD, TOTAL	587.66	0.0490	0.0030	0.04316
MERCURY, TOTAL	0.39	0.0003	0.0000	0.00040
NICKEL, TOTAL	15071.86	0.0210	0.0055	0.07913
SELENIUM, TOTAL	137.76		0.0050	0.07193
SILVER, TOTAL	112.58	0.0050	0.0027	0.03856
ZINC, TOTAL	3461.17	0.1750	0.1500	2.15798
CHROMIUM, (TRI)				
CHROMIUM, TOTAL	22680.2	0.0500	0.0100	0.14387
CYANIDE, TOTAL	154.01	0.0410	0.0100	0.14387
ARSENIC	4807.76	0.0030	0.0005	0.00748
MOLYBDENUM				
BERYLLIUM	173.41		0.0003	0.00432

*Instructions: Enter values in the shaded boxes based on annual average conditions and analyses for available information. Reported values for influent contribution is in mg/l. Sludge values are in mg/kg. If in question use conservative values*

CITY OF VAN BUREN  
 CALCULATIONS OF HEADWORKS LOADINGS  
 MAIN (SOUTH) PLANT  
 NPDES NUMBER AR0021482

	[5]	[6]	[7]	[8]	[9]	[10]
PARAMETER	% REMOVAL	WATER QUALITY, MG/L	WATER QUALITY, PPD	SLUDGE, MG/KG (Ceiling Concentrations)	SLUDGE, PPD	INHIBITION, MG/L
BOD5	90	30	6180			
CBOD5	90	25	5150			
TSS	90	30	6180			
NH3-N	72	5	367.9			
Phosphorus, total		1	20.6			
CADMIUM, TOTAL	67	0.12652	7.9	85	1.1697	1.0000
CHROMIUM, (HEX)		0.10822	2.2			
COPPER, TOTAL	87	0.43163	68.4	4300	45.5701	0.4800
LEAD, TOTAL	77	0.58766	52.6	840	10.0582	0.5000
MERCURY, TOTAL	60	0.00039	0.0201	57	0.8759	0.1000
NICKEL, TOTAL	44	15.07186	554.4	420	8.8009	1.0000
SELENIUM, TOTAL		0.13776	2.8	100		0.2000
SILVER, TOTAL	81	0.11258	12.2	0		0.2500
ZINC, TOTAL	78	3.46117	324.1	7500	88.6538	0.5000
CHROMIUM, (TRI)						
CHROMIUM, TOTAL	82	22.6802	2595.6	3000	33.7317	1.0000
CYANIDE, TOTAL		0.15401	3.2			0.2300
ARSENIC		4.80776	99.0	75		0.1000
MOLYBDENUM	50			75	1.3830	0.2000
BERYLLIUM	50	0.17341	7.1			0.1000

**CITY OF VAN BUREN  
 CALCULATIONS OF HEADWORKS LOADINGS  
 MAIN (SOUTH) PLANT  
 NPDES NUMBER AR0021482**

	[11]	[12]	[13]	[14]	[15]	[16]
PARAMETER	INHIBITION, PPD	MAHL, PPD	MAHC, MG/L	DOMESTIC LOADING LB/DA	ALLOCATION FOR SF, PPD	MAIL, PPD
BOD5		6180	300.0	3812	4635	823
CBOD5		5150	250.0	3740	3862	122
TSS		6180	300.0	1913	4635	2722
NH3-N		368	17.9	245	276	31
Phosphorus, total		20.5998	1.00000	0.0000	15.4499	15.4499
CADMIUM, TOTAL	20.5998	1.1697	0.05678	0.0082	0.8773	0.8691
CHROMIUM, (HEX)						
COPPER, TOTAL	9.8879	9.8879	0.48000	0.2086	7.4159	7.2073
LEAD, TOTAL	10.2999	10.0582	0.48827	0.0432	7.5436	7.5005
MERCURY, TOTAL	2.0600	0.0201	0.00098	0.0004	0.0151	0.0147
NICKEL, TOTAL	20.5998	8.8009	0.42723	0.0791	6.6007	6.5216
SELENIUM, TOTAL	4.1200			0.0719		
SILVER, TOTAL	5.1500	5.1500	0.25000	0.0386	3.8625	3.8239
ZINC, TOTAL	10.2999	10.2999	0.50000	2.1580	7.7249	5.5670
CHROMIUM, (TRI)						0.0000
CHROMIUM, TOTAL	20.5998	20.5998	1.00000	0.1439	15.4499	15.3060
CYANIDE, TOTAL	4.7380			0.1439		
ARSENIC	2.0600			0.0075		
MOLYBDENUM	4.1200	1.3830	0.06714		1.0373	1.0373
BERYLLIUM	2.0600	2.0600	0.10000		1.5450	1.5450



CITY OF VAN BUREN  
 CALCULATIONS OF HEADWORKS LOADINGS  
 NORTH PLANT  
 NPDES NUMBER AR0040967

<b>CALCULATION ENTRY DATE =</b>	<b>27-Jun-11</b>	
<b>AVERAGE FLOW (Q) =</b>	<b>1.199</b>	<b>MGD</b>
<b>SIUs AVERAGE FLOW =</b>	<b>0.008</b>	<b>MGD</b>
<b>DOMESTIC FLOW =</b>	<b>1.191</b>	<b>MGD</b>
<b>DESIGN FLOW =</b>	<b>2</b>	<b>MGD</b>
<b>SLUDGE PRODUCED PER DAY =</b>	<b>1.008</b>	<b>DRY TONS</b>
<b>SAFETY FACTOR =</b>	<b>10%</b>	

*Instructions: Enter values in the shaded boxes based on annual average conditions and analyses for available information. Reported values for influent contribution is in mg/l. Sludge values are in mg/kg. If in question use conservative values.*

	[1]	[2]	[3]	[4]
PARAMETER	AQUATIC LIFE AML, UG/L (source ADEQ)	Typical Domestic Conc EPA, P3-59, MG/L	Domestic Conc Reported, MG/L	DOMESTIC LOADING LB/DA
CBOD (May - Oct)	10000		198	1966
CBOD (Nov-Apr)	20000		120	1191
Total Suspended Solids (May-Oct)	15000		150	1489
Total Suspended Solids (Nov-Apr)	20000		144	1430
NH3-N (April)	2200	17.0		169
NH3-N (May-Oct)	2000	17.0		169
NH3-N (Nov-Mar)	4000	17.0		169
CADMIUM, TOTAL	1.84	0.0030	0.0005	0.00496
CHROMIUM, (HEX)	11.81			
COPPER, TOTAL	9.24	0.0607	0.0120	0.11915
LEAD, TOTAL	2.71	0.0490	0.0011	0.01092
MERCURY, TOTAL	0.0134	0.0003	0.0000	0.00008
NICKEL, TOTAL	96.96	0.0210	0.0036	0.03574
SELENIUM, TOTAL	5.58		0.0050	0.04965
SILVER, TOTAL	0.93	0.0050	0.0005	0.00496
ZINC, TOTAL	85.53	0.1750	0.0780	0.77447
CHROMIUM, (TRI)	295.43			
CHROMIUM, TOTAL		0.0500	0.0100	0.09929
CYANIDE, TOTAL	5.8	0.0410	0.0100	0.09929
ARSENIC	348.96	0.0030	0.0005	0.00496
MOLYBDENUM				
BERYLLIUM	5.91			

**CITY OF VAN BUREN  
CALCULATIONS OF HEADWORKS LOADINGS  
NORTH PLANT  
NPDES NUMBER AR0040967**

	[5]	[6]	[7]	[8]	[9]	[10]
PARAMETER	% REMOVAL	WATER QUALITY, MG/L	WATER QUALITY, PPD	SLUDGE, MG/KG, (Ceiling Concentrations)	SLUDGE, PPD	INHIBITION, MG/L
CBOD (May - Oct)	95	10	2000			
CBOD (Nov-Apr)	95	20	4000			
Total Suspended Solids (May-Oct)	95	15	3000			
Total Suspended Solids (Nov-Apr)	95	20	4000			
NH3-N (April)	72	2.2	79			
NH3-N (May-Oct)	72	2	71			
NH3-N (Nov-Mar)	40	4	67			
CADMIUM, TOTAL	67	0.00184	0.0558	85	0.2558	1.0000
CHROMIUM, (HEX)		0.01181	0.1181			
COPPER, TOTAL	86	0.00924	0.6600	4300	10.0820	0.4800
LEAD, TOTAL	54	0.00271	0.0589	840	3.1366	0.5000
MERCURY, TOTAL	78	0.0000134	0.0006	57	0.1474	0.1000
NICKEL, TOTAL	11	0.09696	1.0894	420	7.6990	1.0000
SELENIUM, TOTAL		0.00558	0.0558	100		0.2000
SILVER, TOTAL	75	0.00093	0.0372	0		0.2500
ZINC, TOTAL	79	0.08553	4.0727	7500	19.1430	0.5000
CHROMIUM, (TRI)						
CHROMIUM, TOTAL	82	0.2954	16.4106	3000	7.3771	1.0000
CYANIDE, TOTAL		0.0058	0.0580			0.2300
ARSENIC		0.34896	3.4895	75		0.1000
MOLYBDENUM	50			75	0.3025	0.2000
BERYLLIUM	50	0.00591	0.1182			0.1000

**CITY OF VAN BUREN  
CALCULATIONS OF HEADWORKS LOADINGS  
NORTH PLANT  
NPDES NUMBER AR0040967**

	[11]	[12]	[13]	[14]	[15]	[16]
PARAMETER	INHIBITION, PPD	MAHL, PPD	MAHC, MG/L	DOMESTIC LOADING LB/DA	ALLOCATION FOR SF, PPD	MAIL, PPD
CBOD (May - Oct)		2000	200	1966	1800	-166
CBOD (Nov-Apr)		4000	400	1191	3600	2408
Total Suspended Solids (May-Oct)		3000	300	1489	2700	1211
Total Suspended Solids (Nov-Apr)		4000	400	1430	3600	2170
NH3-N (April)		79	7.85714	169	71	-98
NH3-N (May-Oct)		71	7.14286	169	64	-105
NH3-N (Nov-Mar)		67	6.66667	169	60	-109
CADMIUM, TOTAL	9.9997	0.0558	0.00558	0.0050	0.0502	0.0452
CHROMIUM, (HEX)						
COPPER, TOTAL	4.7998	0.6600	0.06600	0.1191	0.5940	0.4748
LEAD, TOTAL	4.9998	0.0589	0.00589	0.0109	0.0530	0.0421
MERCURY, TOTAL	1.0000	0.0006	0.00006	0.0001	0.0005	0.0005
NICKEL, TOTAL	9.9997	1.0894	0.10894	0.0357	0.9805	0.9447
SELENIUM, TOTAL	1.9999			0.0496		
SILVER, TOTAL	2.4999	0.0372	0.00372	0.0050	0.0335	0.0285
ZINC, TOTAL	4.9998	4.0727	0.40729	0.7745	3.6654	2.8910
CHROMIUM, (TRI)						
CHROMIUM, TOTAL	9.9997	7.3771	0.73773	0.0993	6.6394	6.5401
CYANIDE, TOTAL	2.2999			0.0993		
ARSENIC	1.0000			0.0050		
MOLYBDENUM	1.9999	0.3025	0.03025		0.2722	0.2722
BERYLLIUM	1.0000	0.1182	0.01182		0.1064	0.1064

**CITY OF VAN BUREN  
 CALCULATIONS OF HEADWORKS LOADINGS  
 VAN BUREN LEE CREEK INDUSTRIAL PARK  
 NPDES NUMBER AR0037567**

<b>CALCULATION ENTRY DATE =</b>	<b>27-Jun-11</b>	
<b>AVERAGE FLOW (Q) =</b>	<b>0.0061</b>	<b>MGD</b>
<b>SIUs AVERAGE FLOW =</b>	<b>0</b>	<b>MGD</b>
<b>DOMESTIC FLOW =</b>	<b>0.0061</b>	<b>MGD</b>
<b>DESIGN FLOW =</b>	<b>0.04</b>	<b>MGD</b>
<b>SLUDGE PRODUCED PER DAY =</b>	<b>0.007</b>	<b>DRY TONS</b>
<b>SAFETY FACTOR =</b>	<b>10%</b>	

Avg Q from DMR 06/2010:05/20 11  
 No Industrial Contributors  
 Avg Q from DMR 06/2010:05/20 11  
 Original Design Capacity Estimated

	[1]	[2]	[3]	[4]
PARAMETER	AQUATIC LIFE AML, UG/L (source ADEQ)	Typical Domestic Conc EPA, P3-59, MG/L	Domestic Conc Reported, MG/L	DOMESTIC LOADING LB/DA
BOD	30000		169	8.59771
Total Suspended Solids	30000		159	8.08897
CADMIUM, TOTAL	126.52	0.0030		0.00015
CHROMIUM, (HEX)	108.22			
COPPER, TOTAL	431.63	0.0607		0.00309
LEAD, TOTAL	587.66	0.0490		0.00249
MERCURY, TOTAL	0.39	0.0003		0.00002
NICKEL, TOTAL	15071.86	0.0210		0.00107
SELENIUM, TOTAL	137.76			0.00000
SILVER, TOTAL	112.58	0.0050		0.00025
ZINC, TOTAL	3461.17	0.1750		0.00890
CHROMIUM, (TRI)				
CHROMIUM, TOTAL	22680.2	0.0500		0.00254
CYANIDE, TOTAL	154.01	0.0410		0.00209
ARSENIC	4807.76	0.0030		0.00015
MOLYBDENUM				
BERYLLIUM	173.41			

Domestic Conc from Avg of DMR  
 Domestic Conc from Avg of DMR

Metals Sampling not routinely reported for this treatment plant

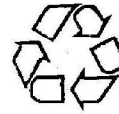
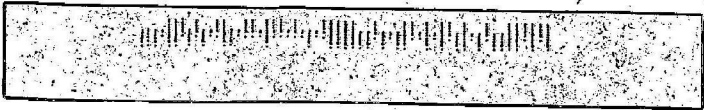
Instructions: Enter values in the shaded boxes based on annual average conditions and analyses for available information. Reported values for influent contribution is in mg/l. Sludge values are in mg/kg. If in question use conservative values.

**CITY OF VAN BUREN  
CALCULATIONS OF HEADWORKS LOADINGS  
VAN BUREN LEE CREEK INDUSTRIAL PARK  
NPDES NUMBER AR0037567**

	[5]	[6]	[7]	[8]	[9]	[10]
PARAMETER	% REMOVAL	WATER QUALITY, MG/L	WATER QUALITY, PPD	SLUDGE, MG/KG, (Ceiling Concentrations)	SLUDGE, PPD	INHIBITION, MG/L
BOD	85	30	10.1748			
Total Suspended Solids	85	30	10.1748			
CADMIUM, TOTAL	67	0.12652	0.0195	85	0.0018	1.0000
CHROMIUM, (HEX)		0.10822	0.0055			
COPPER, TOTAL	86	0.43163	0.1568	4300	0.0700	1.0000
LEAD, TOTAL	54	0.58766	0.0650	840	0.0218	1.0000
MERCURY, TOTAL	78	0.00039	0.0001	57	0.0010	0.1000
NICKEL, TOTAL	11	15.07186	0.8615	420	0.0535	1.0000
SELENIUM, TOTAL		0.13776	0.0070	100		0.2000
SILVER, TOTAL	75	0.11258	0.0229	0		0.2500
ZINC, TOTAL	79	3.46117	0.8385	7500	0.1329	4.5000
CHROMIUM, (TRI)						
CHROMIUM, TOTAL	82	0.2954	0.0835	3000	0.0512	1.0000
CYANIDE, TOTAL		0.15401	0.0078			0.2300
ARSENIC		4.80776	0.2446	75		0.1000
MOLYBDENUM	50			75	0.0021	0.2000
BERYLLIUM	50	0.17341	0.0176			0.1000

**CITY OF VAN BUREN  
CALCULATIONS OF HEADWORKS LOADINGS  
VAN BUREN LEE CREEK INDUSTRIAL PARK  
NPDES NUMBER AR0037567**

	[11]	[12]	[13]	[14]	[15]	[16]
PARAMETER	INHIBITION, PPD	MAHL, PPD	MAHC, MG/L	DOMESTIC LOADING LB/DA	ALLOCATION FOR SF, PPD	MAIL, PPD
BOD		10	200	8.5977	9.1573	0.5596
Total Suspended Solids		10	200	8.0890	9.1573	1.0684
CADMIUM, TOTAL	0.0509	0.0018	0.03491	0.0002	0.0016	0.0014
CHROMIUM, (HEX)						
COPPER, TOTAL	0.0509	0.0509	1.00000	0.0031	0.0458	0.0427
LEAD, TOTAL	0.0509	0.0218	0.42807	0.0025	0.0196	0.0171
MERCURY, TOTAL	0.0051	0.0001	0.00177	0.0000	0.0001	0.0001
NICKEL, TOTAL	0.0509	0.0509	1.00000	0.0011	0.0458	0.0447
SELENIUM, TOTAL	0.0102			0.0000		
SILVER, TOTAL	0.0127	0.0127	0.25000	0.0003	0.0114	0.0112
ZINC, TOTAL	0.2289	0.1329	2.61256	0.0089	0.1196	0.1107
CHROMIUM, (TRI)						
CHROMIUM, TOTAL	0.0509	0.0509	1.00000	0.0025	0.0458	0.0432
CYANIDE, TOTAL	0.0117			0.0021		
ARSENIC	0.0051			0.0002		
MOLYBDENUM	0.0102	0.0021	0.04128		0.0019	0.0019
BERYLLIUM	0.0051	0.0051	0.10000		0.0046	0.0046



Recycle

First Class Mail  
ComBasPrice



02 1P  
0003069898

\$ 001.90<sup>0</sup>

JUN 28 2011  
MAILED FROM ZIP CODE 72956

**VAN BUREN MUNICIPAL UTILITIES**

*Providing Water, Sewer and Solid Waste Services*

2806 Bryan Road

P.O. DRAWER 1269

VAN BUREN, ARKANSAS 72957

Mr. Rufus Torrence, ADEQ Engineer  
Arkansas Dept. of Environmental Quality  
5301 Northshore Drive  
Little Rock, Arkansas 72118-5317