NORTH LITTLE ROCK WASTE WATER UTILITY

May 6, 2008 Cert. No. 7006 0100 0003 3856 6423

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MAY 9 2008
NH

Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72218-5317
ATTN: Allen Gilliam

RE: AR0020303 – Faulkner Lake
AFIN # 60-000274

Adequate, no comments necessary ~~AB~~
Good for All 3 NPDES permits

Dear Mr. Gilliam:

As required by Part III (b) of the above mentioned permit, we have performed a technical evaluation demonstrating that the existing technically based maximum headworks loadings (MAHL) are based on current state water quality standards. The last two years data was used for the evaluation and compared to water quality standard numbers and CFR 503 Sludge Regulations.

We are certifying that the MAHL's currently in the Pretreatment Program are based on current water quality standards and are adequate to prevent pass through of pollutants, inhibition of or interference with the treatment facility and local limits are not necessary at this time.

If there are any questions, contact Ric Roll or Ed Toland at (501) 945-7186.

NORTH LITTLE ROCK WASTE WATER UTILITY

Gary Mills
Director

NPDES PERMIT FILE
NPDES # AR0020303
AFIN # 60-000274
Permit PN
✓ Correspondence Pret. Rpt
Technical Backup
5/29/08 Date Scanned

7400 BAUCUM PIKE
P.O. BOX 17898
NORTH LITTLE ROCK, AR 72117-0898

PHONE (501) 945-7186
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MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: January 1, 2006 TO December 31, 2006
TREATMENT PLANT: Faulkner Lake Treatment Plant NPDES PERMIT AR0020303
AVERAGE POTW FLOW: 6.258 MGD % IU FLOW: 14.10

METALS CYANIDE and PHENOLS (Total)	MAHL LIMIT (mg/L)	INFLUENT DATES SAMPLED Results mg/L				WQ LEVEL LIMIT mg/L	EFFLUENT DATES SAMPLED Results mg/L				Laboratory Analysis (See Attachment PPS)	
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	EPA Method Used	Detection Level Achieved (ug/L)
Antimony		<0.03	<0.03	<0.03	<0.03		<0.03	<0.03	<0.03	<0.03	200.8	60
Arsenic	0.013	<0.001	<0.001	<0.001	<0.001	2.48	<0.001	<0.001	<0.001	<0.001	200.8	10
Beryllium		<0.0003	<0.0003	<0.0003	<0.0003		<0.0003	<0.0003	<0.0003	<0.0003	200.8	5
Cadmium	0.01	0.0012	0.00065	0.00079	0.00074	0.035	0.00081	0.00049	<0.0001	<0.0001	200.8	1
Chromium	0.638	<0.07	<0.007	<0.007	<0.007	7.23	<0.007	<0.007	<0.007	<0.007	200.8	10
Copper	0.376	0.073	0.076	0.062	0.059	0.15	0.0088	0.0070	0.0052	0.0089	200.8	10
Lead	0.083	0.010	0.013	0.0058	0.0054	0.12	<0.001	<0.001	<0.001	<0.001	200.8	5
Mercury	0.001	<0.0002	0.0014	<0.0002	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	245.2	0.2
Molybdenum	0.072	0.014	<0.008	0.019	0.040		<0.008	<0.008	<0.008	<0.008	200.8	7
Nickel	0.077	0.0066	0.0087	0.0061	0.0064	5.54	0.0035	0.0052	0.0031	0.0033	200.8	40
Selenium	0.002	<0.002	<0.002	<0.002	<0.002	0.138	<0.002	<0.002	<0.002	<0.002	200.8	5
Silver	0.108	0.0032	0.0021	0.0018	0.0021	0.041	<0.0002	<0.0002	<0.0002	<0.0002	200.8	2
Thallium		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	200.8	10
Zinc	0.789	0.24	0.16	0.17	0.15	0.97	0.050	0.043	0.047	0.053	200.8	20
Cyanide	0.3227	<0.01	<0.01	<0.01	<0.01	0.15	<0.01	<0.01	<0.01	<0.01	335.2	20
Phenols		0.040	0.066	0.086	0.14		<0.005	<0.005	0.0050	0.007	420.1	5

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: January 1, 2007 TO December 31, 2007
TREATMENT PLANT: Faulkner Lake Treatment Plant NPDES PERMIT AR0020303
AVERAGE POTW FLOW: 5.714 MGD % IU FLOW: 14.59

METALS CYANIDE and PHENOLS (Total)	MAHL LIMIT (mg/L)	INFLUENT DATES SAMPLED Results mg/L				WQ LEVEL LIMIT mg/L	EFFLUENT DATES SAMPLED Results mg/L				Laboratory Analysis	
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	EPA Method Used	Detection Level Achieved (ug/L)
Antimony		<0.03	<0.003	<0.03	<0.03		<0.03	<0.03	<0.03	<0.03	200.8	60
Arsenic	0.013	<0.001	0.0027	0.0012	0.0023	2.48	<0.001	<0.001	<0.001	0.0011	200.8	10
Beryllium		<0.0003	<0.0003	<0.0003	<0.0003		<0.0003	<0.0003	<0.0003	<0.0003	200.8	5
Cadmium	0.01	0.0023	0.00095	0.00024	0.00059	0.035	0.00013	0.00015	<0.0001	0.00013	200.8	1
Chromium	0.638	<0.007	0.0091	<0.007	<0.007	7.23	<0.007	<0.007	<0.007	<0.007	200.8	10
Copper	0.376	0.099	0.12	0.025	0.068	0.15	0.009	0.0100	0.0063	0.0068	200.8	10
Lead	0.083	0.015	0.023	0.0029	0.016	0.12	<0.001	0.0033	<0.001	0.0021	200.8	5
Mercury	0.001	<0.0002	<0.0002	<0.0002	0.00037	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	245.2	0.2
Molybdenum	0.072	0.016	0.022	0.011	0.027		<0.008	<0.008	<0.008	<0.008	200.8	7
Nickel	0.077	0.008	0.01	0.0056	0.0072	5.54	0.0037	0.0048	0.0036	0.0034	200.8	40
Selenium	0.002	<0.002	<0.002	<0.002	<0.002	0.138	<0.002	<0.002	<0.002	<0.002	200.8	5
Silver	0.108	0.0028	0.0031	0.0019	0.0060	0.041	0.00020	<0.0002	<0.0002	<0.0002	200.8	2
Thallium		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	200.8	10
Zinc	0.789	0.73	0.280	0.090	0.24	0.97	0.057	0.078	0.058	0.059	200.8	20
Cyanide	0.3227	<0.01	<0.01	<0.01	<0.01	0.15	<0.01	<0.01	<0.01	<0.01	335.2	20
Phenols		0.057	0.092	0.044	0.016		0.013	0.0061	<0.005	<0.005	420.1	5

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT

REPORTING YEAR: January 1, 2006 TO December 31, 2006

TREATMENT PLANT: Faulkner Lake Treatment Plant NPDES PERMIT AR0020303

AVERAGE POTW FLOW: 6.258 MGD % IU FLOW: 14.10

METALS CYANIDE and PHENOLS (Total)	SLUDGE LIMITS MG/KG	FAULKNER LAKE DATES SAMPLED Results mg/kg				Laboratory Analysis
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	EPA Method Used
Antimony		<3	5.6	4.5	<3	3051, 6010B
Arsenic	75	<5	7.9	<5	7.7	3051, 6010B
Beryllium		1.0	1.2	1.3	1.2	3051, 6010B
Cadmium	85	7.4	8.2	8.2	7.8	3051, 6010B
Chromium		38	40	47	42	3051, 6010B
Copper	4300	460	460	490	440	3051, 6010B
Lead	840	94	93	110	91	3051, 6010B
Mercury	57	1.3	3.1	1.3	1.1	7471A
Molybdenum	75	30	29	32	30	3051, 6010B
Nickel	420	19	89	23	21	3051, 6010B
Selenium	100	<7	<7	<7	<7	3051, 6010B
Silver		39	28	33	31	3051, 6010B
Thallium		<4	<4	<4	<4	3051, 6010B
Zinc	7500	1200	1300	1300	1200	3051, 6010B
Cyanide		<10	1.4	1.7	<2	9010, 9014
Phenols		<2	<2	3.8	88	9065
ACI PCBs	49.99	<1				3550B, 80802

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT

REPORTING YEAR: January 1, 2007 TO December 31, 2007
TREATMENT PLANT: Faulkner Lake Treatment Plant NPDES PERMIT AR0020303
AVERAGE POTW FLOW: 5.714 MGD % IU FLOW: 14.59

METALS CYANIDE and PHENOLS (Total)	SLUDGE LIMITS MG/KG	FAULKNER LAKE DATES SAMPLED Results mg/kg				Laboratory Analysis
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	EPA Method Used
Antimony		<3	<3	5.7	4.2	3051, 6010B
Arsenic	75	<5	<5	5.8	7.6	3051, 6010B
Beryllium		1.0	1.1	0.96	1.1	3051, 6010B
Cadmium	85	6.5	7.7	6.3	6.3	3051, 6010B
Chromium		36	36	41	36	3051, 6010B
Copper	4300	460	490	400	470	3051, 6010B
Lead	840	94	95	70	89	3051, 6010B
Mercury	57	1.4	1.8	0.73	1.5	7471A
Molybdenum	75	27	29	21	21	3051, 6010B
Nickel	420	19	20	24	20	3051, 6010B
Selenium	100	<7	<7	<7	<7	3051, 6010B
Silver		34	34	31	24	3051, 6010B
Thallium		<4	<4	<4	<4	3051, 6010B
Zinc	7500	1300	1200	1000	1400	3051, 6010B
Cyanide		2.4	2.2	2.0	<1.5	9010, 9014
Phenols		24	39	22	13	9065
PCBs	49.99	<2	<2	<2	<1.5	3550B, 80802