

June 5, 2008

Steve Parke, Director of Utilities City of Fort Smith 3900 Kelley Highway Fort Smith, AR 72904

Re: Compliance Evaluation Inspection of City of Fort Smith POTW- (Massard Plant)

AFIN: 66-00226 NPDES Permit No.: AR0021750

Dear Mr. Parke:

On May 14, 2008, I performed a routine compliance inspection of the waste water treatment facility in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. This inspection revealed the following violation:

Facility was unable to provide annual calibration records in regard to the thermometer utilized in the refrigerator which stores the composite samples.

This item requires your immediate attention. Please submit a written response to this finding to the Water Division Enforcement Branch of this Department. The response should contain documentation describing the course of action taken to correct the item noted. This corrective action should be completed as soon as possible and the written response is due by June 27, 2008

For additional information you may contact the enforcement branch by telephone at 501-682-0639 or by fax at 501-682-0910.

If I can be of any assistance, please contact me at 479-452-4822 ext. 11

Sincerely

Jeff Tyler

District 4 Field Inspector

Water Division

cc: Water Division Enforcement Branch

Water Division Permits Branch



**\$EPA** 

|                    |               |                             |        |        | NF                             | PDI     | E    |       |       | state<br>O <b>m</b> | Wa      | shington | ı, D.C. | 20460                     |       |       |     |         | Rep    | or                  | t      |        |          |       |            |                          | (           |                  |        | prove<br>040-0 |      |      |
|--------------------|---------------|-----------------------------|--------|--------|--------------------------------|---------|------|-------|-------|---------------------|---------|----------|---------|---------------------------|-------|-------|-----|---------|--------|---------------------|--------|--------|----------|-------|------------|--------------------------|-------------|------------------|--------|----------------|------|------|
|                    |               |                             |        |        |                                |         |      |       |       |                     |         | S        | Secti   | on A:                     | Natio | onal  | Da  | ta Sy   | stem   | Codi                | ng     |        |          |       |            |                          |             |                  |        |                |      |      |
|                    | Tran          | sactio                      | n Cod  | e      |                                |         |      |       |       |                     | NPDI    | ES       |         |                           |       |       |     |         |        | Yr                  | /Mo/I  | Day    |          |       | Ins        | рес. Т                   | ype         | Ir               | spect  | or             | Fac. | Type |
| 1                  | N             | 2                           | 5      | 3      | A                              | R       |      | 0     | 0     | 2                   | 1       | 7        | 5       | 0                         | 11    | 12    | 2   | 0       | 8      | 0                   | 5      | 1      | 4        | 17    | 18         | C                        |             | 19               | S      | 20             | 1    |      |
|                    |               | •                           |        |        |                                |         |      |       |       |                     |         |          |         |                           | _     | Rem   | ark | ks      |        |                     |        |        |          | •     |            |                          | •           |                  |        |                |      |      |
|                    |               |                             | A      | F      | I                              | N       |      |       | 6     | 6                   | -       | 0        | 0       | 2                         | 2     | 6     |     |         |        |                     |        |        |          |       |            |                          |             |                  |        |                |      |      |
|                    | In            | specti                      | on W   | ork D  | ays                            |         |      |       | Fac   | cility E            | valua   | tion R   | ating   | Ţ.                        |       | BI    |     | (       | QΑ     | -                   |        |        |          |       |            | Reserv                   | ved         |                  |        |                |      | -    |
|                    | 67            | 0                           | 0      | 1      | 69                             |         |      |       |       | 70                  | 3       |          |         |                           | 71    | N     |     | 72      | N      | 73                  |        |        | 74       | 75    |            |                          |             |                  |        |                | 80   |      |
|                    |               |                             |        |        |                                |         |      |       |       |                     |         |          |         | Se                        | ction | B: F  | aci | ility l | Data   |                     |        |        |          |       |            |                          |             |                  |        |                |      |      |
| incl<br><u>Cit</u> | ude F<br>v of | OTW<br><b>Fort</b>          | name   | and    | cility l<br>NPDE<br><b>)TW</b> | S per   | mi   | t nun | ıbei  |                     | ıl usei | rs disc  | harg    | ing to                    | POT   | W, al | so  |         |        | y Tim<br>5 / M      |        |        | 08       |       |            |                          |             | fectiv<br>er 1,  |        |                |      |      |
|                    |               | treet<br>ith, A             | R 72   | 904    |                                |         |      |       |       |                     |         |          |         |                           |       |       |     |         |        | Time<br>0/ <b>M</b> |        |        | 18       |       |            |                          |             | kpirat<br>31, 20 |        | ate            |      |      |
|                    |               |                             |        |        |                                |         |      |       |       | hone ai<br>735 / c  |         |          |         |                           |       |       |     |         |        |                     |        |        |          |       | Co         | er Fac<br>ordin<br>35°20 | ates:       |                  | ple lo | ocatio         | n    |      |
| 390                | 0 Ke          | arke /<br>elly H<br>ith , A | ighw   | ay     |                                | tor / 4 | 47   | 9-78  | 4-2   | 2231 /              | fax /   |          |         |                           |       |       |     |         |        | Yes                 |        | No E   | <b>7</b> |       |            |                          |             |                  |        |                |      |      |
|                    |               |                             |        |        |                                |         |      |       |       | (S =                | Satis   |          |         | C: Ar<br>= Maı            |       |       |     |         |        |                     |        | Eval   | uated)   | )     |            |                          |             |                  |        |                |      |      |
| S                  | Per           | mit                         |        |        |                                |         |      | S     | ] 1   | Flow N              | Ieasu   | remei    | nt      |                           |       | S     |     | Ope     | eratio | ns &                | Main   | tenar  | ice      |       | S          | Sam                      | pling       |                  |        |                |      |      |
| M                  | Re            | cords                       | Repo   | rts    |                                |         |      | S     | _  :  | Self-M              | onito   | ring F   | Progr   | am                        |       | S     |     | Slu     | dge I  | landli              | ing/D  | isposa | ıl       |       | N          | Pollu                    | ution       | Prev             | entio  | n              |      |      |
| S                  | Fac           | cility                      | Site R | evie   | W                              |         |      | S     | ، لِـ | Compl               | iance   | Sche     | dule    | 6                         |       | N     |     | Pre     | treat  | ment                |        |        |          |       | N          | Mul                      | timed       | lia              |        |                |      |      |
| S                  | Eff           | luent                       | Rece   | ving   | Wate                           | ers     |      | S     |       | Labor               | •       |          |         |                           |       | N     |     |         | rm W   |                     |        |        |          |       | N          | Othe                     | er:         |                  |        |                |      |      |
|                    |               |                             |        |        |                                |         |      | S     | ecti  | ion D:              | Sumi    | nary (   | of Fi   | nding                     | s/Co  | mme   | nts | (Att    | ach a  | dditio              | onal s | heets  | if nec   | essar | <b>y</b> ) |                          |             |                  |        |                |      |      |
| sa                 | mpl           | es.                         |        |        |                                |         |      |       | vid   | e ann               | ual (   | calib    |         |                           |       |       |     |         |        | mete                | r uti  | lized  | l in r   | refri | gerat      | tor tl                   | hat s       | store            | s co   | mpo            | site |      |
| Na:<br>Jeft        | ne(s)<br>Tyle | and S<br>er <b>9</b> *      | ignati | ire(s) | of In                          | specto  | or(s | s)    |       |                     |         |          | AR      | ency/0<br>Dept.<br>9-452- | of E  | nviro | nn  | nenta   | l Qua  |                     |        | Smith  | /        |       |            | Date<br>Jun              | e<br>e 5, 2 | 2008             |        |                |      |      |
|                    |               |                             |        |        |                                |         |      |       |       |                     |         |          |         |                           |       |       |     |         |        |                     |        |        |          |       |            |                          |             |                  |        |                |      |      |
| Sig                | natur         | e of R                      | eview  | er     |                                |         |      |       |       |                     |         | _        | Ag      | gency/                    | Offic | e/Pho | one | e and   | Fax N  | Numbe               | ers    |        |          |       |            | Dat                      | te          |                  |        | _              |      |      |

| ADEQ Water NPDES Inspection | AFIN: 66-00226 | Permit #: AR0021750 |
|-----------------------------|----------------|---------------------|

| SECTION A: PERMIT VERIFICATION  |                  |
|---|------------------|
| PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS  | ☑S ☐M ☐U ☐NA ☐NE |
| DETAILS:  |                  |
| 1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE:   | ☑Y □N □NA □NE    |
| 2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES:                    | □Y □N ØNA □NE    |
| 3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT:                              | ☑Y □N □NA □NE    |
| 4. ALL DISCHARGES ARE PERMITTED:  | ☑Y □N □NA □NE    |
|   |                  |
| SECTION B: RECORDKEEPING AND REPORTING EVALUATION   |                  |
| RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT  | □S ☑M □U □NA □NE |
| DETAILS: No annual calibration records on thermometer in refrigerator used to store con         | nposite sample.  |
| 1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRS:                                    | ☑Y □N □NA □NE    |
| 2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE:   | ☑S ☐M ☐U ☐NA ☐NE |
| a. DATES AND TIME(S) OF SAMPLING:   | ☑Y □N □NA □NE    |
| b. EXACT LOCATION(S) OF SAMPLING:   | ☑y □n □na □ne    |
| c. NAME OF INDIVIDUAL PERFORMING SAMPLING:  | ☑Y □N □NA □NE    |
| d. ANALYTICAL METHODS AND TECHNIQUES:   | ☑Y □N □NA □NE    |
| e. RESULTS OF CALIBRATIONS:   | ☑Y □N □NA □NE    |
| f. RESULTS OF ANALYSES:   | ☑Y □N □NA □NE    |
| g. DATES AND TIMES OF ANALYSES:   | ☑Y □N □NA □NE    |
| h. NAME OF PERSON(S) PERFORMING ANALYSES:   | ☑Y □N □NA □NE    |
| 3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE:                           | □S □M ☑U □NA □NE |
| 4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR:                  | ☑S ☐M ☐U ☐NA ☐NE |
| 5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA:            | ☑Y □N □NA □NE    |
|   |                  |
| SECTION C: OPERATIONS AND MAINTENANCE   |                  |
| TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED   | ☑S ☐M ☐U ☐NA ☐NE |
| DETAILS:  |                  |
| 1. TREATMENT UNITS PROPERLY OPERATED:   | ⊠s □m □u □na □ne |
| 2. TREATMENT UNITS PROPERLY MAINTAINED:   | ⊠s □m □u □na □ne |
| 3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED: (Dual feed electricity)                          | ☑S ☐M ☐U ☐NA ☐NE |
| 4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE:                             | ☑S ☐M ☐U ☐NA ☐NE |
| 5. ALL NEEDED TREATMENT UNITS IN SERVICE:   | ☑S ☐M ☐U ☐NA ☐NE |
| 6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED:   | ☑S ☐M ☐U ☐NA ☐NE |
| 7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED:   | ☑s ☐m ☐u ☐na ☐ne |
| 8. OPERATION AND MAINTENANCE MANUAL AVAILABLE:  | ☑Y □N □NA □NE    |
| 9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:                                     | ☑Y □N □NA □NE    |
| 10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:                                     | ☑Y □N □NA □NE    |
| 11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR: | ☑Y □N □NA □NE    |
| 12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:   | ☑Y □N □NA □NE    |
| 13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS:                  | ☑Y □N □NA □NE    |
| 14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT:                               | □y ☑n □na □ne    |
| 15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT:   | □y □n ☑na □ne    |
|   |                  |

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| SI | ECTION D: SAMPLING  |                    |
|----|---|--------------------|
|    | ERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS   | ☑S □M □U □NA □NE   |
|    | ETAILS:   |                    |
| 1. | SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:   | ⊠y □n □na □ne      |
| 2. | LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:  | ⊠y □n □na □ne      |
| 3. | FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:                                       | ⊠y □n □na □ne      |
| 4. | SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:                                | ⊠Y □N □NA □NE      |
| 5. | SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:                                 | ✓Y □N □NA □NE      |
| 6. | SAMPLE COLLECTION PROCEDURES ADEQUATE:  | Øy □n □na □ne      |
| a  | a. SAMPLES REFRIGERATED DURING COMPOSITING:   | ⊠y □n □na □ne      |
| b  | D. PROPER PRESERVATION TECHNIQUES USED:   | ⊠y □n □na □ne      |
| C  | : CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136:                                      | ⊠y □n □na □ne      |
| 7. | IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR:              | □Y □N ☑NA □NE      |
|    |   |                    |
| SI | ECTION E: FLOW MEASUREMENT  |                    |
|    | ERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS   | ØS OM OU ONA ONE   |
|    | ETAILS:   |                    |
| 1. | PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: TYPE OF DEVICE: 24" parshall f | lume Øy □N □NA □NE |
| 2. | FLOW MEASURED AT EACH OUTFALL AS REQUIRED:  | ✓Y □N □NA □NE      |
| 3. | SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED:             | Øy □n □na □ne      |
| 4. | CALIBRATION FREQUENCY ADEQUATE: (Date of last calibration January 29, 2008)                       | ☑Y □N □NA □NE      |
| 5. | RECORDS MAINTAINED OF CALIBRATION PROCEDURES:   | ☑Y □N □NA □NE      |
| 6. | CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:   | ☑Y □N □NA □NE      |
| 7. | FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:                  | ☑Y □N □NA □NE      |
| 8. | FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES:                       | ☑Y □N □NA □NE      |
| 9. | HEAD MEASURED AT PROPER LOCATION:   | Øy □n □na □ne      |
|    |   |                    |
| SI | ECTION F: LABORATORY  |                    |
|    | ERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS   | ☑S □M □U □NA □NE   |
|    | ETAILS:   |                    |
| 1. | EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :        | ⊠y □n □na □ne      |
| 2. | IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED:                 | □Y □N ☑NA □NE      |
| 3. | SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:                            | ☑Y □N □NA □NE      |
| 4. | QUALITY CONTROL PROCEDURES ADEQUATE:  | ⊠y □n □na □ne      |
| 5. | DUPLICATE SAMPLES ARE ANALYZED ≥10% OF THE TIME:  | ⊠y □n □na □ne      |
| 6. | SPIKED SAMPLES ARE ANALYZED ≥10% OF THE TIME:   | ⊠y □n □na □ne      |
| 7. | COMMERCIAL LABORATORY USED:   | ⊠y □n □na □ne      |
| a  | . LAB NAME: Pace Analytical Services  |                    |
| b  | . LAB ADDRESS: 9608 Loiret Blvd. Lenexa, KS66219  |                    |
| c  | : PARAMETERS PERFORMED: Biomonitoring   |                    |
| 8. | BIOMONITORING PROCEDURES ADEQUATE:  | ⊠y □n □na □ne      |
| a  | n. PROPER ORGANISMS USED:   | ⊠y □n □na □ne      |
| b  | ). PROPER DILUTION SERIES FOLLOWED:   | ⊠y □n □na □ne      |
| c  | : PROPER TEST METHODS AND DURATION:   | ⊠y □n □na □ne      |
|    | I. RETESTS AND/OR TRE PERFORMED AS REQUIRED:  | ✓Y □N □NA □NE      |
|    |   |                    |

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| SECTION       | G: EFFLUEI          | NT/RECEIVIN         | IG WATERS          | OBSERVATION         | ONS                 |         |            |
|---------------|---------------------|---------------------|--------------------|---------------------|---------------------|---------|------------|
|               | N VISUAL OBS        |                     |                    | 0_0                 |                     | ⊠s □m □ | U DNA DNE  |
|               | Receiving waters    |                     |                    |                     | · · ·               |         |            |
| OUTFALL #:    | OIL SHEEN           | GREASE              | TURBIDITY          | VISIBLE FOAM        | FLOATING SOLIDS     | COLOR   | OTHER      |
| 001           | None                | None                | None               | None                | Trace               | Clear   |            |
|               |                     |                     |                    |                     |                     |         |            |
|               |                     |                     |                    |                     |                     |         |            |
|               |                     |                     |                    |                     |                     |         |            |
|               |                     |                     |                    | I                   |                     | l       |            |
| SECTION       | H: SLUDGE           | DISPOSAL            |                    |                     |                     |         |            |
| SLUDGE D      | DISPOSAL ME         | ETS PERMIT F        | REQUIREMEN         | ΓS                  |                     | ⊠s □m □ | U □NA □NE  |
| DETAILS:      | Class A sludge is   | s produced and t    | ransported to Fo   | rt Smith landfill f | or disposal.        |         |            |
| 1. SLUDGE M   | IANAGEMENT ADEQU    | ATE TO MAINTAIN EF  | FLUENT QUALITY:    |                     |                     | ⊠s □м   | □U □NA □NE |
| 2. SLUDGE R   | ECORDS MAINTAINED   | AS REQUIRED BY 40   | ) CFR 503:         |                     |                     | □s □м   | □u Øna □ne |
| 3. FOR LAND   | APPLIED SLUDGE, TY  | PE OF LAND APPLIE   | TO: (E.G., FOREST, | AGRICULTURAL, PUI   | BLIC CONTACT SITE): |         |            |
|               |                     |                     |                    |                     |                     |         |            |
| SECTION       | I: SAMPLIN          | G INSPECTION        | N PROCEDI          | JRES                |                     |         |            |
| SAMPLE F      | RESULTS WITH        | IIN PERMIT R        | EQUIREMENT         | S                   |                     | □s □m □ | U ⊠NA □NE  |
| DETAILS:      |                     |                     |                    |                     |                     |         |            |
| 1. SAMPLES    | OBTAINED THIS INSPE | ECTION:             |                    |                     |                     | □Y      | ⊠N □NA □NE |
| 2. TYPE OF S  | SAMPLE: GRAB:       | COMPOSITE:_ N       | METHOD: FREQUE     | NCY:                |                     |         |            |
| 3. SAMPLES    | PRESERVED:          |                     |                    |                     |                     | □Y      | □n Øna □ne |
| 4. FLOW PRO   | PORTIONED SAMPLE    | S OBTAINED:         |                    |                     |                     | □Y      | □n ☑na □ne |
| 5. SAMPLE O   | BTAINED FROM FACIL  | LITY'S SAMPLING DEV | /ICE:              |                     |                     | □Y      | □n Øna □ne |
| 6. SAMPLE R   | EPRESENTATIVE OF    | VOLUME AND NATUR    | E OF DISCHARGE:    |                     |                     | □Y      | □n ☑na □ne |
| 7. SAMPLE S   | PLIT WITH PERMITTER | E:                  |                    |                     |                     | □Y      | □n ☑na □ne |
| 8. CHAIN-OF-  | CUSTODY PROCEDU     | RES EMPLOYED:       |                    |                     |                     | □Y      | □n ☑na □ne |
| 9. SAMPLES    | COLLECTED IN ACCO   | RDANCE WITH PERM    | IT:                |                     |                     | □Y      | □N ☑NA □NE |
|               |                     |                     |                    |                     |                     |         |            |
|               | J: STORM V          |                     |                    |                     |                     |         |            |
| 1             | ATER MANAG          |                     |                    | -                   | 5                   |         | U ⊠NA □NE  |
| _             | No exposure ce      |                     |                    | artment.            |                     |         |            |
|               | PDATED AS NEEDED:   |                     |                    |                     |                     |         | □N ØNA □NE |
| 2. SITE MAP   | INCLUDING ALL DISCH | HARGES AND SURFAC   | CE WATERS:         |                     |                     |         | □N ☑NA □NE |
|               | N PREVENTION TEAM   |                     |                    |                     |                     |         | □N ☑NA □NE |
|               | N PREVENTION TEAM   |                     | ):<br>             |                     |                     |         | □N ☑NA □NE |
|               | OTENTIAL POLLUTANT  |                     |                    |                     |                     |         | □N ☑NA □NE |
|               | OTENTIAL SOURCES A  |                     |                    |                     |                     |         | □N ☑NA □NE |
|               | STORM WATER DISCH   | ARGES ARE AUTHOR    | IZED:              |                     |                     |         | □N ☑NA □NE |
|               | FRUCTURAL BMPS:     |                     |                    |                     |                     |         | □N ☑NA □NE |
|               | ON-STRUCTURAL BMF   |                     |                    |                     |                     |         | □N ☑NA □NE |
|               | PERLY OPERATED AN   |                     |                    |                     |                     |         | □N ☑NA □NE |
| 11. INSPECTIO | ONS CONDUCTED AS I  | REQUIRED:           |                    |                     |                     | L⊔Y     | □N ☑NA □NE |

| Date: <b>05</b>   | -14-08                  |  | Time                                       | : 143   | 30                           |       |                |          |                      |     |             |           |
|---|-------------------------|--|--|---|------------------------------|-------|----------------|----------|----------------------|-----|-------------|-----------|
| Head in Ind   | ches:                   | NA   |  | Feet:   | 1.30                         |       |                |          |                      |     |             |           |
| 1044 111 111  | 51100.                  | 147 (  |  | 1 001.  | 1100                         |       |                |          |                      |     |             |           |
| Type & Siz  | e of P                  | rimary F   | low Mea                                    | asurer  | nent De                      | evice | ։ 24"բ         | oarsh    | all flui             | me  |             |           |
|   |                         |  |  |   |                              |       |                |          |                      |     |             |           |
| Name & M  | odel of                 | Second   | dary Flo                                   | w Mea   | asurem                       | ent D | evice          | : Mi     | Iltroni              | ics | OCM         | III       |
|   |                         |  |  |   |                              |       |                |          |                      |     |             |           |
| Date of las   | t Calib                 | ration of  | f Second                                   | dary F  | low De                       | vice: | Janu           | ary 29   | 9, 200               | 8   |             |           |
|   |                         |  |  | ,   |                              |       |                |          |                      | _   |             |           |
|   |                         |  |  |   |                              |       |                |          |                      | -   |             |           |
| Recorded  | Flow a                  | t Date &   | Time L                                     | isted A   | Above:                       | 7.    | 40             |          |                      | (F  | acility Flo | ow Meter) |
|   |                         |  |  |   |                              |       | <del>-</del>   |          |                      | (F  | acility Flo | ow Meter) |
| Calculated  | Flow a                  | at Date a  | & Time I                                   | _isted  | Above                        | 7     | .76            | ent Hand | book-5 <sup>th</sup> |     |             |           |
| Calculated  | Flow a                  | at Date of   | & Time I                                   | _isted<br>Open C                                | Above:                       | . 7   | .76<br>asureme | ent Hand | book-5 <sup>th</sup> |     |             |           |
| Calculated<br>(Flow is calcula                                | Flow a                  | at Date of store of the store o | & Time Iss in: ISCO                        | _isted<br>Open C                                | Above: hannel Flo            | . 7   | .76            | ent Hand | book-5 <sup>th</sup> |     |             |           |
| Recorded Calculated (Flow is calculated) % Error =            | Flow a                  | at Date of store of the store o | & Time I                                   | _isted<br>Open C                                | Above: hannel Flo            | . 7   | .76            |          | book-5 <sup>th</sup> |     |             |           |
| Calculated<br>(Flow is calcula<br>% Error =                   | Flow a                  | at Date of store of the store o | & Time I s in: ISCO alue - Calculate       | _isted<br>Open C<br>Calc<br>ed Val              | Above: hannel Flo            | Valu  | .76 asureme    | X 100    | book-5               |     |             |           |
| Calculated<br>(Flow is calcula                                | Flow a                  | at Date of flow charted Volume (   | & Time Issin: ISCO alue -                  | _isted<br>Open C<br>Calc<br>ed Val              | Above: hannel Flo culated ue | Valu  | .76 asureme    |          | book-5 <sup>th</sup> |     |             |           |
| Calculated<br>(Flow is calcula<br>% Error =<br>% Error =      | Flow a                  | orded V  | & Time I s in: ISCO alue - Calculate - 7.7 | _isted<br>Open C<br>Calc<br>ed Val              | Above: hannel Flo culated ue | Valu  | .76 asureme    | X 100    | book-5 <sup>th</sup> |     |             |           |
| Calculated<br>(Flow is calcula<br>% Error =<br>% Error =      | Flow a                  | at Date of flow charted Volume (   | & Time I s in: ISCO alue - Calculate - 7.7 | _isted<br>Open C<br>Calc<br>ed Val              | Above: hannel Flo culated ue | Valu  | .76 asureme    | X 100    | book-5 <sup>th</sup> |     |             |           |
| Calculated (Flow is calcula  % Error =  % Error =             | Flow a steed using      | 7.40   | & Time I s in: ISCO alue - Calculate - 7.7 | Listed Open C Calc ed Val 76                    | Above: hannel Flo culated ue | Valu  | .76 asureme    | X 100    | book-5 <sup>th</sup> |     |             |           |
| Calculated<br>(Flow is calcula<br>% Error =<br>% Error =      | Flow a steed using      | orded V<br>7.40  | & Time I s in: ISCO alue - Calculate - 7.7 | _isted<br>Open C<br>Calc<br>ed Val              | Above: hannel Flo culated ue | Valu  | .76 asureme    | X 100    | book-5 <sup>th</sup> |     |             |           |
| Calculated (Flow is calculated)  % Error =  % Error =         | Flow a steed using      | 7.40   | & Time I s in: ISCO alue - Calculate - 7.7 | _isted<br>Open C<br>Calc<br>ed Val<br>76<br>100 | Above: hannel Flo culated ue | Valu  | .76 asureme    | X 100    | book-5 <sup>th</sup> |     |             |           |
| Calculated (Flow is calculated) % Error = % Error = % Error = | Flow a lated using Reco | 7.40<br>-0.36<br>-0.0463   | & Time I s in: ISCO alue - Calculate - 7.7 | _isted<br>Open C<br>Calc<br>ed Val<br>76<br>100 | Above: hannel Flo culated ue | Valu  | .76 asureme    | X 100    | book-5 <sup>th</sup> |     |             |           |

## **DMR Calculation Check**

Reporting Period: From 07 10 01 To 07 10 07 Year Month Day Year Month Day

Parameter Checked: TSS

Concentration Loading Mass **Monthly** Mo. Avg. - lbs/day 7-day Avg. - mg/l Mo. Avg. - mg/l **Reported Value:** 235 **29** 11 29 235 **Calculated Value:** 11 2502 **30 Permit Value:** 45

If calculated value does not equal reported value, explain: <u>Equal</u>





POST
JUN 1 8 2008
MARKED

June 17, 2008

NPDES Enforcement Section Water Division Arkansas Department of Environmental Quality 5301 Northshore Drive North Little Rock, AR 72118-5317

Re: NPDES Permit No. AR0021750 AFIN: 66-00226

Dear Mr. Tyler:

The following comments are in reference to your findings during your inspection of the above referenced facility on May 14, 2008.

1. The thermometer in the sample refrigerator at the Massard WWTP will be calibrated annually by the City's laboratory. The calibration results will be maintained at the facility.

Should you have questions, please advise.

Sincerely,

Steve Floyd Superintendent

Water/Wastewater Operations

City of Fort Smith Utility Department

pc: Steve Parke, Director of Utilities
. NPDES Enforcement Branch, Region 6