Inspection Report: City of Newport - Airport WWTP, AFIN: 34-00061, Permit #: AR0045225

| <u>ADEQ</u> | | | WATER DIVISION INSPECTION REPORT | | | | | | |
|--|--|-------------------|----------------------------------|---|--------------------|---------------------|-------|-----------|------------------------|
| | | | AFIN: 34-00061 PERMIT #: AR | | 45225 | | | DATE: 9 | 9/14/2016 |
| ARKANSAS | | COUNTY: 34 Jacks | | on | PDS #: 093221 | | | | MEDIA: WN |
| Dep | partment of Environmental Quality | GPS LAT: 35.59231 | | 6 LONG: -91.247 | '179 L | OCATION | l: Er | ntrance | ; |
| | FACILITY INFORMAT | ION | | | - | TION INFO | ORN | IATIO | N |
| NAME: City of Newport - Airport WWTP LOCATION: | | | | FACILITY TYPE: 1 - Municipal | | | | | |
| 8200 Theatre Dr. | | | | FACILITY EVALUATION RATING: INSPECTION TYPE: 3 - Satisfactory Compliance Evaluation | | | | | Evaluation |
| Ne | wport | | | (-) | ITRY TIME: 9:30 | EXIT TIME: 14:05 | | PERMIT EF | FECTIVE DATE: |
| | RESPONSIBLE OFFIC | CIAL | - | 0/14/2010 0 | 0.00 | 14.00 | | | VIZ (PIRATION DATE: |
| | | | | | | | | 3/31/2 | |
| COM | vid Stewart / Mayor | | | FAYETTEVILLE | SHAL | E RELATI | ED: | N | |
| | y of Newport | | | FAYETTEVILLE SHALE VIOLATIONS: N | | | | | |
| | 5 Third St. | | | INSPECTION PARTICIPANTS | | | | | |
| | STATE, ZIP: | | | NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Martin Steward/Superintendent | | | | | |
| | wport AR 72112 ⊮e&ext: / fax: | | | Lynn Kuhnert/Laboratory | | | | | |
| | 0-523-6568 / | | | | | | | | |
| EMAI | _: | | | Brent Walker/ADEQ | | | | | |
| CC | NTACTED DURING INSPECTION: | No | | Sarah Frasher/ADEQ | | | | | |
| | | | AREA EVA | LUATIONS | | | | | |
| 6 | | - | tory, M=Marginal, U=Unsati | | | | | | |
| S S | PERMIT RECORDS/REPORTS | S S | FLOW MEASUR | | N S | | | | |
| S | OPERATION & MAINTENANCE | N | | EIVING WATER | - 3 N | | | | |
| s | SAMPLING | S | | LING/DISPOSAL | S | PRETRE | | | |
| N | OTHER: | • | 0200021###0 | | | 1 | _/ | | |
| SUMMARY OF FINDINGS | | | | | | | | | |
| for im | There was an error on the June 2016 DMR (Discharge Monitoring Report). The monthly average mass loading for CBOD was incorrectly reported as 4.0 lbs/day. It should have been reported as 4.5 lbs/day. The DMR was immediately corrected during the inspection and a corrected copy was submitted on the following day. No further action is required. | | | | | | | | |

No other violations were noted at the time of the inspection.

GENERAL COMMENTS

Majority of flow/loading entering this WWTP is from a food processing facility. During certain times of the year, this WWTP cannot meet permit limits and effluent is routed to the main Newport WWTP (AR0037044) for further treatment.

Facility is well maintained with a very knowledgeable and professional staff.

Inspection was performed in conjunction with an SSO Inspection of this facility as well as Compliance Evaluation, SSO and Stormwater No-Exposure Inspections of the City of Newport Main WWTP AR0037044.

Letter is attached to the Compliance Evaluation Inspection for AR0037044.

| Inspection Report: City of Newport - Airport WWTP, AFIN: 34-00061, Permit #: AR0045225 | | | | | | | | |
|--|-------------------------|--|--|--|--|--|--|--|
| INSPECTOR'S SIGNATURE: Brest L Walker Brent L. Walker | DATE: 10/6/2016 | | | | | | | |
| SUPERVISOR'S SIGNATURE: Jason Bolenbaugh | DATE: 10/10/2016 | | | | | | | |
| SUPERVISOR'S SIGNATURE: Jason Bolenbaugh | DATE. 10/10/2016 | | | | | | | |

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|---|---|
| SECTION A: PERMIT VERIFICATION | |
| PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS | ØS OM OU ONA ONE |
| DETAILS: | |
| 1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE: | |
| 2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES: | 🛛 Y 🗖 N 🗹 NA 🗍 NE |
| 3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT: | 🗹 y 🗆 n 🗆 na 🗆 ne |
| 4. ALL DISCHARGES ARE PERMITTED: | |
| SECTION B: RECORDKEEPING AND REPORTING EVALUATION | |
| RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT | |
| DETAILS: Minor loading calculation error on June 2016 DMR – corrected DMR submitted | |
| 1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRS: | |
| 2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE: | |
| a. DATES AND TIME(S) OF SAMPLING: | |
| b. EXACT LOCATION(S) OF SAMPLING: | |
| | |
| C. NAME OF INDIVIDUAL PERFORMING SAMPLING: | |
| d. ANALYTICAL METHODS AND TECHNIQUES: | |
| e. RESULTS OF CALIBRATIONS: | |
| f. RESULTS OF ANALYSES: | |
| g. DATES AND TIMES OF ANALYSES: | |
| h. NAME OF PERSON(S) PERFORMING ANALYSES: | |
| 3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE: | |
| 4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR: | Øs Om Ou Ona One |
| 5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA: | |
| SECTION C: OPERATIONS AND MAINTENANCE | |
| TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED | |
| DETAILS: | • |
| 1. TREATMENT UNITS PROPERLY OPERATED: | Øs 🗆m 🗇u 🖾na 🗇ne |
| 2. TREATMENT UNITS PROPERLY MAINTAINED: | Øs 🗆m 🗇u 🖾na 🖾ne |
| 3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED: | Øs 🗆m 🗇u 🗇na 🗇ne |
| 4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE: | |
| 5. ALL NEEDED TREATMENT UNITS IN SERVICE: | |
| 6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED: | |
| 7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED: | |
| | |
| 8. OPERATION AND MAINTENANCE MANUAL AVAILABLE: | |
| 9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED: | |
| 9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED: | |
| STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED: PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED: | |
| STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED: PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED: HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR: | Øy On Ona One Øy On Ona One |
| STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED: PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED: HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR: IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED: | ØY In Ina Ine ØY In Ina Ine ØY In Ina Ine ØY In Ina Ine |
| STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED: PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED: HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR: IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED: HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS: | ØY In Ina Ine |
| STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED: PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED: HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR: IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED: | ØY IN INA INE ØY IN INA INE |

| SECTION D: SAMPLING | |
|--|-------------------|
| PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS | ØS OM OU ONA ONE |
| DETAILS: | |
| | |
| | |
| | |
| 3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT: | |
| 4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT: | |
| 5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT: | |
| 6. SAMPLE COLLECTION PROCEDURES ADEQUATE: | |
| a. SAMPLES REFRIGERATED DURING COMPOSITING: | |
| b. PROPER PRESERVATION TECHNIQUES USED: | |
| c. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136: | |
| 7. IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR: | |
| | |
| SECTION E: FLOW MEASUREMENT | |
| PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS | ØS OM OU ONA ONE |
| DETAILS: | |
| 1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: Yes TYPE OF DEVICE: Parshall Flo | |
| 2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED: | |
| 3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED: | |
| 4. CALIBRATION FREQUENCY ADEQUATE: | |
| 5. RECORDS MAINTAINED OF CALIBRATION PROCEDURES: | |
| 6. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE: | Øy On Ona One |
| 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: | |
| 9. HEAD MEASURED AT PROPER LOCATION: | |
| | |
| SECTION F: LABORATORY | |
| PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS | ØS OM OU ONA ONE |
| DETAILS: | |
| 1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) : | Øy On Ona One |
| 2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED: | Øy On Ona One |
| 3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT: | |
| 4. QUALITY CONTROL PROCEDURES ADEQUATE: | 🗹 Y 🗆 N 🗆 NA 🗆 NE |
| 5. DUPLICATE SAMPLES ARE ANALYZED \geq 10% OF THE TIME: | |
| 6. SPIKED SAMPLES ARE ANALYZED \geq 10% OF THE TIME: | |
| 7. COMMERCIAL LABORATORY USED: | Øy 🛛 n 🖓 na 🖓 ne |
| a. LAB NAME: <u>Arkansas Testing</u> | |
| b. LAB ADDRESS: <u>Searcy, AR</u> | |
| c. PARAMETERS PERFORMED: WET Testing, CBOD, NH3-N, TP, NO3+NO2-N | |
| 8. BIOMONITORING PROCEDURES ADEQUATE: | |
| a. PROPER ORGANISMS USED: | |
| b. PROPER DILUTION SERIES FOLLOWED: | |
| c. PROPER TEST METHODS AND DURATION: | Øy 🛛 n 🖓 na 🖓 ne |
| d. RETESTS AND/OR TRE PERFORMED AS REQUIRED: | |
| | |

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| SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS | | | | | | | | | | | | |
|--|---------------------|---------------------|----------------------|-----------------------|---------------------|--------------------|---------------|--|--|--|--|--|
| BASED ON VISUAL OBSERVATIONS ONLY | | | | | | | | | | | | |
| DETAILS: No direct discharge at the time of the inspection; effluent was routed to AR0037044 for further treatment. | | | | | | | | | | | | |
| OUTFALL #: OIL SHEEN GREASE TURBIDITY VISIBLE FOAM FLOATING SOLIDS COLOR OTHER | | | | | | | | | | | | |
| 001 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| SECTION H: SLUDGE DISPOSAL | | | | | | | | | | | | |
| SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS 🛛 S 🗆 U 🗆 NA 🗆 NE | | | | | | | | | | | | |
| DETAILS: | Sludge is sent | to the other Nev | wport WWTP A | <u>R0037044 lagoo</u> | ons for storage. | | | | | | | |
| 1. SLUDGE M | ANAGEMENT ADEQU | ATE TO MAINTAIN EF | FLUENT QUALITY: | | | ⊠s ⊡m | | | | | | |
| 2. SLUDGE R | ECORDS MAINTAINED | DAS REQUIRED BY 40 |) CFR 503: | | | □s □m | DU DNA ØNE | | | | | |
| 3. FOR LAND | APPLIED SLUDGE, TY | PE OF LAND APPLIE | D TO: (E.G., FOREST, | AGRICULTURAL, PUE | BLIC CONTACT SITE): | <u>gricultural</u> | | | | | | |
| | | | | | | | | | | | | |
| | SAMPLING IN | | | | | | | | | | | |
| | ESULTS WITH | HIN PERMIT R | EQUIREMENT | S | | | IU ⊠NA ⊡NE | | | | | |
| DETAILS: | | | | | | | | | | | | |
| | OBTAINED THIS INSPI | | | | | ΠY | □n Øna □ne | | | | | |
| 2. TYPE OF S | AMPLE: GRAB: | | METHOD: FREQUE | NCY: | | | | | | | | |
| 3. SAMPLES | PRESERVED: | | | | | ΠY | □n Øna □ne | | | | | |
| 4. FLOW PRC | PORTIONED SAMPLE | S OBTAINED: | | | | | □n Øna □ne | | | | | |
| 5. SAMPLE O | BTAINED FROM FACIL | LITY'S SAMPLING DE\ | /ICE: | | | | | | | | | |
| 6. SAMPLE R | EPRESENTATIVE OF | VOLUME AND NATUR | E OF DISCHARGE: | | | | ⊡n Øna ⊡ne | | | | | |
| 7. SAMPLE SI | PLIT WITH PERMITTEI | E: | | | | | 🗆 n 🗹 na 🗆 ne | | | | | |
| 8. CHAIN-OF- | CUSTODY PROCEDU | RES EMPLOYED: | | | | | | | | | | |
| 9. SAMPLES | COLLECTED IN ACCO | RDANCE WITH PERM | IT: | | | ΠY | | | | | | |
| | | | | | | | | | | | | |
| | : STORM WAT | | | | | | | | | | | |
| | - | | - | QUIREMENTS | | | IU ⊠NA ⊡NE | | | | | |
| | - | - | | under ARR000 | <u>153</u> | | | | | | | |
| | DATED AS NEEDED: | | | | | | | | | | | |
| | NCLUDING ALL DISCH | | CE WATERS: | | | | | | | | | |
| | | | | | | | | | | | | |
| 4. POLLUTION | | | | | | | | | | | | |
| 5. LIST OF PC | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | TORM WATER DISCH | ARGES ARE AUTHOR | IZED: | | | | | | | | | |
| | RUCTURAL BMPS: | | | | | | | | | | | |
| | ON-STRUCTURAL BMF | | | | | | | | | | | |
| | PERLY OPERATED AI | | | | | | | | | | | |
| 11. INSPECTIC | ONS CONDUCTED AS | REQUIRED: | | | | ΔY | | | | | | |
| | | | | | | | | | | | | |

DMR Calculation Check

| Reporting Period: | From | 2016 Year | 7 Month | 1 Day | _ To _ | 2016 Year | 7 Month | <u>31</u> Day | | | |
|--------------------|------|--------------|------------|----------|---------------|--------------|------------|------------------|--|--|--|
| Parameter Checked: | | CBOD | - | | | | | | | | |
| | | Loading | | | Concentration | | | | | | |
| | | Mass | | | Monthly | | | | | | |
| | Mo. | Avg Ibs/d | lay | Mo. A | vg r | ng/l | 7-day Avg | mg/l | | | |
| Reported Value: | | 4.0* | | | 3.7 | | 4.4 | | | | |
| Calculated Value: | | 4.5* | | | 3.7 | | 4.4 | | | | |
| Permit Value: | | 41.7 | | | 10 | | 15 | | | | |

If calculated value does not equal reported value, explain: <u>Error in facility's calculations</u> <u>Corrected DMR submitted – no further action required.</u> **DMR Calculation Check**

| Reporting Period: | From | 2016 Year | 6 Month | 1 Day | _ То | 2016 Year | <u>6</u> Month | <u>30</u> Day | |
|--------------------------|------|------------------------------------|------------|----------|--------------------------|--------------|-------------------|------------------|--|
| Parameter Checked: NH3-N | | - | | | | | | | |
| | | Loading Mass Mo. Avg Ibs/day | | | Concentration Monthly | | | | |
| | Mo. | | | | Vg I | | 7-day Avg mg/l | | |
| Reported Value: | | 0.5 | | | 0.4 | | 0.5 | | |
| Calculated Value: | 0.5 | | | 0.4 | | | 0.5 | | |
| Permit Value: | 16.7 | | | 4 | | | 6 | | |

If calculated value does not equal reported value, explain: Equal