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|  A R K A N S A S Department of Environmental Quality | WATER DIVISION INSPECTION REPORT | | |
| | AFIN: 31-00036 | PERMIT #: AR0021776C | DATE: 7/27/2015 |
| | COUNTY: 31 Howard | PDS #: 086029 | MEDIA: WS |
| | GPS LAT: 33.919938 LONG: -93.861286 LOCATION: Entrance | | |
| FACILITY INFORMATION | | INSPECTION INFORMATION | |
| NAME: City of Nashville WWTP LOCATION: 743 Hwy 27 South CITY: Nashville, AR | | FACILITY TYPE: ***** INSPECTOR ID#: 84022 S - State | |
| RESONSIBLE OFFICIAL NAME: / TITLE Larry Dunaway / Public Works Director COMPANY: City of Nashville MAILING ADDRESS: 426 North Main St CITY, STATE, ZIP: Nashville AR 71852 PHONE & EXT: / FAX: 870-845-4015 / EMAIL: larry19211@gmail.com CONTACTED DURING INSPECTION: Yes | | FACILITY EVALUATION RATING: N | |
| | | INSPECTION TYPE: Compliance Evaluation | |
| | | DATE(S): 7/27/2015 | ENTRY TIME: 09:45 |
| | | EXIT TIME: 15:30 | PERMIT EFFECTIVE DATE: 4/1/2013 |
| | | PERMIT EXPIRATION DATE: | |
| | | FAYETTEVILLE SHALE RELATED: N | |
| | | FAYETTEVILLE SHALE VIOLATIONS: N | |
| INSPECTION PARTICIPANTS | | | |
| NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Larry Dunaway/Public Works Director/(870) 845-4015 Chip Colston/WW Chief Operator/(870) 845-4522 "Mr. Ed" Carlyle, Jr./Pretreatment Coordinator/(870) 557-3143 | | | |
| AREA EVALUATIONS | | | |
| (S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated) | | | |
| N | PERMIT | N | FLOW MEASUREMENT |
| N | RECORDS/REPORTS | N | LABORATORY |
| N | OPERATION & MAINTENANCE | N | EFFLUENT/RECEIVING WATER |
| N | SAMPLING | N | SLUDGE HANDLING/DISPOSAL |
| ** | OTHER: | N | STORMWATER |
| N | | N | FACILITY SITE REVIEW |
| N | | N | SELF-MONITORING PROGRAM |
| N | | N | PRETREATMENT |
| SUMMARY OF FINDINGS | | | |
| The following violations were noted during the inspection: | | | |
| 1.) The treatment plant construction/modification has been completed for over 30 days, and the state permit remains active. This is a violation of Condition 2 of the state permit. The City must retain their consulting engineer and submit a certification verifying the completion of the construction/modification of the treatment plant. | | | |
| 2.) A complete "Operations and Maintenance (O&M) Manual" of the wastewater treatment system developed by the consulting engineer was not available during the inspection. This is a violation of Condition 5 of the state permit. An O&M Manual must be developed for the new plant design. | | | |

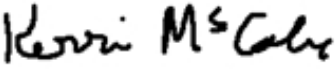

GENERAL COMMENTS

On Mon July 27, 2015 the State-issued WWTP Construction permit was evaluated. The City recently installed new components and converted existing components to the WWTP. The City has been processing wastewater through the new plant around June 1, 2015. City personnel were advised that they needed to terminate the state permit by having their consulting engineer verify the modification through a notarized certification to be submitted to the Department.

Per Condition 9 of the state permit:

Proposed Construction will include conversion of the stabilization pond into an equalization basin with a capacity of approximately 61,350,000 gallons, and installation of the following: two aeration basins with a total of 6 blowers (3 @ 150 hp and 3 @25 hp), two 67' clarifiers, sludge belt press, RAS pump station, WAS pump station, post aeration basin with a 15 hp blower, UV disinfection, and Parshall flume. The two existing aerated lagoons will be aeration basins in the new activated sludge treatment plant. The modified treatment system will have a design flow of 3.5 MGD. The existing treatment plant is two aerated lagoons in parallel, thence into a two-cell stabilization pond, thence into a Dissolved Air Flotation (DAF) unit, followed by chlorination then dechlorination with a design flow of 2.3MGD.

All items mentioned above were observed during the inspection (see photos associated with the NPDES permit AR0021776 inspection), and only the sludge belt press was inactive (accumulating required volume of sludge).

| | | |
|---|------------------|-----------------|
| INSPECTOR'S SIGNATURE:  | Kerri McCabe | DATE: 8/17/2015 |
| SUPERVISOR'S SIGNATURE:  | Jason Bolenbaugh | DATE: 8/21/2015 |

From: [McCabe, Kerri](#)
To: [McConnell, Melissa](#)
Subject: FW: City of Nashville Inspection
Date: Friday, August 28, 2015 8:48:55 AM
Attachments: [image001.png](#)

Melissa,

Please attach this extension to WID 17916 and 17918. I have updated Tracker. Thank you.

Kerri McCabe

Inspector Supervisor
ADEQ – Water Division
Field Services – Inspection Branch

Office – (501) 682-0642
Work Cell – (501) 352-5641
Fax – (501) 682-0880
5301 Northshore Drive
North Little Rock, AR 72118-5317



From: Larry Dunaway [mailto:larry19211@gmail.com]
Sent: Wednesday, August 26, 2015 2:22 PM
To: McCabe, Kerri
Subject: Re: City of Nashville Inspection

Kerri,

Thank you for working with us on this. The permits branch has been notified. We enjoyed the visit as well.

Thanks,

Larry

On Wed, Aug 26, 2015 at 12:14 PM, McCabe, Kerri <MCCABE@adeq.state.ar.us> wrote:
Mr. Dunaway,

This email confirms that I have granted you a two week extension to respond to my inspection findings. The new response due date is Sept 14, 2015. Thank you for your assistance in this matter. If you need any additional information or guidance, please feel free to contact me. I enjoyed meeting you and the other gentlemen during the inspection.

Please be advised that you may need to contact Permits Branch regarding the chemical addition for algae/TSS control. Thank you.

Kerri McCabe

Inspector Supervisor
ADEQ – Water Division
Field Services – Inspection Branch

Office – [\(501\) 682-0642](tel:5016820642)
Work Cell – [\(501\) 352-5641](tel:5013525641)
Fax – [\(501\) 682-0880](tel:5016820880)
5301 Northshore Drive
North Little Rock, AR 72118-5317



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Larry Dunaway
Public Works Director
City of Nashville
870-845-4015

McCabe, Kerri

From: Larry Dunaway <larry19211@gmail.com>
Sent: Monday, September 14, 2015 11:31 AM
To: McCabe, Kerri
Subject: Fwd: WWTP
Attachments: scan0026.pdf

----- Forwarded message -----

From: **Trey Foster** <tfoster@ce-associates.biz>
Date: Mon, Sep 14, 2015 at 10:04 AM
Subject: WWTP
To: Larry Dunaway <larry19211@gmail.com>

Larry,

Attached are letters from Jeremy for the WWTP & ADEQ. I am forwarding the letter to ADEQ to them now.

Trey Foster, P.E.

Project Manager

Civil Engineering Associates, LLC

Conway Office

Physical Address: 515 Oak Street, Suite D, Conway, AR 72032

Mailing Address: P.O. Box 2604, Conway, AR 72033

Office No.: [\(501\) 504-2455](tel:5015042455)

Fax No.: [\(501\) 504-2457](tel:5015042457)

Mobile No.: [\(501\) 944-5480](tel:5019445480)

tfoster@ce-associates.biz

Corporate Office

Physical/Mailing Address: 2114 East Matthews, Jonesboro, AR 72401

Office No.: [\(870\) 972-5316](tel:8709725316)

Fax No.: [\(870\) 932-0432](tel:8709320432)

These are the letters that you wanted. The letter to Loretta has been sent to her.

Thanks

--
Larry Dunaway
Public Works Director
City of Nashville
870-845-4015



515 Oak Street
Conway, AR 72032
501-504-2455
Fax 501-504-2457

September 10, 2015

Mr. Larry Dunaway
City of Nashville
426 N. Main Street
Nashville, AR 71852

Re: WWTP Operation Manual

Dear Mr. Dunaway:

We are in receipt of your request for Civil Engineering Associates, LLC to complete the standard operating procedure manual for the wastewater plant. This manual will include information from different vendors for the pieces of equipment with operation items for daily, monthly, and yearly requirements. We are in the process of contacting all vendors and contractors to provide the necessary information on the equipment to our office. It is anticipated this manual can be presented to your staff for a preliminary review within 45 days. It is anticipated after comments are received, the manual will be revised for within two weeks for your use.

If you have any further questions, please call.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeremy Stone", is written over a horizontal line.

Jeremy Stone



515 Oak Street
Conway, AR 72032
501-504-2455
Fax 501-504-2457

September 12, 2015

Mr. Larry Dunaway
City of Nashville
426 N. Main Street
Nashville, AR 71852

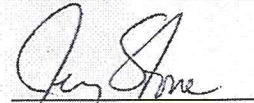
Re: WWTP
AR0021776

Dear Mr. Dunaway:

We have received the as-builts from the contractor and are completing the final markups. We will forward the copy provided by the contractor for your use while the final electronic copies are redrawn. We are noting the chemical feed points in the drawings. These locations were not known when the project was first started.

If you have any further questions, please call.

Sincerely,



Jeremy Stone



515 Oak Street
Conway, AR 72032
501-504-2455
Fax 501-504-2457

September 12, 2015

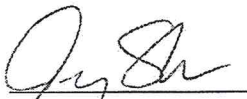
Mrs. Loretta Reiber
ADEQ
Water Division
5301 Northshore Drive
North Little Rock, AR 72118

Re: WWTP
AR0021776C

Dear Mrs. Reiber:

The facility is using the existing facility. The facility was constructed according to the plans and specifications. The construction permit is no longer required. If you have any questions, please let me know.

Sincerely,


Jeremy Stone

ADEQ

ARKANSAS
Department of Environmental Quality

September 18, 2015

Larry Dunaway, Public Works Director
City of Nashville
426 North Main St
Nashville, AR 71852

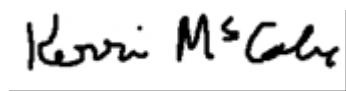
RE: City of Nashville WWTP Inspections (Howard Co)
AFIN: 31-00036 **Permit No.: AR0021776**
AR0021776C

Dear Mr. Dunaway:

I have reviewed the responses pertaining to my July 27, 2015 inspections of the City of Nashville WWTP. The information provided sufficiently addresses the violations referenced in my inspection report. At this time, the Department has no further comment concerning this particular inspection. Acceptance of this response by the Department does not preclude any future enforcement action deemed necessary at this site or any other site.

If we need further information concerning this matter, we will contact you. Thank you for your attention to this matter. Should you have any questions, feel free to contact me at (501) 682-0642 or you may e-mail me at mccabe@adeq.state.ar.us.

Sincerely,



Kerri McCabe
Inspector Supervisor
Water Division