



June 20, 2017

Carrie McWilliams, P.E.
Engineering Supervisor
Water Division
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

Re: Beaver Water District NPDES Permit No. ARG640118
Construction Permit for Additional Outfall
Notice of Intent for Additional Outfall

Dear Ms. McWilliams:

Beaver Water District (BWD) plans to add a Chlorine Dioxide Monitoring Station to its water treatment facility. I understand that Larry Lloyd, BWD's Chief Operating Officer, and Colene Gaston, BWD's Staff Attorney, have discussed this matter with you and Dr. Solaimanian. An existing, currently unused building on the BWD property will house three chlorine dioxide analyzers and two detention tanks. The detention tanks will provide a greater than 24-hour retention time for the small stream of water that will go through the analyzers after having been pumped from BWD's three raw water pipelines.

BWD's existing NPDES General Permit ARG640118 has one Outfall Type 103 (daily average waste discharge flow greater than 1 million gallons per day (MGD)). The following enclosed application and related documents are to add to our NPDES General Permit ARG640118 an Outfall Type 101 (daily average waste discharge flow less than or equal to 0.5 MGD) for the discharge from the chlorine dioxide analyzers:

1. NPDES Permit Application Form 1 for a Construction Permit;
2. Attachments 1- 12 to Form 1 (Attachments 2 – 12 to Form 1 are not applicable);
3. Chlorine Dioxide Monitoring Station Plan with Specifications;
4. Chlorine Dioxide Monitoring Station Site Plan;
5. Aerial photo with streets and location of Chlorine Dioxide Monitoring Station labeled. BWD contiguous property, which includes Chlorine Dioxide Monitoring Station, is outlined in yellow;
6. FEMA Map; and
7. ARG640000 Notice of Intent (NOI).

Also enclosed are check number 6724, in the amount of five hundred dollars (\$500), for the Construction Permit, and check number 6726, in the amount of four hundred dollars (\$400), for the NOI to add the additional outfall to BWD's existing NPDES General Permit ARG640118.

Because the forms were not designed for adding an outfall under a NPDES General Permit, we provided information only about the proposed additional outfall in order to avoid confusion.

Beaver Water District NPDES Permit No. ARG640118
Construction Permit and NOI for Additional Outfall
June 20, 2017
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ADEQ has previously received completed applications and other required documents for our existing Outfall 103 and related treatment system. In addition, because editing was restricted on some of the forms, we have made handwritten notes where necessary for clarification.

Larry Lloyd has signed the forms as the Responsible Official and James McCarty, BWD's Manager of Environmental Quality, has signed the forms as the Cognizant Official (for the purpose of Discharge Monitoring Reports). I, however, am overseeing the Chlorine Dioxide Monitoring Station project. It would be best if any questions related to the enclosed documents are referred to me.

Thank you for your assistance.

Sincerely,

A handwritten signature in black ink that reads "Bill HagenBurger". The signature is written in a cursive style with a long, sweeping underline.

Bill HagenBurger, P.E.
Plant Engineer

Copy of cover letter only via e-mail to:

Carrie McWilliams (mcwilliamsc2@adeq.state.ar.us)
Jamal Solaimanian (jamal@adeq.state.ar.us)
Larry Lloyd (llloyd@bwdh2o.org)
James McCarty (jmccarty@bwdh2o.org)
Colene Gaston (cgaston@bwdh2o.org)

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY
NOTICE OF INTENT
WASTEWATER DISCHARGE FROM WATER TREATMENT PLANTS
NPDES GENERAL PERMIT ARG640000

Application Type: Adding Second Outfall to Existing Permit
Permit # ARG640118 AFIN# 04-00178

I. PERMITTEE/OPERATOR INFORMATION

Permittee (Legal Name): Beaver Water District Operator Type:
Permittee Mailing Address: 301 N. Primrose Rd. State* Partnership
Permittee City: Lowell Federal Corporation
Permittee State: Arkansas Zip: 72745 Sole Proprietorship/Private
Permittee Telephone Number: 479-756-3651 * Beaver Water District is a Regional
Permittee Fax Number: 479-751-4356 Water Distribution District established
Permittee E-mail Address: lloyd@bwdh2o.org pursuant to Arkansas Act 114 of 1957

II. INVOICE MAILING INFORMATION

Invoice Contact Person: Accounts Payable City: Lowell
Invoice Mailing Company: Beaver Water District State: AR Zip: 72745
Invoice Mailing Address: PO Box 400 Telephone: 479-756-3651

III. FACILITY INFORMATION for Water Treatment Plant

Facility Name: Beaver Water District Facility Contact Person: William C. HagenBurger
Facility Address: 301 N. Primrose Rd. Contact Title: Plant Engineer
Facility County: Benton Telephone Number: 479-756-3651
Facility City, State & Zip: Lowell, AR 72745 Contact E-mail: bhagenburger@bwdh2o.org
Facility SIC Code: 4941 Facility NAICS Code: 22131 Type of Business: Water Treatment Plant
Facility Latitude at Front Gate: 36 Deg., 15 Min., 12.39 Sec. Facility Longitude at Front Gate: 94 Deg., 06 Min., 19.74 Sec.
Accuracy: 10 meters Method: GPS Datum: WGS84 Scale: NA Description: Water Treatment Plant Front Gate
Section: _____ Township: _____ Range: _____

IV. DISCHARGE INFORMATION for Additional Outfall

Additional Outfall Type: 101 Flow: 380 Gallons per Day (GPD)
Stream Segment: 4K Hydrologic Basin Code: 11010001
Additional Outfall Latitude: 36 Deg., 15 Min., 14.28 Sec. Additional Outfall Longitude: 94 Deg., 04 Min., 31.38 Sec.
Accuracy: 10 meters Method: GPS Datum: WGS84 Scale: NA Description: Outfall Chlorine Dioxide Monitoring Station
Type of Treatment: Greater than 24-hour retention time
Receiving Stream: Unnamed tributary to Beaver Lake to White River
Water Source: Surface water
Are aluminum-based coagulants used? Not in process flow to Outfall 101
Is chlorinated water used for filter backwash? There is no filter backwash in process flow to Outfall 101. Chlorine and chlorine dioxide are added in process flow to Outfall 101 at distances from Outfall 101 and in doses shown on enclosed Chlorine Dioxide Monitoring Station Plan.
Do the ponds have a retention time > 24 hours? There are no ponds, but there are two detention tanks with greater than 24-hour combined retention time.

WATER DIVISION
5301 NORTHSHORE DRIVE / NORTH LITTLE ROCK, ARKANSAS 72118
PHONE 501-682-0623 / FAX 501-682-0880
www.adeg.state.ar.us

V. FACILITY PERMIT INFORMATION

NPDES Individual Permit Number (If Applicable): NA
NPDES General Permit Number (If Applicable): ARG 640118
State Construction Permit Number(If Applicable): Pending Application for Additional Outfall
101 and Chlorine Dioxide Monitoring Station
NPDES General Construction Stormwater Permit Number (If Applicable): NA

VI. OTHER INFORMATION:

Treatment System Operator Name: Jesse Burch License Number: 011923
License Class: Basic Advanced 1 2 3 4
Additional Location Information: None
Additional Comments: See cover letter
Consultant Contact Name: None
Consultant Email Address: None
Consultant Address: None City: _____
State: _____ Zip: _____
Consultant Phone Number: None Consultant Fax Number: _____

Disclosure Statements:

Arkansas Code Annotated Section 8-1-106 requires that all applicants for the issuance or transfer of any permit, license, certification or operational authority issued by the Arkansas Department of Environmental Quality (ADEQ) file a disclosure statement with their applications. The filing of a disclosure statement is mandatory. No application can be considered complete without one. You must submit a new disclosure statement even if you have one on file with the Department. The form may be obtained from ADEQ web site at: http://www.adeg.state.ar.us/disclosure_stmt.pdf.

VII. CERTIFICATION OF OPERATOR

NA (Initial) "I certify that, if this facility is a corporation, it is registered with the Secretary of the State of Arkansas."

LSL (Initial) "I certify that the cognizant official designated in this Application is qualified to act as a duly authorized representative under the provisions of 40 CFR 122.22(b). If no cognizant official has been designated, I understand that the Department will accept reports signed only by the Applicant."

LSL (Initial) "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Responsible Official Printed Name: Larry S. Lloyd Title: Chief Operating Officer
Responsible Official Signature: *Larry S. Lloyd* Date: June 19, 2017
Responsible Official Email: llloyd@bwdh2o.org

Cognizant Official Printed Name: James McCarty Title: Mgr. of Environmental Quality
Cognizant Official Signature: *James McCarty* Date: June 20, 2017
Cognizant Official Email: jmccarty@bwdh2o.org Telephone: 479-756-3651

X. PERMIT REQUIREMENT VERIFICATION

Please check the following to verify completion of permit requirements.

Yes No * If No is answered for any of the questions, then a permit can not be issued!

Submittal of Complete NOI? X

Submittal of Required Permit Fee? X

Check Number: 6726

Submittal of Site Map? X

Submittal of Disclosure Statement? NA

Beaver Water District is a Regional Water Distribution District established pursuant to Arkansas Act 114 of 1957

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