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LRW Operations Division Receipt of Hand Delivered Mail

Date: May 5, 2017

To: Arkansas Department of Environmental Quality
Water Division, Enforcement Administrator

From: Walter B. Collins, P.E.
Director of Operations and Facilities

Regarding: Adams Field Wastewater Treatment Plant
Wet Weather Peak Flow Blending
NPDES Permit No. AR0021806 AFIN: 60-00409

On behalf of the Arkansas Department of Environmental Quality (ADEQ), I hereby acknowledge receipt of the letter dated May 4, 2017 from Walter Collins of Little Rock Wastewater addressed to ADEQ - NPDES Branch referencing the wet weather peak flow blending for permit AR0021806.

Accepted By:
 Picked Up By:

Carla J. Boham
Arkansas Department of Environmental Quality

5/5/17
Date

Delivered By:
 Picked Up By:

Walter B. Collins
Little Rock Wastewater

5/5/17
Date



11 Clearwater Drive
Phone: 501-376-2903
Fax: 501-688-1409

Little Rock, Arkansas 72204
Toll Free: 1-800-880-2903
www.lrwu.com

May 4, 2017

Mr. Richard Healey
Enforcement Branch Manager
Arkansas Department of Environment Quality
5301 N. Shore Drive
North Little Rock, AR 72118

RE: Adams Field Wastewater Treatment Facility
Wet Weather Peak Flow Blending
NPDES Permit No. AR0021806 AFIN: 60-00409

Dear Mr. Healey:

The City of Little Rock received rainfall accumulations ranging between 3.92 inches to 5.93 inches across the twelve dedicated Little Rock Wastewater rain gauge stations during the event that occurred April 29th through April 30th. As a result, significant increases in collection system flows were experienced. Instantaneous peak influent flow rates prior to the blending reached as high as 91.58 MGD as the 13 MG on-site storage was filled. After the storage capacity at the Adams Field Equalization Basin and the off-site Peak Flow Attenuation Basin (30 MG) was exhausted, the diversion of wet weather flow around secondary treatment components was necessary.

Wet weather flows diverted around the secondary system (expressed as daily totals) are indicated in the following table:

<u>Flow Date</u>	<u>NPDES Effluent Flow*</u>	<u>Diverted Volume**</u>
4/30/2017	65.51 MGD	9.31 MG
5/01/2017	57.66 MGD	12.60 MG

* 24-hour period is 8:00 a.m. to 8:00 a.m. to match composite sample collection period

** 24-hour period is midnight to midnight

The flow diversion did not result in any effluent water quality violations with the total effluent flow receiving UV disinfection and PAA supplemental disinfection prior to discharge. LRW does not foresee any difficulties meeting the weekly or monthly permit limitations for April or May as a result of this flow diversion.

Should you have any questions concerning this notification, please give me a call at 501-688-1429 or by e-mail at walter.collins@lrwu.com.

Sincerely,

LITTLE ROCK WASTEWATER



Walter B. Collins, P.E.
Director of Operations and Facilities

Cc: Greg Ramon, CEO
Howell Anderson, P.E., COO
Stanley Suel, Director of Environmental Assessment Department