



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

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

Mar 2, 2018

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

RE: Adams Field Water Reclamation 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 7.23 inches to 12.35 inches across the twelve dedicated Little Rock Water Reclamation Authority's rain gauge stations during the event that occurred February 20th through February 24th. As a result, significant increases in collection system flows were experienced. Instantaneous peak influent flow rates prior to the blending reached as high as 83.90 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 Flow*</u>	<u>Diverted Volume**</u>
2/21/2018	76.30 MG	.55 MG
2/22/2018	69.30 MG	14.92 MG
2/23/2018	68.24 MG	17.96 MG
2/24/2018	69.50 MG	17.12 MG
2/25/2018	60.56 MG	11.32 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. LRWRA does not foresee any difficulties meeting the weekly or monthly permit limitations for February 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@lrwra.com.

Sincerely,

LITTLE ROCK WATER RECLAMATION AUTHORITY



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

Cc: Greg Ramon, CEO
Howell Anderson, P.E., COO
Susan Ledbetter, Interim Director of Environmental Assessment Department
Jean Block, Chief Legal Officer