



MENA WATER UTILITIES

701 MENA STREET ~ MENA, ARKANSAS ~ 71953
PH (479) 394-2761 ~ FAX (479) 394-5053

February 09, 2015

Mr. Shane Byrum,

RE: Effluent Copper Analysis from the Mena Wastewater Treatment Plant

Dear Mr. Byrum,

For the past three (3) years Mena's effluent copper levels have been consistently below the required 10.5 ug/l. In 2013 Mena's discharge copper levels averaged 3.5 times lower than the required level of 10.5 ug/l and in 2013 our average discharge level was 2.80 times lower than our required level. Mena has achieved an **11.05% decrease in discharge Cu levels** from 2013 to 2014.

Last twelve month Cu results are as follows: Jan 2015 3.1 ug/l, Feb 2015 2.7 ug/l, Dec 2014 3.8 ug/l, Nov 2014 2.7 ug/l, Oct 2014 3.9 ug/l, Sept 2014 2.7 ug/l, Aug 2014 2.0 ug/l, Jul 2014 4.1 ug/l, June 2014 3.2 ug/l, May 2014 .10 ug/l, Apr 2014 2.4 ug/l, Mar 2014 2.7 ug/l. All CU testing is been at certified lab (American Interplex) for last 3 years.

Mena's success at controlling copper discharge is largely due to our DynaSand ® tertiary treatment process used at the end of our wastewater treatment system. In combination with water distribution corrosion controls, our DynaSand® Filter enables us to consistently discharge copper levels of less than 4.5 ug/l.

Copper levels at Mena's current discharge concentrations will continue to promote the health of Prairie Creek. Low and compliant copper discharge levels from the City of Mena are helping us maintain the chemical, physical, and biological integrity of Prairie Creek and will continue to ensure compliance with applicable water quality requirements in a long term and sustained manner.

Here in Mena we are committed to achieving excellent water quality from our plant and with your help in this way we can continue to meet our permit limits. We feel the twenty-two (22) permit compliant samples taken since March 2012 justifies the lightening of our current monthly sampling requirements for copper to a annual (1x/year) sampling requirement.

Thank you for your consideration.

Sincerely,

Mike Spencer, Wastewater Superintendent