

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

Jason Stroh,	)	
	)	
Complainant,	)	
	)	
v.	)	File No. WC-2016-0201
	)	
Missouri-American Water Company,	)	
	)	
Respondent.	)	

STATUS REPORT

COMES NOW the Respondent, Missouri-American Water Company (“MAWC”), pursuant to the *Notice of Small Complaint and Order Directing Staff to Investigate and File a Report*, issued herein on February 3, 2016, and the *Order Setting Deadline for Filing Report* issued June 7, 2016, and respectfully states as follows to the Missouri Public Service Commission (“Commission”):

1. MAWC continues to take steps to decrease the potential for calcium scaling in its Parkville Service Area. As part of these efforts, the plant has introduced a new chemical treatment step which introduces carbon dioxide to the water after it is treated. Carbon dioxide results in the creation of carbonic acid, which in turn reduces the pH of the water. The new CO2 unit, pictured on the attached Exhibit A, was placed in service on May 24, 2016.

2. The goal of installing a new CO2 system is to lower the Calcium Carbonate Precipitation Potential (“CCPP”) down to a range of 4-10 mg/l, from a starting point of 42.6 mg/l. The plant is currently at 17.7 mg/l. Reducing that number lowers the potential for Calcium Carbonate Precipitation in the distribution system.

3. It has been a little over two months since the new process has been in service. MAWC believes that it could take up to six months to adequately study the effect this treatment will have on calcium. The pH levels of the plant are as follows:

Week	Effluent pH	Clarifier pH
6/6/16 - 6/12/16	9.1	9.6
6/13/16 - 6/19/16	9.1	9.6
6/20/16 - 7/3/16	9.2	9.7
7/4/16 - 7/10/16	9.1	9.5
7/11/16 - 7/17/16	9.2	9.6
7/17/16 - 7/24/16	9.2	9.8
7/25/16 - 8/1/16	9.4	9.8

4. MAWC communicates developments in its Parkville District via social media and direct mailing postcards to customers' homes.

5. This fall, when peak water demand goes down, MAWC plans on flushing parts of the distribution system. MAWC will continue its efforts to address calcium scaling in its Parkville Service area and keep the Commission Staff advised of all significant developments.

Respectfully submitted,

BRYDON, SWEARENGEN & ENGLAND P.C.

By:

/s/ Diana C. Carter
Dean L. Cooper #36592
Diana C. Carter #50527
312 E. Capitol Avenue
P. O. Box 456
Jefferson City, MO 65102
(573) 635-7166
(573) 635-3847 facsimile
dcooper@brydonlaw.com
dcarter@brydonlaw.com

ATTORNEYS FOR MISSOURI-AMERICAN
WATER COMPANY

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing document has been sent by electronic mail on this 5th day of August, 2016, to the Commission Staff, the Office of the Public Counsel, and the Complainant (jasonstrohm@me.com).

_____/s/ Diana C. Carter

Exhibit A

