



Cardinal Plant  
306 County Road 7E  
Brilliant, OH 43913

**June 8, 2017**

**Ohio Environmental Protection Agency  
2195 Front Street  
Logan, OH 43138  
Attn: Eric Hart**

**Re: Lead Mapping**

Dear Mr. Hart:

Following is the information you had requested for the composition of the drinking water lines.

The water service line material for each PWS at Cardinal is listed below.

Cardinal Operating Company 1 & 2 PWS O H4130912 the material for the well water lines is AEP piping specification P-1. The material for service lines is Type K copper tubing and seamless copper pipe. The pipe joints are soft solder with 95-5 tin-antimony soft solder.

Cardinal Operating Company 3, PWS O H4130812 the material for the well water lines is cast iron. The material for service lines are 3 inch or larger pipe is cast iron and 2.5 inch or below is Type K copper tubing conform to AWWA C-600.

Drawings referenced are 4110, 4212, and 4198. The drawings are attached to the email along with this letter.

Sincerely,

Melissa Myers  
Senior Plant Chemist

"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 who manage the system, or those 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 a fine and imprisonment for knowing violations."

Enclosure(s)

C: File  
Chuck George – Plant Manager

