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Meeting Date: June 26, 2019

Staff Contact: Mark Kelly, Compliance Division Manager

**TITLE: OB-19-13 – Water Quality Update Regarding New Mexico Environment Department and Albuquerque Public Schools**

**BACKGROUND:**

Albuquerque Public Schools (APS) has participated in a voluntary sampling program funded by the New Mexico Environment Department (NMED) to test for Lead in elementary schools. Several results from inside of schools have been found at levels above the EPA action level of 15 parts per billion. The Water Authority coordinated with NMED and APS and took samples of the water in distribution at the schools. We also provided sample bottles to APS to complete the list of elementary schools.

**SUMMARY:**

The water supply is safe to drink and meets all EPA standards. The water samples that were taken at the schools were all well below the EPA standards. With respect to monitoring for lead, the Water Authority goes beyond EPA requirements to test for Lead including the following:

- Quarterly distribution sampling
- Voluntary household program
- Additional distribution sampling – NMED/APS program

None of the voluntary or Safe Drinking Water Act mandated testing has shown levels above the EPA action level. The high levels of Lead found by APS are due to internal fixtures, not due to the water supplied by the Water Authority as shown by our separate sampling program completed for the schools.

**FISCAL IMPACT:**

None



Albuquerque Bernalillo County  
Water Utility Authority

# Water Quality Update Regarding NMED/APS

**June 26, 2019**

**MARK KELLY, P.E.**  
COMPLIANCE DIVISION  
MANAGER

# Lead Testing

Water  
Supply  
is Safe  
to  
Drink

- Safe Drinking Water Act Required Testing
- Distribution System Monitoring
- Customer Monitoring
- Monitoring Coordinated with APS

# Safe Drinking Water Act Required Testing

## In Customers Homes

- Customers Take Samples
- First Flush- 6 hr wait time

## Most Susceptible Homes

- Constructed between 1983 - 1986

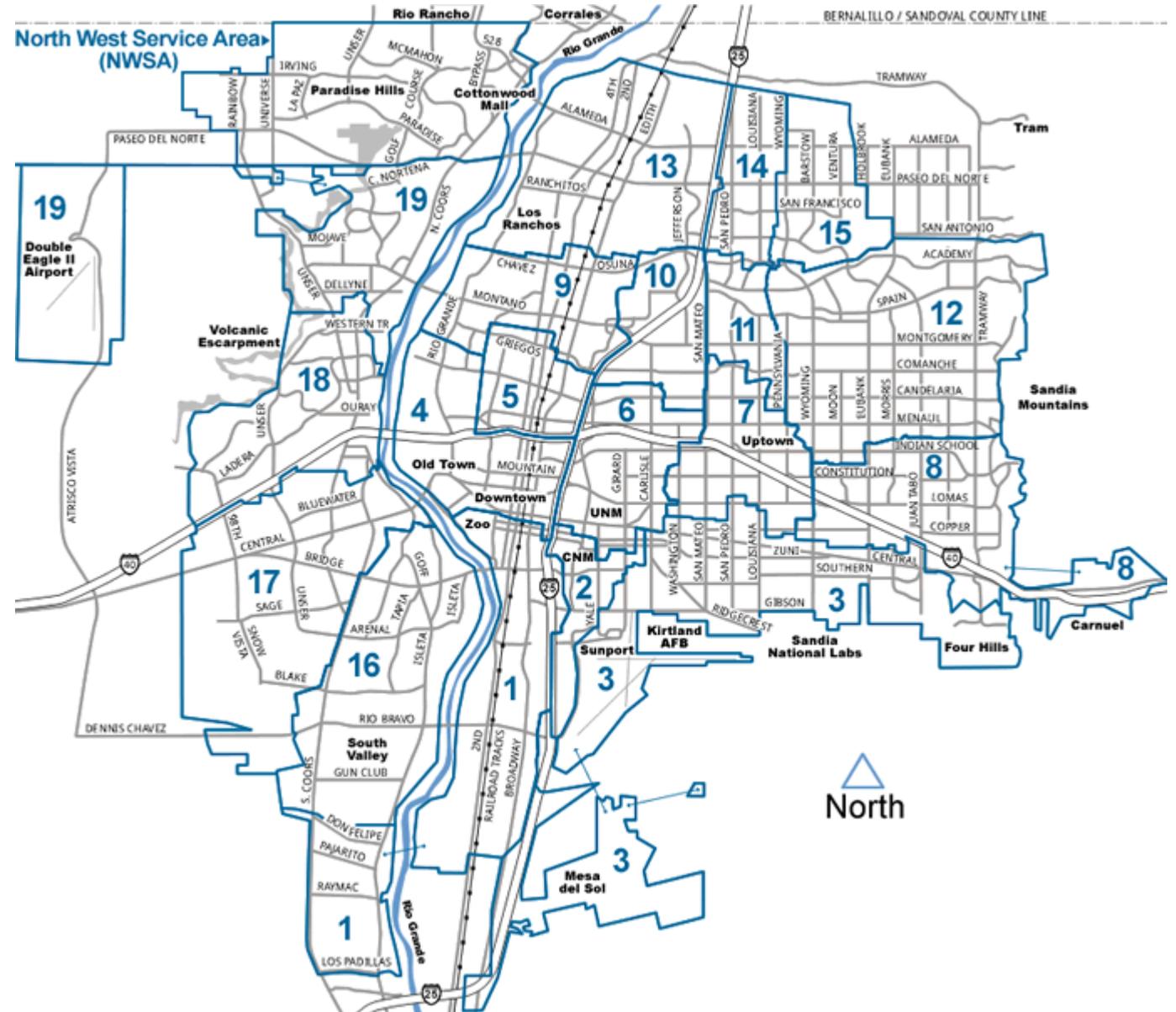
## 50 Homes Tested

- 90<sup>th</sup> Percentile = 1 ppb
- Max = 3 ppb

## No Violations for Lead Compliance

- All Results are Low in Lead
- Action Level = 15 ppb at 90<sup>th</sup> Percentile

# Distribution System Monitoring



### RESULTS OF 2018 CUSTOMER-REQUESTED TESTING (41 SAMPLES)

SUBSTANCE	Minimum	Maximum	90th Percentile	Action Level
<b>Pb</b> Lead	Zero PPB	12.3 PPB	0.8 PPB	15 PPB
<b>Cu</b> Copper	Zero PPM	0.4 PPM	0.2 PPM	1.3 PPM

# Voluntary Lead Sampling Program Results

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# Customer Requested Sampling



## Online

- [www.abcwua.org/lead-survey](http://www.abcwua.org/lead-survey)



## Email

- [waterquality@abcwua.org](mailto:waterquality@abcwua.org)



## Water Quality Information Line

- 289-3653

# Monitoring Coordinated with APS

The Water Supply is Safe  
to Drink

Testing Close  
to Schools

Lead Levels  
Very Low in  
Water Supply

Issue is  
Internal  
Fixtures