

2017 Republic Lead Results- Individual Filters

NAAQS = 0.15 $\mu\text{g}/\text{m}^3$ (3-month average)

June 2017 - March 2018
3-Month Rolling Average
Meets Standard

Units – $\mu\text{g}/\text{m}^3$							
Jun-Aug	Jul-Sept	Aug-Oct	Sept-Nov	Oct-Dec	Nov-Jan	Dec-Feb	Jan-Mar
0.12	0.08	0.05	0.08	0.07	0.06	0.02	0.05

2017 Republic Lead Results- Composite Filters

NAAQS = 0.15 $\mu\text{g}/\text{m}^3$ (3-month average)

June 2017 - March 2018
3-Month Rolling Average
Meets Standard

Units – $\mu\text{g}/\text{m}^3$							
Jun-Aug	Jul-Sept	Aug-Oct	Sept-Nov	Oct-Dec	Nov-Jan	Dec-Feb	Jan-Mar
0.10	0.08	0.05	0.08	0.07	0.07	0.02	0.04

2017 Republic PM10 Results

NAAQS = 150 $\mu\text{g}/\text{m}^3$ (24-hour average)

December 2017 - March 2018

Highest 24-hour Average per Month
Meets Standard

Units – $\mu\text{g}/\text{m}^3$			
Dec	Jan	Feb	Mar
22.0	16.6	44.1	50.1

2017 Republic PM₁₀ Results- Manganese

Federal Guideline = 0.30 $\mu\text{g}/\text{m}^3$ (annual average)

December 2017 - February 2018

Annual Average

(average of time period available excluding less than detectable values)

Meets Standard

Manganese Average = 0.073 $\mu\text{g}/\text{m}^3$

What are the standards set by federal government?

- 🛡️ There is a National Ambient Air Quality Standard (NAAQS) for lead – 0.15 $\mu\text{g}/\text{m}^3$ - 3 month rolling average
- 🛡️ There is a National Ambient Air Quality Standard (NAAQS) for PM₁₀ – 150 $\mu\text{g}/\text{m}^3$ – 24-hour average
- 🛡️ There is a guideline for manganese of 0.3 $\mu\text{g}/\text{m}^3$ PM₁₀, long-term (annual) set by federal government - Agency for Toxic Substances and Disease Registry (ATSDR)