

# Iowa Lead Monitoring Design Value 2023-2025

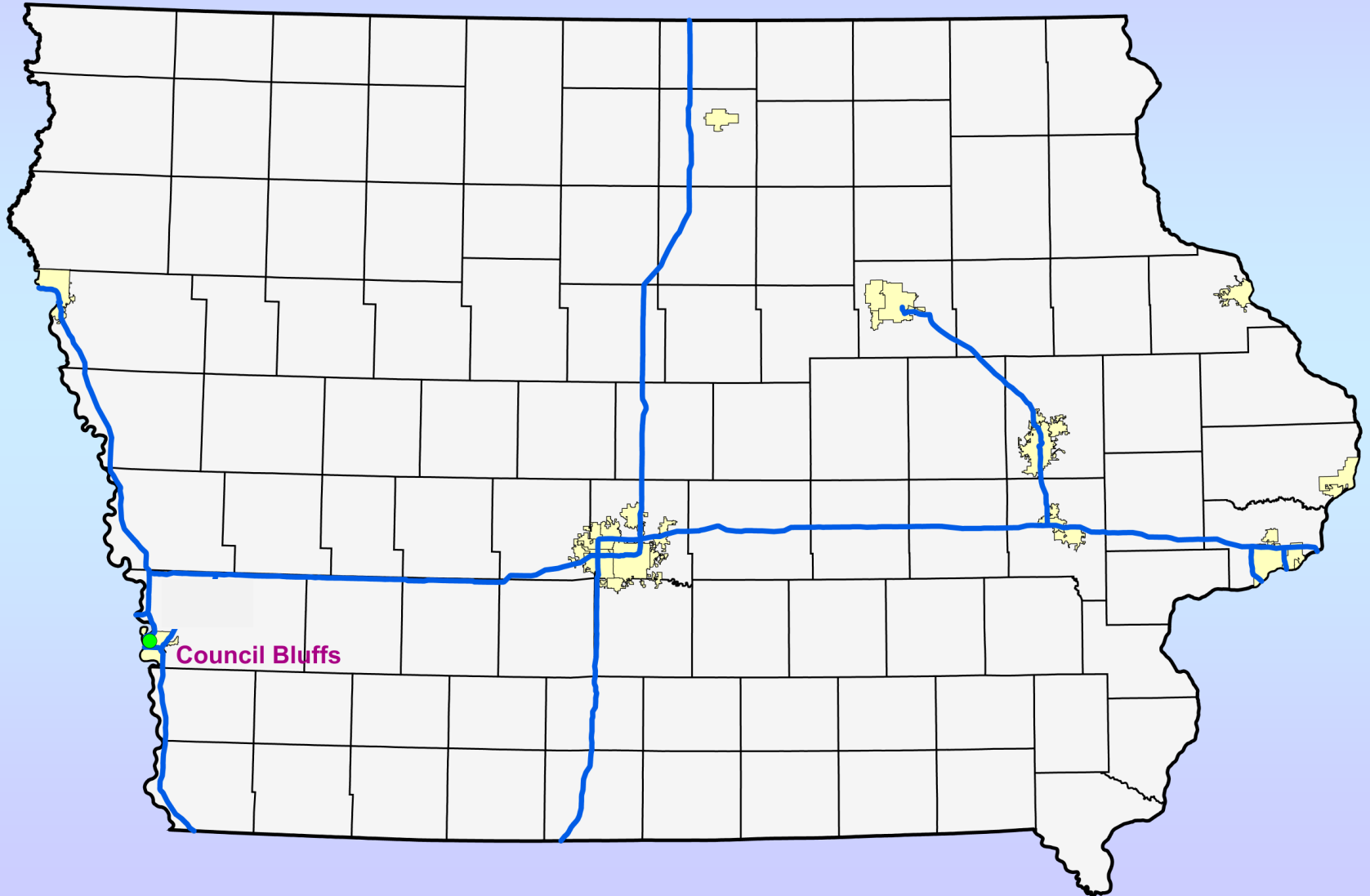
A design value is a tool that can be used to understand pollution levels at a specific location. A design value may be set for any pollutant. The U.S. EPA's official definition is explained this way: "a design value is the mathematically determined pollutant concentration at a particular site that must be reduced to, or maintained at or below the National Ambient Air Quality Standard to assume attainment." The design value number tells us how a particular site or area compares with the National Ambient Air Quality Standards (NAAQS).

Iowa lead monitor location and data is detailed on the following pages. The EPA design value for lead is the highest 3-month rolling average for the most recent three years and must be based on complete data. EPA promulgated new lower lead standards on October 15, 2008. A monitoring site must have a design value less than or equal to  $0.15 \mu\text{g}/\text{m}^3$  to be considered "in attainment" with the lead NAAQS. Additional information on the lead pollution and regulatory actions is available here: <http://www.epa.gov/lead-air-pollution>

## Iowa Lead Monitoring Site (2025)

AQS Site ID	Site Name	Location	County
19-155-0011	Griffin Pipe	Council Bluffs	Pottawattamie

# Iowa Lead Monitor Location



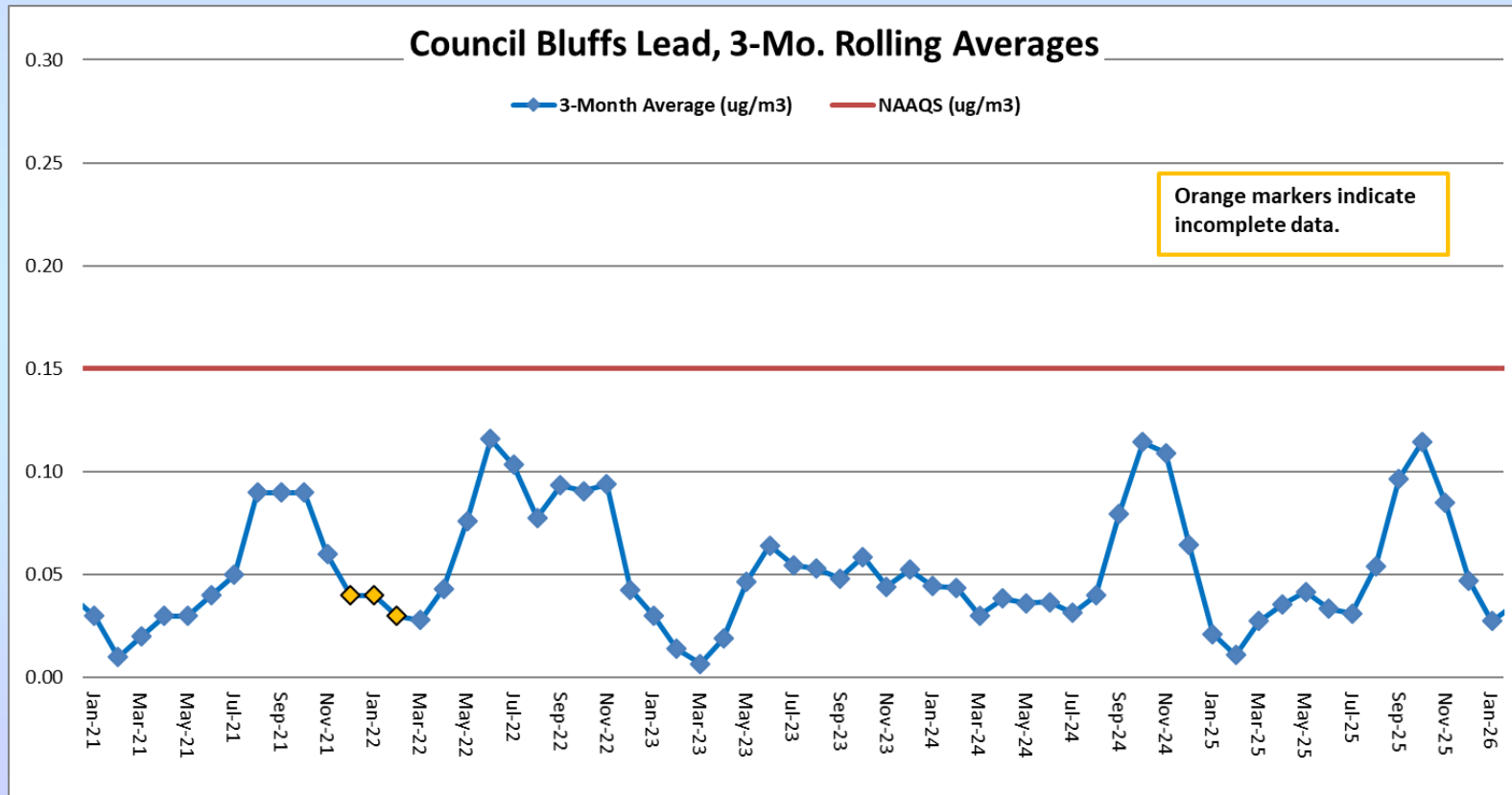
# Lead Design Value

County	City	EPA Site Id	Year	Months Complete	Highest Rolling 3-month Average Concentration ( $\mu\text{g}/\text{m}^3$ )	Design Value (3-year Maximum Rolling Average)
Pottawattamie	Council Bluffs	19-155-0011	2023	12	0.06	
			2024	12	0.11	
			2025	12	0.11	0.11
(Design Values Greater $0.15 \mu\text{g}/\text{m}^3$ Indicate Non-Attainment with the NAAQS)						

**Due to data loss associated with a sampling instrument change there is not enough data to determine the attainment status for lead for the 2019-2021, 2020-2022, 2021-2023 and 2022-2024 Design Value periods.**

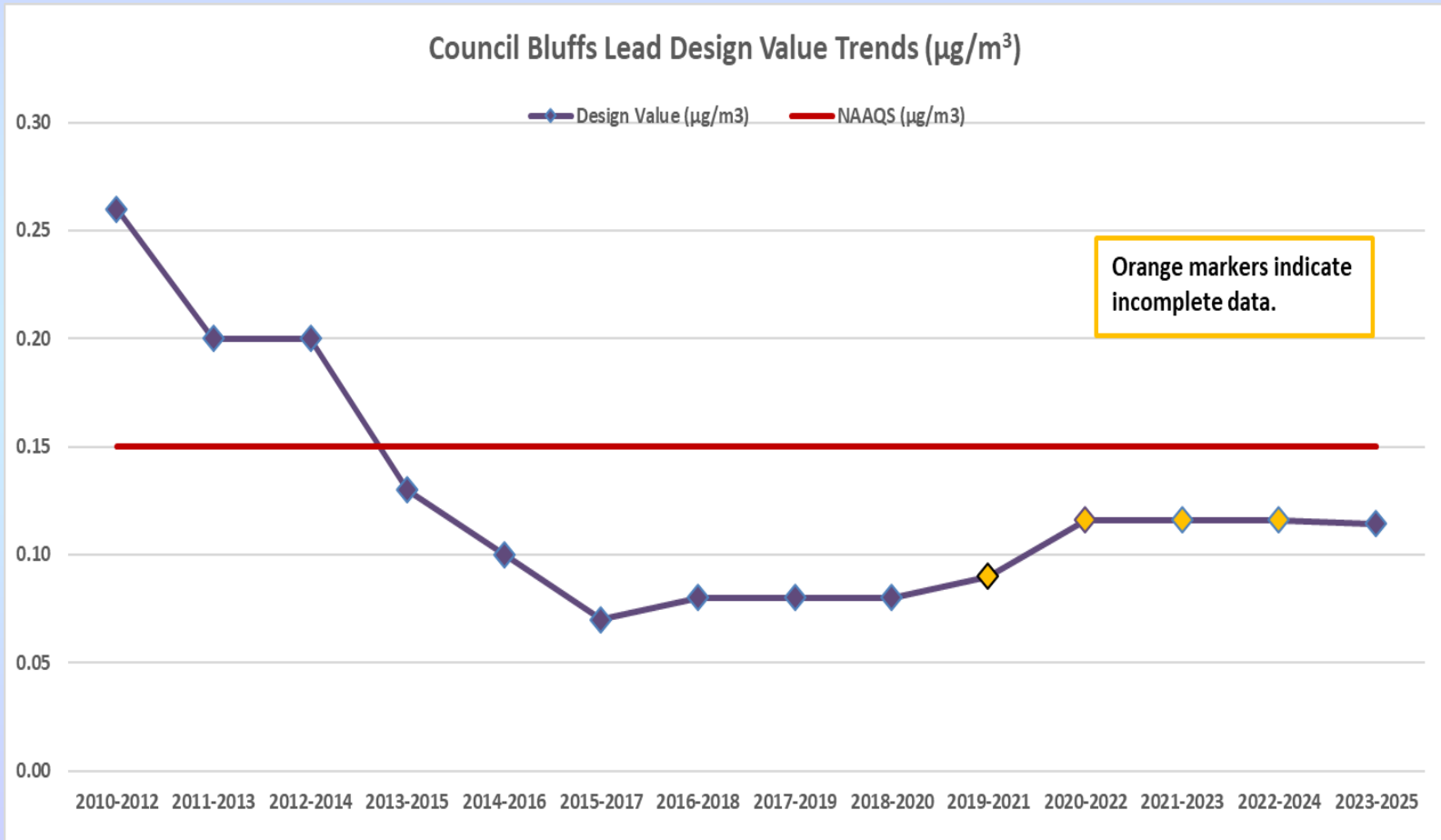
# Council Bluffs Lead, 3-Month Rolling Averages (Concentration in $\mu\text{g}/\text{m}^3$ )

## 3-Month Rolling Averages January, 2021 - January, 2026



# Iowa Lead Design Value Trends 2012-2025

(No Design Value for 2019-2021, 2020-2022, 2021-2023, and 2022-2024)



# Web Resources

## **Iowa Real-time Data Reporting :**

### ***In Polk County:***

<https://www.polkcountyiowa.gov/public-works/air-quality/air-quality-monitoring/current-aqi-real-time-data/>

### ***In Linn County:***

<https://www.linncountyiowa.gov/1429/Air-Quality>

### ***Outside Polk and Linn Counties:***

<https://shl.uiowa.edu/environmental-testing/air-quality>

### ***Design Values for All Pollutants Nationwide:***

<https://www.epa.gov/air-trends/air-quality-design-values>

## **Historical Air Pollution Data for Iowa and Other States:**

<https://www.epa.gov/outdoor-air-quality-data>