

To Whom it may concern:

I am writing to provide a thorough summary and analysis of the Underground Drinking Water Source (UDS) Level 2 Report for the Town of Moffat. This report, prepared by Eurofins Sacramento on September 18, 2024, was commissioned under project number CDPHE_5.024. It evaluates the quality of our municipal water system through detailed testing of our wells, focusing on the detection of per- and polyfluoroalkyl substances (PFAS), a group of synthetic chemicals with known environmental and health implications.

Key Findings from the Report:

1. Testing and Results Summary:

Sample Collection: Samples from Well 4, and Well 7, were collected on September 9, 2024, and analyzed using EPA Method 537(Mod). This method specifically targets PFAS compounds listed in QSM 5.3 Table B-15, ensuring comprehensive detection capabilities.

Detection Results: None of the 29 tested PFAS compounds were detected in any of the samples (ND = Not Detected). This indicates that PFAS levels in the Town's water supply are below method detection limits and do not pose a known risk to public health.

2. Quality Assurance and Accuracy:

The laboratory adhered to stringent quality control protocols. Isotope dilution recoveries, ranging from 91% to 118%, fall within the established acceptance range of 50–150%, verifying the reliability and accuracy of the test results.

Implications of the Testing Data:

1. Public Health Assurance:

The absence of detectable PFAS levels validates that our water supply meets current health-based standards, providing reassurance to the community regarding water safety. This is particularly important given the potential health risks associated with PFAS, such as developmental effects, immune system suppression, and increased cancer risks from prolonged exposure.

2. Regulatory Compliance:

These results affirm that the Town of Moffat is in compliance with the latest state and federal guidelines on drinking water quality, including the Environmental Protection Agency (EPA) and Colorado Department of Public Health and Environment (CDPHE) standards. This proactive compliance helps the Town avoid regulatory penalties or costly remediation measures.

3. Environmental Protection:

The clean results suggest that the aquifers serving Wells 4 and 7 are currently unimpacted by

industrial or agricultural contamination. Maintaining this status will require ongoing diligence in protecting our groundwater from potential pollution sources such as industrial runoff or improper waste disposal.

Recommendations:

1. Establish Routine Monitoring:

To ensure continued compliance and safety, I recommend implementing a routine water testing schedule that includes annual PFAS analysis. This will help the Town proactively address any potential issues as regulatory standards evolve.

2. Safeguard Against Contamination:

Continued efforts to manage and mitigate external contamination risks, such as monitoring nearby industrial activities and enforcing protective measures around water sources, will be critical to preserving our groundwater quality.

3. Public Communication and Transparency:

Sharing these positive results with the community will bolster public confidence in our water infrastructure. Additionally, educating residents about our proactive approach to water safety demonstrates the Town's commitment to their health and well-being.

The UDS Level 2 Report reflects positively on the condition of our water system. However, it also underscores the importance of vigilance and proactive measures to ensure that our water supply remains safe and sustainable for years to come.

Sincerely,



Kurt Yeater

Town Of Moffat Water Operator (ORC)