



Board Agenda

Date: 2/4/2022
To: Board of County Commissioners
Through: Brian D. Bosshardt, County Manager
From: Dr. Timothy Ryan, Public and Environmental Health Director
Subject: Application for Enhanced Air Quality Monitoring for Communities Grant – Environmental Protection Agency

RECOMMENDATION

Staff recommends Board approval of a grant application for the purchase of air quality monitors from the Environmental Protection Agency.

BACKGROUND

Over the years, Clear Creek County has demonstrated a vested interest in monitoring and addressing the ways in which the high volume of traffic that travels along I-70 impacts the air quality in our community. Since 2019, Clear Creek County has had three air quality monitors in operation (two belonging to CCCPEH, and one belonging to CDOT). While the three current monitors have kick-started our ability to monitor air quality, they have certain limitations which have resulted in inconsistent data.

With a new funding stream from the Environmental Protection Agency, we have an opportunity to upgrade our air monitoring capabilities by purchasing regulation-grade air monitors and developing a comprehensive data management and public information system. These high-quality regulation-grade air monitors will allow us to collect more precise and consistent data, which would be used in a variety of ways to benefit the community, including but not limited to: elevating public awareness, informing policy, and shaping future projects to address health outcomes as a result of air quality. As part of this project, we have also established a partnership with the Colorado Department of Transportation, which will allow us to incorporate data from the two additional regulation-grade air monitors that CDOT will be installing as part of the Floyd Hill Expansion Project into our data management and public information system. We will also be partnering with the School District to use the data as an educational tool to elevate air quality awareness in young people and their families.

CONCLUSION

We are seeking the support of the Board to proceed with this application for funding to purchase five regulation-grade air monitors and to hire a consultant to assist with the development of a data management and public information system. We would also like to request that the Board signs a cover letter to be included with our application.

FISCAL IMPACT

This grant has no match requirements. The County would be committing to ongoing maintenance costs once the grant period has ended. Maintenance costs are described in the Budget spreadsheet.

ATTACHMENT:

1. Cover Letter
2. Budget Review
3. Final Narrative