

PUBLIC WORKS-Did you know...?

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CITY OF WOODLAND ENEWSLETTER



...that Woodland Public Works operates a State-certified environmental testing laboratory that performs over 12,000 tests annually for process and regulatory compliance on drinking water, wastewater, and stormwater?

"Public Works- The future is now"

Wastewater Treatment

This lab supports the City's wastewater, drinking water and storm water utilities. The Laboratory Supervisor, two Laboratory Technicians and a Laboratory Intern oversee a variety of testing and reporting programs. The laboratory serves the needs of the wastewater treatment facility and its pretreatment program by performing testing for process control and regulatory compliance. Testing includes general chemistry and biological analyses of wastewater, biosolids, receiving water, groundwater, and other surrounding substances that are products of the wastewater treatment process. We perform over 10,000 tests annually for the wastewater treatment branch.

- Process Control Treatment operators rely on accurate, timely laboratory results from each phase of the treatment process, from raw (untreated) sewage to highly purified final effluent, in order to optimize plant efficiency. In addition to routine process monitoring, the laboratory performs special testing in response to problems or to evaluate modifications to the treatment process.
- Regulatory Compliance The laboratory performs testing to demonstrate compliance with Federal and California state environmental regulations. We also collect samples, provide data review and data validation for additional chemical and biological analyses which are conducted at various commercial laboratories. We prepare monitoring reports for submission to the regional Water Quality Control Board and the US Environmental Protection Agency.

Drinking Water Monitoring

The laboratory supports the City drinking water production and distribution groups by providing dependable, economical sample collection and testing. Laboratory testing includes routine bacteriological and chemical analyses of drinking water from the City's distribution system and production wells. We perform over 2000 tests annually for the City's drinking water program.

Storm Water Monitoring

Beginning this year, in partnership with the Public Works Utilities branch, the laboratory is conducting a baseline monitoring study of the City's storm water system. The data will allow us to assess water quality impacts to local creeks and streams due to storm water runoff and to better manage our system to minimize these impacts.

For more information on the City's environmental laboratory program, please contact us at 406-5115. \wp

