

FY22 ANNUAL WATER REPORT

A BRIEFING OF WATER ACTIVITIES PERFORMED FOR THE:
MUNICIPAL UTILITY DISTRICT NO. 12



Mailing Address:
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“PROTECTING AND PROMOTING THE OPTIMAL HEALTH
AND WELL-BEING OF GALVESTON COUNTY.”



The Galveston County Health District (GCHD) established the Water Pollution and Abatement Control program in 1972. The Water Pollution Services Division is designated with performing water quality monitoring and pollution abatement activities for Galveston County and its contracted political subdivisions, and is supported through the county general fund and contracted political subdivision contributions.

The GCHD and the Municipal Utility District No. 12 (MUD #12) have agreed to contract water pollution control and abatement services. This contract serves to satisfy the requirements found under the Texas Water Code and outlines specific requirements and responsibilities of a water pollution control and abatement program. GCHD's team consists of Program Managers, Senior Environmental Investigators, and Basic Environmental Investigators.

The program effectively and efficiently implemented a comprehensive water pollution control and abatement effort. Objectives of this program can include Ambient Storm Water Monitoring.



OUTREACH



Contact GCHD at 409-938-2251 to schedule an Enviroscope presentation designed for local schools and events.

STORM WATER

During FY 2022, the GCHD monitored three (3) sites within MUD #12. The GCHD reviewed the historical storm water data and analyzed the sampling sites attempting to locate pollution sources. Sampled water bodies include the canals located throughout MUD #12 which directly or indirectly flow into Highland Bayou, Jones Bay, and other waters of the State of Texas.

The bacterial analysis for storm water is compared to the Texas Water Quality Standards. Other parameters are also evaluated, such as Dissolved Oxygen, pH, Chlorine, Biochemical Oxygen Demand, and Ammonia. These laboratory and field tests are used to assist staff in understanding water pollution impacts on the waterway and possible sources of that pollution.

During FY 2022 in MUD #12, bacterial levels at the three (3) sites exceeded the standard for single grab samples 22% of the time. Samples in FY 2021 exceeded the rate 28% of the time and samples in FY 2020 exceeded the rate 0% of the time. Many of these exceedances occurred within three (3) days of a rainfall event. Site BV1, located at the end of Barracuda St, exceeded the limit two (2) times.

