

Texas Commission on Environmental Quality

Office of the Chief Clerk

MC-105, P.O. Box 13087

Austin, Texas 78711-3087

Reviewed By GCW

OCT 17 2024

CHIEF CLERKS OFFICE

2024 OCT 17 AM 9:47

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

Subject: Objection to Proposed Permit No. **WQ0016570001** to Discharge Waste Water into Gapps Slough

My name is Michael H. Stein. I have lived in the Bridlewood Estates subdivision in Richmond, TX for the last 24 years. Our rain water drains into a network of ditches at the front of our properties and drain into Gapps Slough. Unfortunately, the network of drainage ditches was poorly designed and water must flow slightly uphill into Gapps Slough to drain. When we get a heavy rain, Section 1, where I live, gets flooded. Figures 1 and 2 are examples of flooding at my house (front and backyard). Our flooding problem has been studied by Fort Bend County. As a result of the study, much of Section 1 in Bridlewood States was determined to be in a flood prone area. Figure 3 shows numerical model results of the Fort Bend County Gapps Slough drainage study. The flooded area is in agreement with what occurs when we have heavy rains. Unfortunately, Fort Bend County never allocated funds to remedy the problem.



Figure 1. Example Flooding at Front Porch at 10311 Reading Rd, Richmond, TX 77469



Figure 2. Example Flooding at Backyard at 10311 Reading Rd, Richmond, TX 77469

Figure 2: Existing v. Alternative 1 1% Annual Chance Floodplain

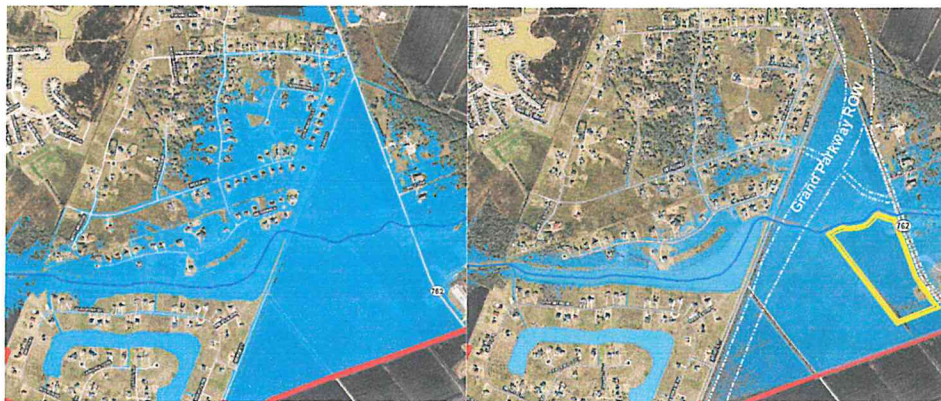


Figure 3. Predicted Flooding by Gapps Slough (taken from Figure 2 in the Gapps Bayou Alternative Evaluations Watershed Study, Fort Bend County Precinct 1, November 2013).

In light of the ongoing flooding problem in Section 1 of Bridlewood Estates, it would be a mistake to allow the discharge of 200,000 gallons of treated waste water into Gaps Slough, as proposed in proposed permit No. WQ0016570001. While this volume of water might not cause a problem during dry periods, it will make the flooding worse when we have heavy rains.

I propose that this waste water stream by discharges in Dry Creek. This creek runs parallel to Gapps Slough, and drains into Smithers Lake, a very large body of water. Water in Smithers Lake eventually drains into the Brazos River. Dry Creek does not have a flooding problem. Dry Creek is south of A Meyer Rd, and slightly further from the proposed waste water plant than Gapps Slough.

Please consider my objection and proposed solution.

Thank you for taking to time to read my letter.

Michael H. Stein

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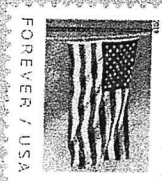
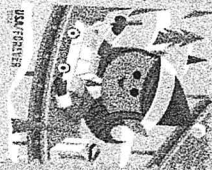
Mr. Michael Stein
10311 Reading Rd.
Richmond, TX 77469

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