

Project: **Lumber Street Pump Station Upgrades**

Department: Wastewater

As part of a push by the City of Petersburg to connect all customers within the core of the community to the wastewater collection system in the 1980's, three small pump stations were installed at low points on Neptune Street, Marian Street and Kisenon Street. These stations serve 1 – 2 homes each and prevent releases of wastewater into Hammer Slough and Mill Slough.

While the wastewater department has replaced major components in these stations over the years, the original wet wells that contain the submersible pumps are original to the sites. They were constructed of galvanized steel and are located in areas of high groundwater tables, including influence by tidal zones and a creek. The concern is that the locations of these stations is harmful to the steel wet wells and any damaged galvanizing is an avenue for corrosion and eventual leakage. Planning replacement of the steel wet wells with a non-corrodible material is prudent to ensure that the stations never fail and leak raw wastewater into our local sloughs.

The estimated cost to replace all three wet wells is \$250,000. The project would provide engineered plans for the upgrade, a mandatory requirement for all ADEC funded projects, as well as specifications for the wet wells, temporary systems to pump wastewater during construction, purchase of the materials and installation of the improvements. The current plan would be to utilize existing pumps and control systems as much as possible to reduce costs of the work.



Hammer Slough