# Laguna Madre 2491 Station 13446 Example

Nutrient Criteria Development Advisory Workgroup June 20, 2011
Texas Commission on Environmental Quality Water Quality Standards

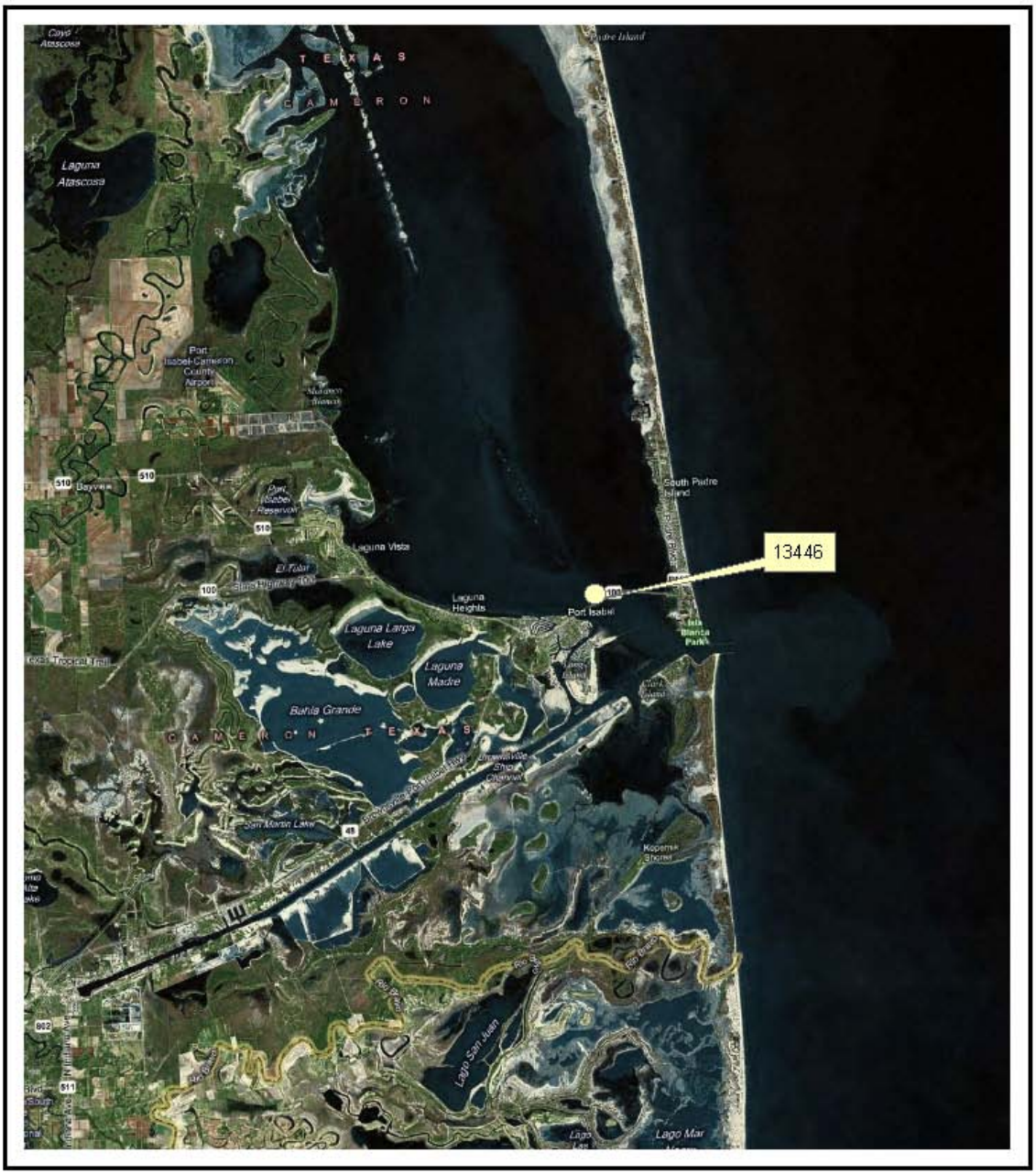


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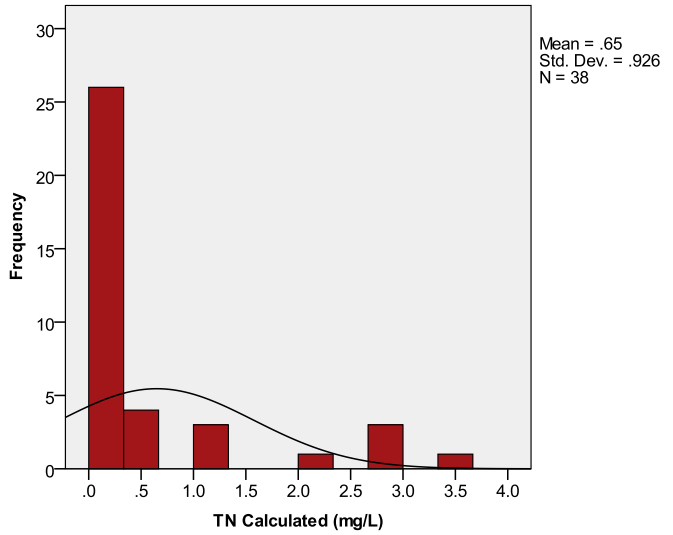
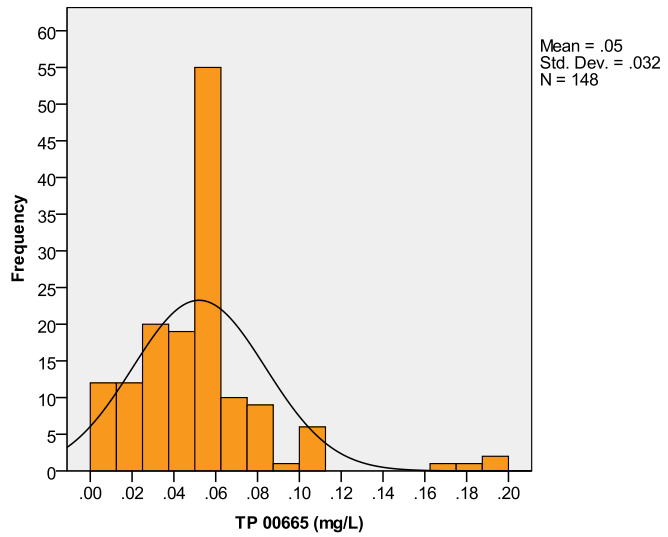
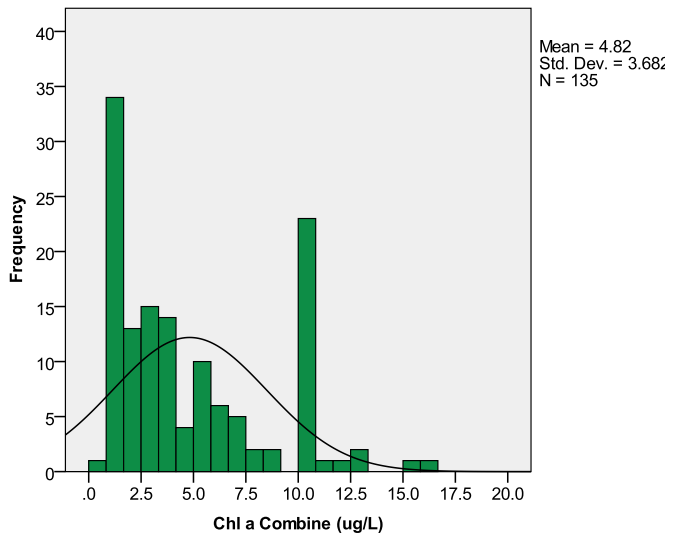
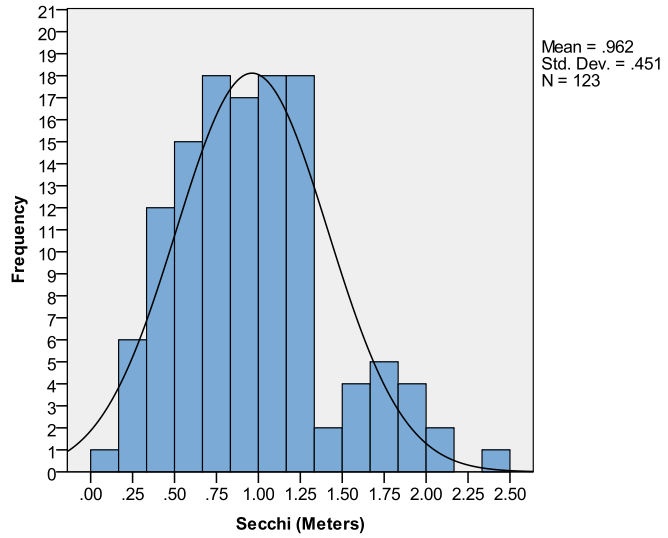
Figure 1 map of station 13446 in Laguna Madre at the Intercostals Canal at Marker 129 East of Port Isabel.



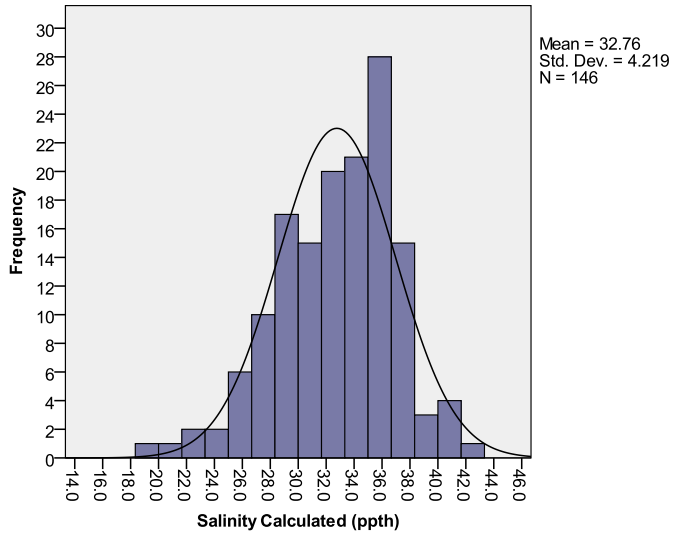
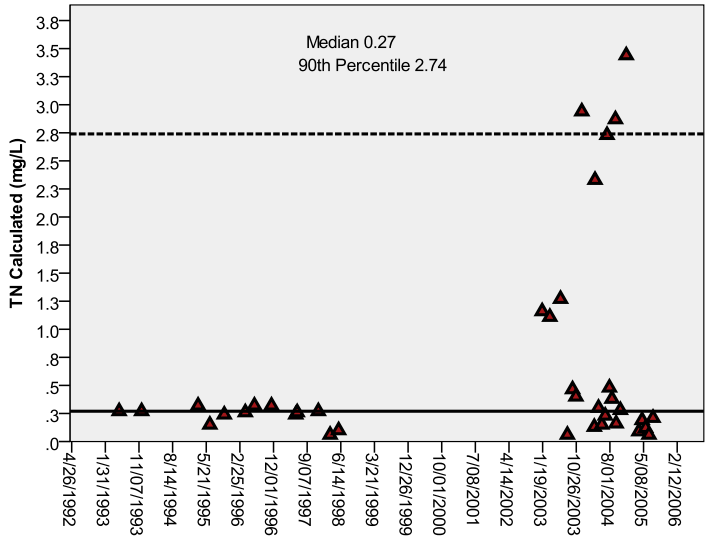
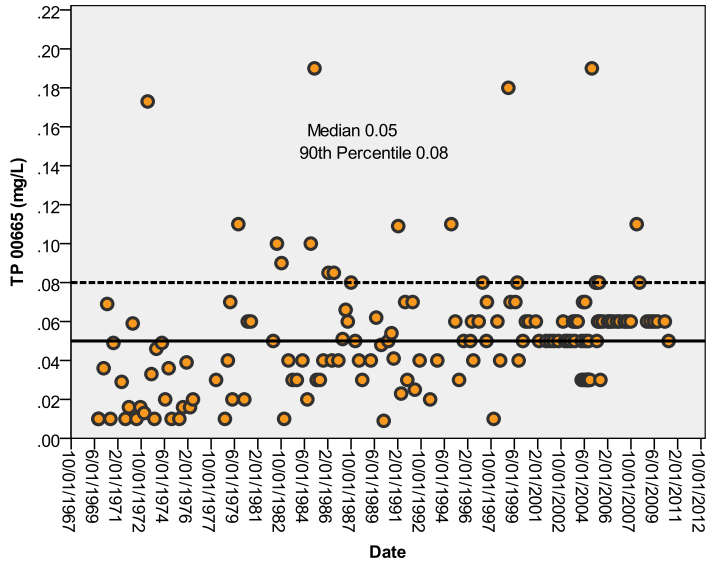
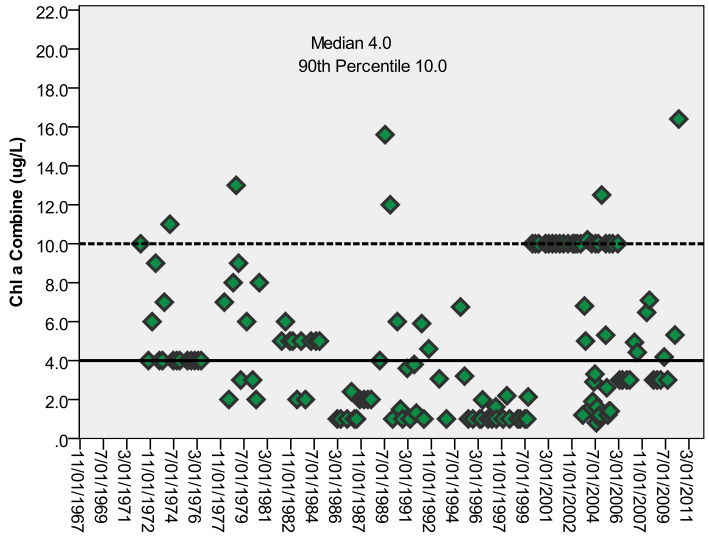
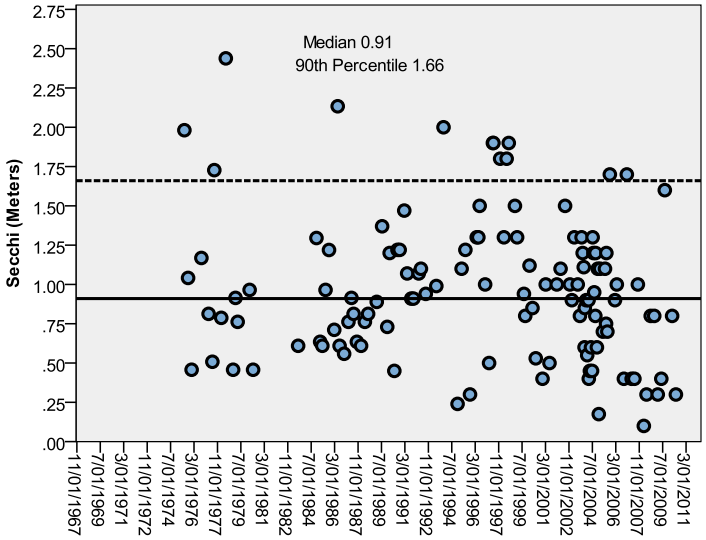




Figure 2 Histograms of parameter frequency at station 13446 in Laguna Madre, segment 2491. Five graphs shown left to right down the page: total nitrogen (TN Calculated) in milligrams per liter, total phosphorus (TP 00665) in milligrams per liter, chlorophyll *a* both methods combined (Chl a Combine) in micrograms per liter, Secchi transparency (Secchi) in meters, and salinity calculated using conductance (Salinity Calculated) in parts per thousand. The normal distribution is represented by the black line. The mean, standard deviation, and sample for each parameter are shown to the right of the graph.



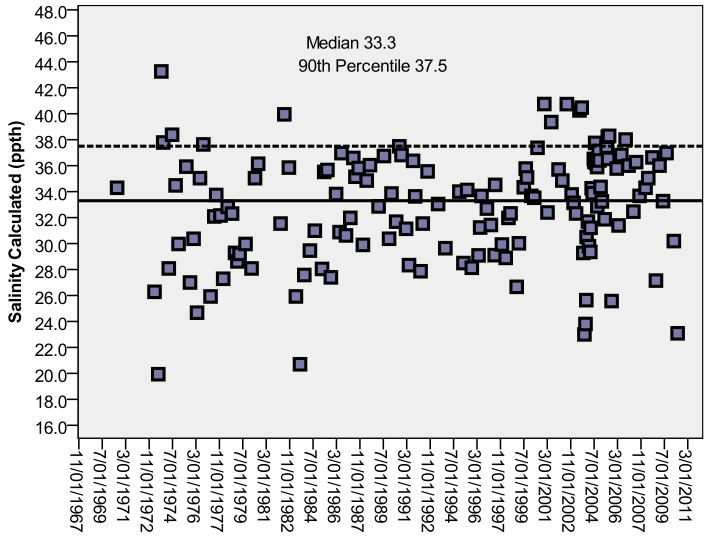




Figure 3 Graphs of each parameter over time at station 13446 in Laguna Madre, segment 2491. Five graphs shown left to right down the page: total nitrogen (TN Calculated) in milligrams per liter, total phosphorus (TP 00665) in milligrams per liter, chlorophyll a both methods combine (Chl a Combine) in micrograms per liter, Secchi transparency (Secchi) in meters, and salinity calculated using conductance (Salinity Calculated) in parts per thousand. The median value is represented by the lower line and the 90$^{th}$ percentile is represented by the upper dashed line.