



## **pH Electrode(probe) Installation Instructions**

To install the electrode into the probe housing you need to remove the probe housing assembly from the sampling sump. This is the small white plate connected to the cover by (4) screws. There is grey probe housing threaded onto the bottom of assembly, the grey housing has a seam in the middle where it can be unscrewed, leaving the top piece of the probe housing connected to the pipe removed. once you remove the bottom half of the probe housing you will need to get the electrode ready to install.

The electrode is very fragile (glass) so be very careful handling it. Once you remove the electrode from the box, undo the twist tie holding the wire together, at one end of the wire is a BNC connector that will connect to side of the pH control panel. You will have to back feed that BNC connector up through bottom half of the probe housing assembly and out of the pipe and then it will run through the conduit (by contractor or others) from sampling sump to panel.

After this this is done you need to remove the water solution container attached to the electrode by unscrewing top and sliding out, now very carefully push the electrode into the bottom half of the probe housing you have previously removed, it will fix snugly into place and you can see glass end sticking out from bottom of housing. The electrode housing now needs to be reinstalled into its original position and reinstall the mounting plate with the four screws provided (use alignment arrows to line up plate).

You are now ready to run the pH cable through the 1" conduit (by contractor or others) to the pH control panel. **To ensure that your electrode will not fail, fill tank with water before mounting so electrode is submerged until tank is ready to be in use.**

