Sanitary and Stormwater Pump Lift Station -- Permit Required Confined Space Entry Permit

1. Entry/Storm Swr Lift Station ENTRY PROCEDURE & PERMIT
   **All Shaded areas must be completed by Entry Supervisor or Entrant**

2. Work to be Performed:

3. Date Issued: / / 
   Time Issued: : □ a.m. □ p.m.

4. Permit Space Hazards (X = Potential Hazard or Testing Rqmt. )
   - Oxygen: hazardous when less than or equal to 19.5% or greater than or equal to 23.5 %.
   - Flammable Gases or Vapors: hazardous when greater than 10% of LFL / LEL.
   - Hydrogen Sulfide: hazardous when greater than 10 PPM.
   - Carbon Monoxide: hazardous when greater than 50 PPM (always look for when welding or near a fuel combustion source (cars, utility carts, etc)
   - Other Toxics:__________________________________________

5. Additional Permits or Forms (Please attach if required)
   - Hot Work Permit: DYES CNO CNA
   - LOTO / Hazardous Energy Control Procedure: DYES CNO CNA
   - Other:

6. Equipment Required for Entry & Work (Check box when complete)
   - PPE
   - Atmospheric Testing
   - Respiratory Protection
   - Ventilation Equipment
   - Rescue Equipment

7. Communication method used by attendants and entrants (Check all that apply)
   - Radio
   - Voice
   - Other:

8. Confined Space Rescue
   The assigned confined space attendant is responsible for evacuating entrants in the event of an emergency by means of vocal communication or retrieval equipment used for the entry. At no time will the attendant enter the confined space. In the event the attendant is unable to evacuate the entrant(s) the Charlotte Fire Department will be notified by UNC Charlotte Police Dispatch at 704-687-2200 to provide rescue assistance. Upon the arrival of rescue personal the attendant should brief the rescuers of any notable information.

9. Preparation for Entry (Check boxes when complete)
   - Notify affected departments of service interruption and complete the Confined Space Entry Permit and other related permits or forms. Service on an outdoor lift station should be completed on a day with no precipitation or chance of precipitation that may enter the sump. If necessary, use a pump within the lift station well to remove excess water.
   - Inspect all required equipment, tools and PPE prior to entry. Barricade the area to prevent unauthorized entry or access. Setup necessary equipment for entry operations.
   - Ensure that all Hazardous Energy to the lift station pump system is isolated per the specific Hazardous Energy Control Procedure.
   - Open all access covers, if possible, to help improve the fresh air ventilation of the system. Take a preliminary atmospheric reading with approved 4 gas meter and record reading on Step 12. Ventilate as necessary. Test atmosphere from the bottom to the top of the lift station well so that all levels are checked.
   - Upon eliminating or controlling all hazards and the Entry Supervisor signing Step 13, proceed to make entry.

10. Authorized Entrants (List by name or attach roster)

11. Authorized Attendants (List by name)

12. Atmosphere Testing Record Acceptable Conditions

13. Authorization by Entry Supervisors
   I certify that all required precautions have been taken and necessary equipment is provided for safe entry and work in this sanitary sewer lift station confined space.

14. Permit Cancellation (Complete at the end of job not to exceed 24 hours)

This permit must be posted at the job site -- One Copy to Dept File and One Copy to EH&S Office (Fax 7-5302 or EHS Building)

4-Oct-10 3-Dec-14