Sanitary and Stormwater Pump Lift Station Permit Required Confined Space Entry Permit											
1. Sanitary and Stormwater Pump Lift Station Entry Procedure and Permit **All shaded areas must be completed by the Entry Supervisor or Entrant**											
2. Work to	o be F	Performed and L	ocation:			3. Date Issued: / /			/ /		
						<b>- - - - - - - - - -</b>					
4 Permit	Snac	e Hazards (X = P	Potential Hazard o	r Testing Requireme	nt)		ime Issu	led:	: 🛛 a.m.	. 🗆 p.m.	
	V Oxygen - hazardous when less that				-				cal Hazards (Pneuma	itic, Hydraulic, Electri	cal, Chemical,
X         Flammable Gases or Vapors - haz LFL / LEL.			ardous when greater	than 10% of		x		alling Objects, Etc.)			
X Hydrogen Sulfide - hazardous whe			en greater than 10 PF	PM			Physical	Hazards - (bees, inse	ects, spiders, heat du	ring the summer)	
х	Order Marsilla harrede en de		greater than 50 PPM (	always look		X Confined Space Configuration, Layout or Arrangement			- ·		
Other Toxics:				, <u>, , , , , , , , , , , , , , , , , , </u>	<u> </u>						
5. Additional Permits or Forms (Please attach if required)											
Hot Work Permit: DYES DO DN/A       LOTO / Hazardous Energy Control Procedure: DYES DO DN/A       Other:											
6. Equipment Required for Entry & Work (Check box when complete)											
<b>PPE</b> Eye protection,				Tyvek suit, rubber gloves, rubber boots, and body harness.							
			equired for testing. Test atmosphere in sanitary sewer lift station by using stratified method of checking atmosphere at within the space. Continuous monitoring is required throughout the duration of the entry.								
_ ·····			this space under normal atmospheric conditions. If contaminant levels are outside limits, ventilate space before entry.								
Vontilation Equipment			nere by 4-gas meter prior to and during entry. Ventilation must be used on sanitary sewer lift station due to sewage gas. ccess covers, if possible, to help improve the fresh air ventilation of the system.								
🗆 Rescu	e Eau	lipment	Set up rescue t	ipod with 4-way hauling system to pull out entrant in the event of an emergency. Entrant must wear harness and be							
		•		e 4-way hauling system entrants (Check all the		8. C	onfined	Space Res	scue		
	Rac	lio						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			
	Voi	ce					s				
Other						7	04-687-220	Department will be notified by UNC Charlotte Police Dispatch at to provide rescue assistance. Upon the arrival of rescue attendant should brief the rescuers of any notable information.			
9. Author	ized I	Entrants (List by	name)			10. Authorized Attendants (List by name)					
11. Prepa	ratio	n for Entry (Chec	k boxes when cor	nplete)							
to the lift station needs to be limit with no precipitation or chance of				ervice interruption and complete the Confined Space Entry Permit and other related permits or forms. Sewage/Storm flow ted as much as possible through departmental notification. Service on an outdoor lift station should be completed on a day f precipitation that may enter the sump. If necessary, use a pump within the lift station well to remove excess water. pols 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.							
		Sign in Authorized Entrants in Step 9 and Sign in Attendants in Step 10.									
		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. Atmosphere should be continuously tested during entry. Periodically record sample readings in Step 12. Ventilate a 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.									
12. Atmosphere Testing Record Acceptable Conditions			Pre-Entry Results	Entry #1 Resu	ults	Entry #2	2 Results	Entry #3 Results	Entry #4 Results	Entry #5 Results	
Time of Sampling											
CH <sub>4</sub> – Methane - Less than 10% of LEL / LFL											
O <sub>2</sub> - Oxygen Range - Minimum allowable = 19.6% to Maximum allowable = 23.4%											
H <sub>2</sub> S - Hydrogen Sulfide - < than 10 PPM											
CO - Carbon Monoxide - < than 35 PPM											
Other Toxic:											
Tester In	itials										
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.											
l certify th Printed N		required precautio		en and necessary ec <b>inature</b>	quipment is prov	vided for safe entry and work in this sanitary sev Date				wer lift station confin Time	ed space. □ <b>a.m. □p.m.</b>
14. Permit Cancellation (Complete at the end of job not to exceed 24 hours)								Date Time □a.m. □p.m.			
This permit must be posted at the job site – One Copy to Department's File and One Copy to EHS Office (Fax 7-5302 or EHS Building)											