Facility Name: ***Ammonia Nitrogen (NH_3-N)*** **SM 4500 NH_3 D.**

Analysis Date_____ Analysis Time_____ Analyst_____

Samples/Standards Analyzed at _____^oC Slope_____mV^o Check Std. Recovery_____%

Analysis Data – Samples not analyzed on Sample Date preserved to pH < 2 with H_2SO_4 and Refrigerated

Sample ID	Sample/ Standard Date	Sample Grab or Composite	Date Preserved	Preserved by	Sample Volume (mL)	Final Volume (mL)	Initial Result (mg/L)	*Dilution Factor	Report Value (mg/L)
Std. 1 mg/L								1	
Std. 2 mg/L								1	
Std. 3 mg/L								1	
Chk Std mg/L									
Dup.									
Dup.									
Spike									--------
Blank									

***Dilution Factor = $\frac{\text{Final Volume (mL)}}{\text{Sample Volume (mL)}}$**

Initial Result (mg/L) x Dilution Factor = Report Value (mg/L)

Spike Sample Preperation: to 100 ml of sample or diluted sample, add 1.0 ml of 100 mg/L NH_3-N standard

Spike Added (ug) = $\frac{\text{Concentration of Spike Added (mg/L) x Volume of Spike Added (mL)}}{}$

% Spike Recovery = $\frac{\text{[(Spiked Sample Initial Result)(Final Volume) – (Sample Initial Result)(Final Volume)] x 100}}{\text{Spike Added}}$ = _____%