Ammonia (ISE) Worksheet [7/3/08]

Facility		Method Number	SM 4500-NH3 D	Edition	

Daily Calibration Curve		
Standard Concentration (mg/L)	Standard ID	mV
Overall Curve Slope =		
Analysis Date		
Analyst		

Traceability Information	
LCS Standard ID LCS Standard Concentration	
ISA Buffer Solution ID	
NaOH or ISA volume used (mL) {not needed if documented in SOP}	
▪ Curve Standard volumes used for each standard analyzed (mL) {not needed if documented in SOP}	

Control Limits
Overall Slope must be between -54 to -60 mV
method blank < LOD
LCS % recovery 90 - 110 %

Assumes that there is no distillation required.

ID's = the laboratory's ID code given to each substance for traceability tracking

*** not required if using ISA buffer that turns color when pH > 11**

Sample ID (must be unique ID)	Sample Volume Used (mL)	pH > 11 before recording mV *	millvolts (mV)	Concentration from meter or external regression analysis (mg/L)