Total Phosphorus Worksheet [7/3/08]

[Persulfate Digestion and Ascorbic Acid reduction, curve must be digested]

Facility		Method Number	SM 4500-P B.5 / E
		Edition	

Calibration Curve		
Volume of TP Standard Used (mL)	**Theoretical Standard Concentration (mg/L)**	**Absorbance**
0	0.0	
Calibration Curve Analysis Date		
Calibration Curve Analyst		
TP Standard ID - used for making the calibration curve		
ICV Standard ID (second source if not analyzing QCS samples)		
Calibration Correlation Coefficient = r		
Calibration slope = m		
Calibration y - intercept = b		
Regression: y = mx + b where "x" is conc and "y" is abs		
Final Volume of Calibration Standards (mL)	100	

Traceability Information	
TP Standard ID - used for making the CCV / LCS	
Volume of TP standard used for making the CCV / LCS	
Persulate chemical ID	
Potassium Antimonyl Tartrate ID	
Ammonium Molybdate ID	
Ascorbic Acid ID	
Combined Reagent is made from the ID's listed above	Yes
Solution Used to Zero Spec	
Autoclave Pressure (kPA)	
Final Volume Samples (mL)	100

Control Limits
r ≥ 0.995
method blank < LOD
ICV / CCV / LCS = 90 - 110%

Analysis Date:	
Analyst:	
Digestion Date:	

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

Sample ID (must be unique ID)	Sample Volume Used (mL)	Absorbance	Concentration from Curve (mg/L)	Dilution Factor	Final Conc. (mg/L)