

Total Phosphorus Worksheet			Facility	Method Number	HACH 8190			
DNR Template Version 09SEP16								
Calibration Curve			Traceability Information (Use cells appropriate for method cited)					
Standard ID	Theoretical Standard Concentration (mg/L)	Absorbance	CCV/LCS Standard ID					
			ICV Standard ID					
			HACH TNT kit lot number					
			Potassium Antimonyl Tartrate ID					
			Ammonium Molybdate ID					
			Ascorbic Acid ID					
			Digestion Block Temp (°C)					
			Autoclave Pressure (kPA)					
			Solution Used to Zero Spec					
			Analyst:					
			Analysis Date:					
			Digestion Date:					
			Calibration Curve Date:					
			Calibration Curve Analyst:					
			Current LOD (mg/L) =					
Calculated Statistics			QC Assesment					
Calibration Correlation Coefficient (r)								
slope (m)					Control Limits			
y intercept (b)					r ≥ 0.995			
Absolute value of the x intercept					Absolute value of method blank must be less than the LOD or five percent of the regulatory limit or ten percent of the measured concentration in the sample.			
Relative Standard Error (%)					ICV/CCV/ICV recovery = 90 - 110%			
Regression: y = mx + b, where "x" is conc and "y" is abs					Relative Standard Error (%) < 15% (this is a only a reccomended statistic, not a requirement)			
ICV Concentration (ppm) =					Absolute value of x intercept < LOD (this is a only a reccomended statistic, not a requirement)			
CCV/LCS Concentraion (ppm) =								
Unique Sample ID	Sample Volume Used (mL)	Final Volume (mL)	Absorbance (must be less than the Abs of the high standard)	Concentration without DF (mg/L)	Dilution Factor (DF) (calculated from Final Volume Used / Sample Volume)	Final Conc. (mg/L)	Percent Recovery	QC Assesment
ICV (if new curve)								
CCV/LCS								
Method Blank								
							Comments:	
Comments:								