

CWMP Water Quality Datasheet

Date: _____

Chemist: _____

pH Meter ID: _____

pH Meter Calibration

pH 7.00 (+/- 0.01) _____

pH 4.00 (+/- 0.01) _____

LISB (3.82 +/- 0.05) _____

Slope (92% - 102%): _____

- ***Open** the hole on the side of pH meter before beginning
- ***Close** the hole on the side of pH meter when completed
- *Ensure coils are covered with solution within the pH meter
- *After reaching pH 8.3 **do not** refill titrant to reach pH 4.5

Site ID	Zone	Vol of Sample (mL)	Initial		Phenolphthaleine Titrate to pH 8.3		Total Alkalinity Titrate to pH 4.5	
			Temp	pH	Vol of Titrant (mL)	Final pH	Vol of Titrant (mL)	Final pH

Chlorophyll-A

Site ID	Zone	Volume Filtered (mL)

Filterer _____

Date _____

Remember to write on foil:

Site Filterer Initials
 Zone **Volume Filtered**
 Date

Calculating Alkalinity:
 (A x N x 50000)/mL sample

To calculate Phenolphthaleine Alkalinity use the volume of titrant used to reach pH 8.3

A= mL of Titrant
 N= normality of standard acid (0.0364)

To calculate Total Alkalinity use the volume of titrant used to reach pH 4.5 (including the volume used to reach 8.3)

Site ID	Zone	Calculated Phenolphthaleine	Calculated Total Alkalinity	Notes