

Experiment 6 Data: Determination of Dissolved Oxygen

Winkler Titration Method					
Sample Volume (300 mL)	Burette Start Volume (mL)	Burette End Volume (mL)	Total Titrant Used (mL)	Drops of Indicator Used	Dissolved Oxygen (DO) (mg/L)
Tap Water	39.3	41.2		5	
Aggie Pond Water	41.2	48.4		5	

Membrane Electrode Method		
Sample	Dissolved Oxygen (DO) (mg/L)	Temperature (°C)
Tap Water	3.6	20.2
Aggie Pond Water	4.4	17.8