Facility Name					Biochemical Oxygen Demand SM 5210 IN OUT									M 5210 B.
Analysis Date: Chlorine Present Chlorine removed								Analyst: _ Incubator Temp °C: _ Time:						
Dilution Water Prepared on					<del>-</del>									
(Complete th	is box unles	s separat	e calibrat	tion form u	ısed.)									
${\bf Analysis\ Date:\ Barometric\ Pressure/Temperature:} \_$					mm Hg/°C Meter/Probe				be Calibrated by: Time:				_	
Read Date: Barometric Pressure/Temperature:					mm Hg/°C Meter/Prob				pe Calibrated by: Time:				_	
Sample ID	Sample Date	Grab or Comp	Bottle ID	Sample mL	Seed Added mL	Inhibitor Added ?	Setup Temp. °C	Initial DO mg/L	Final DO mg/L	DO Depletion mg/L	Seed Correction mg/L	Correction Depletion mg/L	BOD <sub>5</sub> (mg/L)	BOD <sub>5</sub> Average mg/L
Blank 1														
Blank 2														
Seed 1														
Seed 2														
G/GA														
G/GA														
Final 1														
Final 2														
Final 3														
Final Dup														
Pri Eff 1														
Pri Eff 2														
Raw 1														
Raw 2														
Raw 3														
Raw Dup														_

Calculations: Calculate only those samples that have a Final DO greater than or equal to  $(\geq)$  1.0 mg/L and a DO Depletion greater than or equal to  $(\geq)$  2.0 mg/L

Unseeded BOD<sub>5</sub> (mg/L) =  $\frac{DO Depletion \times 300 \text{ mL}}{\text{mL Sample}}$ 

 $Seeded \ BOD_5 \ (mg/L) = \underline{Seed \ Corrected \ Depletion \ x \ 300 \ mL} \\ mL \ Sample$ 

Seed Correction = [(Seed 1 DO Depletion/mL Seed Added)+(Seed 2 DO Depletion/mL Seed Added)] x mL Seed Added to Samples