BOD Benchsheet [7/3/08]

Facility:	

Method Number:	SM 5210B	Edition:	

Traceability Information	
Phosphate Buffer Solution ID	
Magnesium Sulfate Solution ID	
Calcium Chloride Solution ID	
Ferric Chloride Solution ID	
GGA ID	
Seed ID or Sample Date of Influent	

Read In Calibration	
Analyst	
DO Std Temp. (ºC)	
Local Pressure (mm Hg)	
DO Calib. Value (mg/L)	
DO Satr from T/P (mg/L)	
Room Temp. (ºC)	
Date Bottles In	
Time Bottles In	

Read Out Calibration	
Analyst	
DO Std Temp. (ºC)	
Local Pressure (mm Hg)	
DO Calib. Value (mg/L)	
DO Satr from T/P (mg/L)	
Room Temp. (ºC)	
Date Bottles In	
Time Bottles In	

Control Limits
Blanks ≤ 0.2 mg/L
GGA = 167.5 - 228.5
pH = 6.0 - 8.5
Residual DO ≥ 1.0 mg/L
DO Depletion ≥ 2.0 mg/L
Room/Sample Temp 20 ± 3 ºC

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

	Composite Sample Checks	
Sample ID	pH	Temp. prior to dilution (ºC)

Code Defintions
N = Extra Nutrients added to sample
I = Inhibitor added to sample
P = Sample pre-diluted per SOP

Sample ID (must be unique)	Bottle ID	Sample Volume Used (mL)	Pre-dilution Factor (if other than 1)	Seed Volume added (mL)	Initial DO (mg/L)	Final DO (mg/L)	DO Depletion (mg/L)	Seed Control CF (mg/L)	DO Depletion - Seed Contribution (mg/L)	Dilution Factor	BOD (mg/L)	Average BOD (mg/L) for passing dilutions

COMMENTS: