CHEMTECH

BOD Soluble LOG

QC BATCH ID: LB90600
BOD Water: WP58590
Starch: W2121
Conc Sulfuric Acid: W2151
POLYSEED: WP58592
GGA: WP58591
Chlorine Strips: W2068
pH Strips: W2106

Analysis Date: 10/05/2017
ANALYST: Indiana
SUPERVISOR: apatel
MANGANOUS SULFATE SOLUTION: W2191
Alkaline Iodide Azide: W2241
Sodium Thiosulfate, 0.025N: W2252
NaOH, 0.25N: WP56596
IncubatroID: Incubator-3

Lab Sample ID		Bottle No.	VOL. ML	Initial Reading(ML)	Final Reading(ML)	Difference	Average
WINKLER	(Dilution Water)	1	300	0.0	8.7	8.7	8.65
WINKLER	(Dilution Water)	2	300	8.7	17.3	8.6	

BOD Dilution Water Before Reading Using DO Meter: 8.65 & After Reading Using DO Meter: 8.65

Calibrate DO meter with average reading: 8.65

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QC BATCH ID: LB90600

INCUBATOR TEMP IN(C): 20.4 **INCUBATOR TEMP OUT(C):** 20.4

TIME IN: 16:00 **TIME OUT:** 09:32

DATE IN: 10/05/2017 **DATE OUT:** 10/10/2017

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp ℃	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
POLYSEED	1					10	8.60	5.84	2.76	0.55	0.56	
POLYSEED	2					15	8.57	4.20	4.37	0.58		
POLYSEED	3					20	8.53	2.97	5.56	0.56		
GGA	1					6	8.68	3.71	4.97	220.5	220.5	
GGA	2					6	8.69	3.81	4.88	216	216	
GGA	3					6	8.69	3.88	4.81	212.5	212.5	
I5667-03	1	No	7.9	N/A	18.8	2	8.69	7.97	-	0	26.58	
I5667-03	2					10	8.62	7.26	-	0		
I5667-03	3					50	8.21	3.22	4.99	26.58		
I5667-03	4					100	7.50	0.94	-	0		
I5667-03DUP	1	No	7.9	N/A	18.8	2	8.70	7.95	-	0	26.34	
I5667-03DUP	2					10	8.61	7.23	-	0		
I5667-03DUP	3					50	8.19	3.24	4.95	26.34		
I5667-03DUP	4					100	7.48	0.96	-	0		

NOTE: 2ml POLYSEED added to GGA and all the Samples.