CHEMTECH

BOD5 LOG

QC BATCH ID: LB93498
BOD Water: WP62261
Starch: W2121
Conc Sulfuric Acid: W2151
POLYSEED: WP62263
GGA: WP62264
Chlorine Strips: W2068
pH Strips: W2106

Analysis Date: 02/23/2018
ANALYST: Indiana
SUPERVISOR: apatel
MANGANOUS SULFATE SOLUTION: W2191
Alkaline Iodide Azide: W2241
Sodium Thiosulfate, 0.025N: W2276
NaOH, 0.25N: WP61578
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	8.4	8.4	8.5
WINKLER	(Dilution Water)	2	300	8.4	17.0	8.6	

BOD Dilution Water Before Reading Using DO Meter: 8.49 & After Reading Using DO Meter: 8.48

Calibrate DO meter with average reading: 8.5

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QC BATCH ID: LB93498

INCUBATOR TEMP IN(C): 20.3 **INCUBATOR TEMP OUT(C):** 20.4

TIME IN: 17:40 **TIME OUT:** 13:00

DATE IN: 02/23/2018 **DATE OUT:** 02/28/2018

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	8.44	5.94	2.5	0.5	0.53	
POLYSEED	2					15	8.42	4.39	4.03	0.54		
POLYSEED	3					20	8.41	3.02	5.39	0.54		
GGA	1					6	8.47	4.30	4.17	182	182	
GGA	2					6	8.45	4.39	4.06	176.5	176.5	
GGA	3					6	8.47	4.44	4.03	175	175	
J1690-01	1	No	6.2	N/A	18.6	10	8.54	7.93	-	0		
J1690-01	2					50	8.77	8.14	-	0		
J1690-01	3					100	9.17	8.16	-	0		
J1690-01	4					200	9.96	8.33	-	0		
J1690-01DUP	1	No	6.2	N/A	18.2	10	8.55	7.90	-	0		
J1690-01DUP	2					50	8.76	8.12	-	0		
J1690-01DUP	3					100	9.14	8.17	-	0		
J1690-01DUP	4					200	9.94	8.35	-	0		

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

1B93498

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5022318 WorkList ID : 108911 Date : 2/23/2018 5:03:38 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/25/2018	Water	J1690-01	BOD5	Cool 4 deg C	NATI04	E41	DSN001	02/23/2018	SM5210 B

Date/Time 02/23/18 17:10
Received by: IB
Relinquished by: JP

Date/Time 02/23/18 17:55
Received by: JP
Relinquished by: IB