CHEMTECH

BOD5 LOG

QC BATCH ID: LB85974
BOD Water: WP53085
Starch: W2121
Conc Sulfuric Acid: W2151
POLYSEED: WP53112
GGA: WP53113
Chlorine Strips: W2068
pH Strips: W2106

Analysis Date: 02/22/2017
ANALYST: Indiana
SUPERVISOR: apatel
MANGANOUS SULFATE SOLUTION: W2191
Alkaline Iodide Azide: W2035
Sodium Thiosulfate, 0.025N: W2169
NaOH, 0.25N: WP52920

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	8.55
WINKLER	(Dilution Water)	2	300	8.4	17.1	8.7	

BOD Dilution Water Before Reading Using DO Meter: 8.53 & After Reading Using DO Meter: 8.54

Calibrate DO meter with average reading: 8.55

CHEMTECH

QC BATCH ID: LB85974

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 15:47

TIME OUT: 12:00

DATE IN: 02/22/2017

DATE OUT: 02/27/2017

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	8.51	5.22	3.29	0.66	0.7	
POLYSEED	2					15	8.48	2.81	5.67	0.76		
POLYSEED	3					20	8.46	1.76	6.7	0.67		
GGA	1					6	8.43	4.01	4.42	186	186	
GGA	2					6	8.42	4.15	4.27	178.5	178.5	
GGA	3					6	8.42	4.26	4.16	173	173	
I1946-03	1	No	6.8		20.2	5	8.41	7.74	-	0		
I1946-03	2					20	8.43	7.51	-	0		
I1946-03	3					50	8.50	7.81	-	0		
I1946-03	4					150	8.50	8.03	-	0		
I1946-03DUP	1	No	6.8		20.2	5	8.42	7.76	-	0		
I1946-03DUP	2					20	8.44	7.78	-	0		
I1946-03DUP	3					50	8.51	7.83	-	0		
I1946-03DUP	4					150	8.78	8.02	-	0		
I1950-01	1	No	6.4		20.0	0.5	8.36	6.80	-	0	455.25	
I1950-01	2					1	8.34	6.40	-	0		
I1950-01	3					2	8.32	4.87	3.45	412.5		
I1950-01	4					3	8.30	2.62	5.68	498		

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

LB 85974

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5022217 WorkList ID : 95847 Date : 2/22/2017 2:17:04 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I1946-03	BOD5	Cool 4 deg C	SHAW22	I22	OUTFALL001-170221	02/21/2017	SM5210 B
	Water	I1950-01	BOD5	Cool 4 deg C	ARAM01	I33	COMP	02/22/2017	SM5210 B

Date/Time 02/22/17 14:40
Received by: IB
Relinquished by: SR

Date/Time 02/22/17 16:00
Received by: SR
Relinquished by: IB