



BOD5 LOG

QC BATCH ID: LB85993
BOD Water: WP53114
Starch: W2121
Conc Sulfuric Acid: W2151
POLYSEED: WP53128
GGA: WP53129
Chlorine Strips: W2068
pH Strips: W2106

Analysis Date: 02/23/2017
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	8.6
WINKLER	(Dilution Water)	2	300	8.4	17.2	8.8	

BOD Dilution Water Before Reading Using DO Meter: 8.59 & After Reading Using DO Meter: 8.59
Calibrate DO meter with average reading: 8.6



QC BATCH ID: LB85993

INCUBATOR TEMP IN(C): 20.1

TIME IN: 15:52

DATE IN: 02/23/2017

INCUBATOR TEMP OUT(C): 20.2

TIME OUT: 12:20

DATE OUT: 02/28/2017

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	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	3.96	4.64	0.93	0.81	
POLYSEED	2					15	8.55	2.79	5.76	0.77		
POLYSEED	3					20	8.51	1.12	7.39	0.74		
GGA	1					6	8.56	4.17	4.39	179	179	
GGA	2					6	8.58	4.02	4.56	187.5	187.5	
GGA	3					6	8.57	4.21	4.36	177.5	177.5	
I1956-01	1	No	6.8		23.0	5	8.60	7.76	-	0		
I1956-01	2					20	8.58	7.59	-	0		
I1956-01	3					50	8.56	7.62	-	0		
I1956-01	4					150	8.45	7.25	-	0		
I1956-01DUP	1	No	6.8		23.0	5	8.59	7.75	-	0		
I1956-01DUP	2					20	8.57	7.61	-	0		
I1956-01DUP	3					50	8.55	7.63	-	0		
I1956-01DUP	4					150	8.42	7.22	-	0		

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

LB 85993

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5022317 WorkList ID : 95897 Date : 2/23/2017 12:35:19 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/24/2017	Water	I1956-01	BOD5	Cool 4 deg C	PSEG01	F61	FRAC-TANK-A2622	02/22/2017	SM5210 B

Date/Time 02/23/17 13:20
Received by: IB
Relinquished by: IB

Date/Time 02/23/17 15:30
Received by: IB
Relinquished by: IB