



BOD5 LOG

QC BATCH ID: LB86093

Analysis Date: 03/01/2017

BOD Water: WP53221

ANALYST: Indiana

Starch: W2121

SUPERVISOR: apatel

Conc Sulfuric Acid: W2151

MANGANOUS SULFATE SOLUTION: W2191

POLYSEED: WP53245

Alkaline Iodide Azide: W2035

GGA: WP53244

Sodium Thiosulfate, 0.025N: W2169

Chlorine Strips: W2068

NaOH, 0.25N: WP52920

pH Strips: W2106

Lab Sample ID		Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER	(Dilution Water)	1	300	0.0	8.6	8.6	8.7
WINKLER	(Dilution Water)	2	300	8.6	17.4	8.8	

BOD Dilution Water Before Reading Using DO Meter: 8.69 & After Reading Using DO Meter: 8.60

Calibrate DO meter with average reading: 8.7



QC BATCH ID: LB86093

INCUBATOR TEMP IN(C): 20.2

TIME IN: 09:50

DATE IN: 03/01/2017

INCUBATOR TEMP OUT(C): 20.1

TIME OUT: 10:20

DATE OUT: 03/06/2017

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	8.63	4.85	3.78	0.76	0.68	
POLYSEED	2					15	8.59	3.96	4.63	0.62		
POLYSEED	3					20	8.54	1.92	6.62	0.66		
GGA	1					6	8.53	3.84	4.69	200.5	200.5	
GGA	2					6	8.54	3.93	4.61	196.5	196.5	
GGA	3					6	8.53	3.96	4.57	194.5	194.5	
I2011-01	1	No	6.4		18.0	5	8.84	7.69	-	0	15.42	
I2011-01	2					20	8.63	7.05	-	0		
I2011-01	3					50	8.55	5.30	3.25	15.42		
I2011-01	4					150	8.50	0.86	-	0		
I2011-01DUP	1	No	6.4		18.0	5	8.83	7.70	-	0	15.3	
I2011-01DUP	2					20	8.62	7.03	-	0		
I2011-01DUP	3					50	8.54	5.31	3.23	15.3		
I2011-01DUP	4					150	8.51	0.87	-	0		

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

LB86093

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD030117 WorkList ID : 96065 Date : 3/1/2017 9:00:30 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/01/2017	Water	I2011-01	BOD5	Cool 4 deg C	PSEG01	F62	FRAC-TANK-A155	02/27/2017	SM5210 B

Date/Time 03/01/17 9:05
Received by: IB
Relinquished by: SS

Date/Time 03/01/17 10:48
Received by: SS
Relinquished by: IB