



BOD5 LOG

Analysis Date: 01/23/2019

QC BATCH ID: LB100449

ANALYST: Indiana

BOD Water: WP71146

SUPERVISOR: apatel

Starch: W2277

MANGANOUS SULFATE SOLUTION: W2427

Conc Sulfuric Acid: W2310

Alkaline Iodide Azide: W2472

POLYSEED: WP71147

Sodium Thiosulfate, 0.025N: WP70959

GGA: WP71148

NaOH, 0.25N: WP71104

Chlorine Strips: W2429

IncubatorID: Incubator-3

pH Strips: W2350

Zero DO: WP71046

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.4	8.4	8.5
WINKLER2	WINKLER 2	2	300	8.4	17.0	8.6	

Meter Calibration1 : 8.50

Zero DO Reading1 : 0.18 mg/L (<=0.2 Criteria)

After Incubation

Meter Calibration2 : 8.50

Zero DO Reading2 : 0.17 mg/L (<=0.2 Criteria)



QC BATCH ID: LB100449

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 10:40

TIME OUT: 10:45

DATE IN: 01/23/2019

DATE OUT: 01/28/2019

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
LB100449BL	1	No	6.0	N/A	19.9	300	8.50	8.48	0.02	0.02	0.02	
POLYSEED	1					10	8.45	5.58	2.87	0.57	0.6	
POLYSEED	2					15	8.43	3.85	4.58	0.61		
POLYSEED	3					20	8.37	2.32	6.05	0.61		
GGA	1					6	8.39	4.29	4.1	175	175	
GGA	2					6	8.38	4.20	4.18	179	179	
GGA	3					6	8.38	4.17	4.21	180.5	180.5	
K1212-01	1	No	6.4	N/A	18.8	5	8.42	7.76	-	0		
K1212-01	2					20	8.47	7.65	-	0		
K1212-01	3					50	8.57	7.61	-	0		
K1212-01	4					150	8.95	7.50	-	0		
K1213-01	1	No	7.2	N/A	18.8	5	8.49	7.79	-	0	3.18	
K1213-01	2					20	8.50	7.51	-	0		
K1213-01	3					50	8.63	7.29	-	0		
K1213-01	4					150	9.02	6.83	2.19	3.18		
K1213-01DUP	1	No	7.2	N/A	18.8	5	8.48	7.79	-	0	3.14	
K1213-01DUP	2					20	8.51	7.51	-	0		
K1213-01DUP	3					50	8.62	7.28	-	0		
K1213-01DUP	4					150	9.00	6.83	2.17	3.14		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

LB100449

WorkList Name : BOD012319

WorkList ID : 121561

Date : 1/23/2019 9:25:17 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/23/2019	Water	K1212-01	BOD5	Cool 4 deg C	PSEG01	K31	FML-124	01/21/2019	SM5210 B
01/23/2019	Water	K1213-01	BOD5	Cool 4 deg C	PSEG01	K21	MANHOLE	01/21/2019	SM5210 B

Date/Time 6/23/19 9:55

Received by: IB

Relinquished by: [Signature]

Date/Time 01/23/19 11:29

Received by: [Signature]

Relinquished by: IB