

**BOD5 LOG****Analysis Date:** 02/27/2019**QC BATCH ID:** LB101062**ANALYST:** Indiana**BOD Water:** WP72031**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2472**POLYSEED:** WP72063**Sodium Thiosulfate, 0.025N:** WP71781**GGA:** WP72064**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP72065

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.6	8.6	8.65
WINKLER2	WINKLER 2	2	300	8.6	17.3	8.7	

Meter Calibration1 : 8.65Zero DO Reading1 : 0.19 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.65Zero DO Reading2 : 0.17 mg/L (<=0.2 Criteria)



QC BATCH ID: LB101062

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 09:25

TIME OUT: 11:00

DATE IN: 02/27/2019

DATE OUT: 03/04/2019

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
LB101062BL	1	No	6.0	N/A	20.1	300	8.63	8.61	0.02	0.02	0.02	
POLYSEED	1					10	8.39	5.66	2.73	0.55	0.58	
POLYSEED	2					15	8.32	3.74	4.58	0.61		
POLYSEED	3					20	8.26	2.60	5.66	0.57		
GGA	1					6	8.47	4.15	4.32	187	187	
GGA	2					6	8.48	4.21	4.27	184.5	184.5	
GGA	3					6	8.49	4.18	4.31	186.5	186.5	
K1605-01	1	No	6.4	N/A	18.7	5	8.53	8.12	-	0	2.86	
K1605-01	2					20	8.47	8.04	-	0		
K1605-01	3					50	8.45	7.82	-	0		
K1605-01	4					150	8.35	6.34	2.01	2.86		
K1605-01DUP	1	No	6.4	N/A	18.7	5	8.52	8.10	-	0	2.96	
K1605-01DUP	2					20	8.45	8.03	-	0		
K1605-01DUP	3					50	8.43	7.85	-	0		
K1605-01DUP	4					150	8.36	6.30	2.06	2.96		

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

WORKLIST(Hardcopy Internal Chain)

LB101062

WorkList Name : BOD022619

WorkList ID : 122742

Date : 02-26-2019 16:20:24

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/27/2019	Water	K1605-01	BOD5	Cool 4 deg C	PSEG01	K31	N48966	02/25/2019	SM5210 B

Date/Time 02/27/19 9:00
 Received by: IB
 Relinquished by: JF

Date/Time 02/27/19 16:30
 Received by: JF
 Relinquished by: IB