

**BOD5 LOG****Analysis Date:** 01/30/2019**QC BATCH ID:** LB100557**ANALYST:** Indiana**BOD Water:** WP71301**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2472**POLYSEED:** WP71302**Sodium Thiosulfate, 0.025N:** WP70959**GGA:** WP71303**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP71304

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.8	8.8	8.85
WINKLER2	WINKLER 2	2	300	8.8	17.7	8.9	

Meter Calibration1 : 8.85Zero DO Reading1 : 0.18 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.85Zero DO Reading2 : 0.17 mg/L (<=0.2 Criteria)



QC BATCH ID: LB100557

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 16:00

TIME OUT: 11:30

DATE IN: 01/30/2019

DATE OUT: 02/04/2019

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
LB100557BL	1	No	6.0	N/A	20.0	300	8.83	5.85	2.98	2.98	2.98	
POLYSEED	1					10	8.81	5.85	2.96	0.59	0.6	
POLYSEED	2					15	8.72	4.07	4.65	0.62		
POLYSEED	3					20	8.70	2.91	5.79	0.58		
GGA	1					6	8.80	4.09	4.71	205.5	205.5	
GGA	2					6	8.79	4.05	4.74	207	207	
GGA	3					6	8.81	4.10	4.71	205.5	205.5	
K1277-03	1	No	7.98	N/A	18.8	5	8.72	7.94	-	0	4.58	
K1277-03	2					20	8.58	7.74	-	0		
K1277-03	3					50	8.32	6.96	-	0		
K1277-03	4					150	7.27	4.38	2.89	4.58		
K1277-03DUP	1	No	7.98	N/A	18.8	5	8.73	7.90	-	0	5.04	
K1277-03DUP	2					20	8.60	7.71	-	0		
K1277-03DUP	3					50	8.30	6.92	-	0		
K1277-03DUP	4					150	7.52	4.40	3.12	5.04		
K1282-35	1	No	6.4	N/A	18.8	5	8.68	8.17	-	0	7.66	
K1282-35	2					20	8.65	8.04	-	0		
K1282-35	3					50	8.45	6.02	2.43	10.98		
K1282-35	4					150	7.54	4.77	2.77	4.34		

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

WORKLIST(Hardcopy Internal Chain)

LB100557

WorkList Name : BOD013019

WorkList ID : 121757

Date : 1/30/2019 11:02:35 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/31/2019	Water	K1277-03	BOD5	Cool 4 deg C	PSEG01	K31	FRAC-TANK-1-2	01/29/2019	SM5210 B
01/31/2019	Water	K1282-35	BOD5	Cool 4 deg C	PSEG01	K31	TPW1	01/29/2019	SM5210 B

Date/Time 01/30/19 15:00
 Received by: IS
 Relinquished by: CL

Date/Time 01/30/19 16:20
 Received by: CL
 Relinquished by: IB