

**BOD5 LOG****Analysis Date:** 04/24/2019**QC BATCH ID:** LB102401**ANALYST:** Indiana**BOD Water:** WP74070**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP74071**Sodium Thiosulfate, 0.025N:** WP73671**GGA:** WP74072**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP74073

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

Meter Calibration1 : 8.7

Zero DO Reading1 : 0.19 mg/L (<=0.2 Criteria)

After Incubation

Meter Calibration2 : 8.7

Zero DO Reading2 : 0.18 mg/L (<=0.2 Criteria)



QC BATCH ID: LB102401

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 20.7

TIME IN: 09:10

TIME OUT: 11:00

DATE IN: 04/24/2019

DATE OUT: 04/29/2019

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
LB102401BL	1	No	6.0	N/A	20.10	300	8.69	8.67	0.02	0.02	0.02	
POLYSEED	1					10	8.65	5.88	2.77	0.55	0.58	
POLYSEED	2					15	8.60	4.61	3.99	0.53		
POLYSEED	3					20	8.56	1.84	6.72	0.67		
GGA	1					6	8.64	4.31	4.33	187.5	187.5	
GGA	2					6	8.68	4.25	4.43	192.5	192.5	
GGA	3					6	8.67	4.22	4.45	193.5	193.5	
K2522-01	1	No	7.0	N/A	18.80	5	8.65	8.47	-	0		
K2522-01	2					20	8.63	8.24	-	0		
K2522-01	3					50	8.54	8.10	-	0		
K2522-01	4					150	8.01	7.40	-	0		
K2522-01DUP	1	No	7.0	N/A	18.80	5	8.62	8.45	-	0		
K2522-01DUP	2					20	8.61	8.21	-	0		
K2522-01DUP	3					50	8.52	8.05	-	0		
K2522-01DUP	4					150	8.05	7.37	-	0		
K2522-04	1	No	6.4	N/A	18.70	5	8.65	8.46	-	0	25.32	
K2522-04	2					20	8.40	6.61	-	0		
K2522-04	3					50	7.89	3.09	4.8	25.32		
K2522-04	4					150	5.88	0.95	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB102401

WorkList Name : BOD042319

WorkList ID : 125209

Date : 04-23-2019 18:37:45

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/24/2019	Water	K2522-01	BOD5	Cool 4 deg C	PSEG01	K12	WELL-1	04/22/2019	SM5210 B
04/24/2019	Water	K2522-04	BOD5	Cool 4 deg C	PSEG01	K12	WELL-2	04/22/2019	SM5210 B

Date/Time 04/24/19 8:05
 Received by: IB
 Relinquished by: AB

Date/Time 04/24/19 9:30
 Received by: AB
 Relinquished by: IB