

**BOD5 LOG****Analysis Date:** 04/17/2019**QC BATCH ID:** LB102165**ANALYST:** Indiana**BOD Water:** WP73827**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP73829**Sodium Thiosulfate, 0.025N:** WP71781**GGA:** WP73828**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP73830

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

Meter Calibration1 : 8.7Zero DO Reading1 : 0.19 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.7Zero DO Reading2 : 0.18 mg/L (<=0.2 Criteria)



QC BATCH ID: LB102165

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 20.7

TIME IN: 10:00

TIME OUT: 11:30

DATE IN: 04/17/2019

DATE OUT: 04/22/2019

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
LB102165BL	1	No	6.0	N/A	20.20	300	8.69	8.69	0	0	0	
POLYSEED	1					10	8.60	5.81	2.79	0.56	0.57	
POLYSEED	2					15	8.55	4.41	4.14	0.55		
POLYSEED	3					20	8.50	2.46	6.04	0.6		
GGA	1					6	8.67	4.19	4.48	195.5	195.5	
GGA	2					6	8.64	3.50	5.14	228.5	228.5	
GGA	3					6	8.65	4.41	4.24	183.5	183.5	
K2424-01	1	No	6.8	N/A	18.70	5	8.67	7.71	-	0		
K2424-01	2					20	8.65	8.08	-	0		
K2424-01	3					50	8.64	7.80	-	0		
K2424-01	4					150	8.63	7.25	-	0		
K2425-02	1	No	6.8	N/A	18.90	5	8.69	8.07	-	0		
K2425-02	2					20	8.71	8.15	-	0		
K2425-02	3					50	8.73	8.31	-	0		
K2425-02	4					150	8.82	8.28	-	0		
K2425-03	1	No	6.8	N/A	18.90	5	8.70	7.40	-	0		
K2425-03	2					20	8.66	7.98	-	0		
K2425-03	3					50	8.73	7.93	-	0		
K2425-03	4					150	8.86	8.62	-	0		
K2425-04	1	No	6.8	N/A	18.80	5	8.68	8.24	-	0		
K2425-04	2					20	8.65	7.67	-	0		
K2425-04	3					50	8.56	8.01	-	0		
K2425-04	4					150	8.06	7.61	-	0		
K2425-04DUP	1	No	6.8	N/A	18.80	5	8.67	8.25	-	0		
K2425-04DUP	2					20	8.63	7.68	-	0		
K2425-04DUP	3					50	8.54	8.02	-	0		
K2425-04DUP	4					150	8.09	7.64	-	0		

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

2B102165

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD041619

WorkList ID : 124893

Date : 04-16-2019 10:49:51

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/17/2019	Water	K2424-01	BOD5	Cool 4 deg C	NATI04	K61	DSN001	04/15/2019	SM5210 B
04/17/2019	Water	K2425-02	BOD5	Cool 4 deg C	SHAW22	K31	KY038PS027-190415	04/15/2019	SM5210 B
04/17/2019	Water	K2425-03	BOD5	Cool 4 deg C	SHAW22	K31	KY038PS035-190415	04/15/2019	SM5210 B
04/17/2019	Water	K2425-04	BOD5	Cool 4 deg C	SHAW22	K31	KY038PS036-190415	04/15/2019	SM5210 B

Date/Time 04/17/19 8:30
 Received by: IB
 Relinquished by: IB

Date/Time 04/17/19 11:00
 Received by: IB
 Relinquished by: IB