

**BOD5 LOG****Analysis Date:** 04/18/2019**QC BATCH ID:** LB102213**ANALYST:** Indiana**BOD Water:** WP73874**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP73875**Sodium Thiosulfate, 0.025N:** WP73671**GGA:** WP73876**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	8.5	8.5	8.55
WINKLER 2	WINKLER 2	2	300	8.5	17.1	8.6	8.55

Meter Calibration1 : 8.55Zero DO Reading1 : 0.19 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.55Zero DO Reading2 : 0.17 mg/L (<=0.2 Criteria)



QC BATCH ID: LB102213

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 20.7

TIME IN: 13:30

TIME OUT: 12:00

DATE IN: 04/18/2019

DATE OUT: 04/23/2019

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
LB102213BL	1	No	6.0	N/A	20.10	300	8.54	8.51	0.03	0.03	0.03	
POLYSEED	1					10	8.41	5.50	2.91	0.58	0.58	
POLYSEED	2					15	8.30	4.49	3.81	0.51		
POLYSEED	3					20	8.25	1.88	6.37	0.64		
GGA	1					6	8.42	4.19	4.23	182.5	182.5	
GGA	2					6	8.45	4.15	4.3	186	186	
GGA	3					6	8.48	4.12	4.36	189	189	
K2446-01	1	No	6.4	N/A	18.70	0.5	8.49	8.31	-	0	188	
K2446-01	2					1	8.47	8.26	-	0		
K2446-01	3					2	8.45	7.11	-	0		
K2446-01	4					3	8.42	5.96	2.46	188		
K2446-01DUP	1	No	6.4	N/A	18.70	0.5	8.48	8.30	-	0	189	
K2446-01DUP	2					1	8.46	8.20	-	0		
K2446-01DUP	3					2	8.44	7.08	-	0		
K2446-01DUP	4					3	8.41	5.94	2.47	189		
K2450-03	1	No	6.8	N/A	18.80	5	8.48	8.20	-	0		
K2450-03	2					20	8.49	7.55	-	0		
K2450-03	3					50	8.51	6.71	-	0		
K2450-03	4					150	8.65	6.67	-	0		
K2461-01	1	No	6.3	N/A	18.80	1	8.50	8.46	-	0	9	
K2461-01	2					5	8.44	8.20	-	0		
K2461-01	3					20	8.23	7.53	-	0		
K2461-01	4					50	7.88	5.80	2.08	9		
K2461-02	1	No	6.4	N/A	18.80	1	8.51	8.40	-	0	8.7	
K2461-02	2					5	8.48	8.32	-	0		
K2461-02	3					20	8.34	7.87	-	0		
K2461-02	4					50	8.03	6.00	2.03	8.7		
K2461-03	1	No	6.4	N/A	18.70	1	8.49	8.05	-	0	21.12	
K2461-03	2					5	8.45	7.88	-	0		
K2461-03	3					20	8.14	7.11	-	0		
K2461-03	4					50	7.62	3.52	4.1	21.12		
K2461-04	1	No	7.8	N/A	18.70	1	8.48	8.04	-	0	24.06	
K2461-04	2					5	8.45	7.87	-	0		
K2461-04	3					20	8.39	7.15	-	0		
K2461-04	4					50	8.18	3.59	4.59	24.06		
K2461-05	1	No	9.6	7.0	18.70	1	8.50	8.48	-	0	8.82	pH Adjusted
K2461-05	2					5	8.44	8.32	-	0		
K2461-05	3					20	8.29	7.83	-	0		
K2461-05	4					50	7.73	5.68	2.05	8.82		
K2461-06	1	No	6.8	N/A	18.70	1	8.49	7.23	-	0	18.87	
K2461-06	2					5	8.45	6.78	-	0		

K2461-06	3					20	8.25	6.01	2.24	24.9		
K2461-06	4					50	7.84	5.12	2.72	12.84		

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

LB102213

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD041819

WorkList ID : 125010

Date : 04-18-2019 10:09:55

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/19/2019	Water	K2461-01	BOD5	Cool 4 deg C	WOOD06	K62	PZ-01	04/17/2019	SM5210 B
04/19/2019	Water	K2461-02	BOD5	Cool 4 deg C	WOOD06	K62	PZ-02	04/17/2019	SM5210 B
04/19/2019	Water	K2461-03	BOD5	Cool 4 deg C	WOOD06	K62	PZ-15	04/17/2019	SM5210 B
04/19/2019	Water	K2461-04	BOD5	Cool 4 deg C	WOOD06	K62	GMW-5	04/17/2019	SM5210 B
04/19/2019	Water	K2461-05	BOD5	Cool 4 deg C	WOOD06	K62	GMW-11	04/17/2019	SM5210 B
04/19/2019	Water	K2461-06	BOD5	Cool 4 deg C	WOOD06	K62	GMW-1	04/17/2019	SM5210 B
04/19/2019	Water	K2446-01	BOD5	Cool 4 deg C	ARAM01	--Select--	COMP	04/17/2019	SM5210 B
04/18/2019	Water	K2450-03	BOD5	Cool 4 deg C	SHAW22	K22	OUTFALL001-190416	04/16/2019	SM5210 B

Date/Time

Received by:

Relinquished by:

04/18/19 10:30



Date/Time

Received by:

Relinquished by:

04/18/19 12:15

