

**BOD5 LOG****Analysis Date:** 03/15/2019**QC BATCH ID:** LB101414**ANALYST:** Indiana**BOD Water:** WP72605**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP712606**Sodium Thiosulfate, 0.025N:** WP71781**GGA:** WP712607**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP72533

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.5	8.5	8.55
WINKLER2	WINKLER 2	2	300	8.5	17.1	8.6	

Meter Calibration1 : 8.55Zero DO Reading1 : 0.18 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.55Zero DO Reading2 : 0.17 mg/L (<=0.2 Criteria)



QC BATCH ID: LB101414

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:30

TIME OUT: 13:00

DATE IN: 03/15/2019

DATE OUT: 03/20/2019

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
LB101414BL	1	No	6.0	N/A	20.0	300	8.53	8.52	0.01	0.01	0.01	
POLYSEED	1					10	8.35	6.18	2.17	0.43	0.46	
POLYSEED	2					15	8.29	4.96	3.33	0.44		
POLYSEED	3					20	8.22	3.13	5.09	0.51		
GGA	1					6	8.41	4.10	4.31	192.5	192.5	
GGA	2					6	8.42	4.18	4.24	189	189	
GGA	3					6	8.45	4.15	4.3	192	192	
K1833-03	1	No	2.85	7.0	18.9	5	8.53	6.68	-	0	108.45	pH Adjusted
K1833-03	2					10	8.52	4.29	4.23	113.1		
K1833-03	3					20	8.49	1.11	7.38	103.8		
K1833-03	4					50	8.47	0.06	-	0		
K1934-02	1	No	6.4	N/A	18.8	0.5	8.46	7.36	-	0	660	
K1934-02	2					1	8.45	5.79	2.66	660		
K1934-02	3					5	8.44	0.12	-	0		
K1934-02	4					20	8.30	0.08	-	0		
K1934-02DUP	1	No	6.4	N/A	18.8	0.5	8.47	7.34	-	0	660	
K1934-02DUP	2					1	8.46	5.80	2.66	660		
K1934-02DUP	3					5	8.43	0.15	-	0		
K1934-02DUP	4					20	8.28	0.07	-	0		

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

LB101414

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5031419

WorkList ID : 123431

Date : 03-14-2019 14:16:48

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/16/2019	Water	K1934-02	BOD5	Cool 4 deg C	ARDM01	P51	EFF-VWV	03/14/2019	SM5210 B

Date/Time 03/15/19 15:30
Received by: IB
Relinquished by: JF

Date/Time 03/15/19 17:00
Received by: IB
Relinquished by: IB