

**BOD5 LOG****Analysis Date:** 02/06/2019**QC BATCH ID:** LB100686**ANALYST:** Indiana**BOD Water:** WP71460**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2472**POLYSEED:** WP71462**Sodium Thiosulfate, 0.025N:** W70959**GGA:** WP71461**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2350**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP71463

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.50	8.5	8.95
WINKLER2	WINKLER 2	2	300	8.50	17.9	9.4	

Meter Calibration1 : 8.5Zero DO Reading1 : 0.19 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.5Zero DO Reading2 : 0.18 mg/L (<=0.2 Criteria)



QC BATCH ID: LB100686

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 21

TIME IN: 10:50

TIME OUT: 12:50

DATE IN: 02/06/2019

DATE OUT: 02/11/2019

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
LB100686BL	1	No	6.4	N/A	22.8	300	8.49	8.49	0	0	0	
POLYSEED	1					10	8.39	0.11	-	0		
POLYSEED	2					15	8.37	0.07	-	0		
POLYSEED	3					20	8.34	0.07	-	0		
GGA	1					6	8.45	4.77	3.68	184	184	
GGA	2					6	8.41	4.83	3.58	179	179	
GGA	3					6	8.42	4.67	3.75	187.5	187.5	
K1380-02	1	No	6.4	N/A	22.8	5	8.41	7.25	-	0		
K1380-02	2					20	8.44	7.46	-	0		
K1380-02	3					50	8.45	7.43	-	0		
K1380-02	4					150	8.46	7.33	-	0		
K1380-02DUP	1	No	6.4	N/A	22.8	5	8.41	7.33	-	0		
K1380-02DUP	2					20	8.44	7.42	-	0		
K1380-02DUP	3					50	8.45	7.46	-	0		
K1380-02DUP	4					150	8.46	7.35	-	0		
K1380-03	1	No	6.4	N/A	23.1	5	8.47	7.42	-	0		
K1380-03	2					20	8.54	7.61	-	0		
K1380-03	3					50	8.71	7.95	-	0		
K1380-03	4					150	9.71	9.27	-	0		
K1380-04	1	No	6.4	N/A	23.4	5	8.41	7.54	-	0		
K1380-04	2					20	8.39	7.44	-	0		
K1380-04	3					50	8.18	7.47	-	0		
K1380-04	4					150	7.26	6.37	-	0		
K1386-02	1	No	6.0	N/A	18.9	5	8.43	7.40	-	0		
K1386-02	2					20	8.47	7.43	-	0		
K1386-02	3					50	8.58	7.59	-	0		
K1386-02	4					150	9.08	8.22	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5020619

WorkList ID : 122012

Date : 02-06-2019 10:00:52

213600686

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/06/2019	Water	K1380-02	BOD5	Cool 4 deg C	SHAW22	L51	KY038PS027-190204	02/04/2019	SM5210 B
02/06/2019	Water	K1380-03	BOD5	Cool 4 deg C	SHAW22	L51	KY038PS035-190204	02/04/2019	SM5210 B
02/06/2019	Water	K1380-04	BOD5	Cool 4 deg C	SHAW22	L51	KY038PS036-190204	02/04/2019	SM5210 B
02/07/2019	Water	K1386-02	BOD5	Cool 4 deg C	SHAW22	L53	OUTFALL001-190205	02/05/2019	SM5210 B

Date/Time 02/06/19, 10:10
 Received by: AS
 Relinquished by: CS

Date/Time 02/06/19, 12:00
 Received by: AS
 Relinquished by: AS