

**BOD5 LOG**

Analysis Date: 10/23/2019

QC BATCH ID: LB105886

ANALYST: chirag

BOD Water: WP79265

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2482

Alkaline Iodide Azide: W2472

POLYSEED: WP79266

Sodium Thiosulfate, 0.025N: WP76828

GGA: WP79267

NaOH, 0.25N: WP77359

Chlorine Strips: W2430

IncubatorID: Incubator#3

pH Strips: W2500

Zero DO: WP78637

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.00	8.2	8.2	8.25
WINKLER 2	WINKLER 2	2	300	8.2	16.5	8.3	8.25

Meter Calibration1 : 8.25

Zero DO Reading1 : 0.00 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.25

Zero DO Reading2 : 0.00 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB105886

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 13:30

TIME OUT: 13:55

DATE IN: 10/23/2019

DATE OUT: 10/28/2019

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
LB105886BL	1	No	6.2	N/A	19.00	300	8.25	8.25	0	0	0	
POLYSEED	1					10	8.12	4.31	3.81	0.76	0.67	
POLYSEED	2					15	8.11	3.33	4.78	0.64		
POLYSEED	3					20	8.12	1.88	6.24	0.62		
GGA	1					6	8.10	3.51	4.59	196	196	
GGA	2					6	8.11	3.45	4.66	199.5	199.5	
GGA	3					6	8.13	3.48	4.65	199	199	
K5486-02	1	No	7.2	N/A	19.50	5	8.15	7.50	-	0	4.72	
K5486-02	2					20	8.14	7.47	-	0		
K5486-02	3					50	8.11	6.88	-	0		
K5486-02	4					150	8.03	5.00	3.03	4.72		
K5486-02DUP	1	No	7.2	N/A	19.50	5	8.15	7.50	-	0	4.72	
K5486-02DUP	2					20	8.14	7.47	-	0		
K5486-02DUP	3					50	8.11	6.88	-	0		
K5486-02DUP	4					150	8.03	5.00	3.03	4.72		
K5486-03	1	No	7.4	N/A	19.50	5	8.16	7.65	-	0		
K5486-03	2					20	8.17	7.55	-	0		
K5486-03	3					50	8.20	7.54	-	0		
K5486-03	4					150	8.18	6.71	-	0		
K5486-04	1	No	7.2	N/A	19.00	5	8.25	7.35	-	0	8.82	
K5486-04	2					20	8.21	6.98	-	0		
K5486-04	3					50	8.16	6.02	2.14	8.82		
K5486-04	4					150	7.85	5.98	-	0		
K5490-12	1	No	6.0	N/A	19.00	5	8.25	6.02	2.23	93.6	81.07	
K5490-12	2					20	8.24	3.00	5.24	68.55		
K5490-12	3					50	8.23	0.07	-	0		
K5490-12	4					150	8.20	0.05	-	0		

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

18105886

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD102319 WorkList ID : 132439 Department : Wet-Chemistry Date : 10-23-2019 07:42:49

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/23/2019	Water	K5486-02	BOD5	Cool 4 deg C	SHAW22	D31	KY038PS027-191021	10/21/2019	SM5210 B
10/23/2019	Water	K5486-03	BOD5	Cool 4 deg C	SHAW22	D31	KY038PS037-191021	10/21/2019	SM5210 B
10/23/2019	Water	K5486-04	BOD5	Cool 4 deg C	SHAW22	D31	KY038PS038-191021	10/21/2019	SM5210 B
10/24/2019	Water	K5490-12	BOD5	Cool 4 deg C	CARP01		CLEARWELL	10/22/2019	SM5210 B

Date/Time 10/23/19 18:00
Received by: CS
Relinquished by: CS

Date/Time 10/23/19 18:45
Received by: CS
Relinquished by: CS