

**BOD5 LOG**

Analysis Date: 07/30/2020

QC BATCH ID: LB110291

ANALYST: jignesh

BOD Water: WP85902

SUPERVISOR: apatel

Starch: W2703

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP85903

Sodium Thiosulfate, 0.025N: WP84605

GGA: WP85904

NaOH, 0.25N: WP80974

Chlorine Strips: W2543

IncubatorID: INCUBATOR #3

pH Strips: W2716

Zero DO: WP85367

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.7	8.7	8.65
WINKLER 2	WINKLER 2	2	300	8.7	17.3	8.6	8.65

Meter Calibration1 : 8.65

Zero DO Reading1 : 0.03 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.65

Zero DO Reading2 : 0.02 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB110291

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 13:20

TIME OUT: 10:00

DATE IN: 07/30/2020

DATE OUT: 08/04/2020

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
LB110291BL	1	No	6.0	N/A	24.50	300	8.64	8.64	0	0	0	
POLYSEED	1					10	8.56	3.67	4.89	0.98	0.85	
POLYSEED	2					15	8.52	2.22	6.3	0.84		
POLYSEED	3					20	8.46	1.17	7.29	0.73		
GGA	1					6	8.60	3.32	5.28	221.5	221.5	
GGA	2					6	8.56	4.30	4.26	170.5	170.5	
GGA	3					6	8.56	3.83	4.73	194	194	
L3514-02	1	No	5.22	7.2	18.70	5	8.60	7.67	-	0		pH Adjusted
L3514-02	2					20	8.60	7.57	-	0		
L3514-02	3					50	8.57	7.38	-	0		
L3514-02	4					150	8.53	7.19	-	0		
L3514-03	1	No	5.50	7.2	18.80	5	8.58	7.79	-	0		pH Adjusted
L3514-03	2					20	8.52	7.67	-	0		
L3514-03	3					50	8.30	7.17	-	0		
L3514-03	4					150	8.02	7.05	-	0		
L3514-03DUP	1	No	5.50	7.2	18.80	5	8.58	7.80	-	0		pH Adjusted
L3514-03DUP	2					20	8.49	7.69	-	0		
L3514-03DUP	3					50	8.32	7.20	-	0		
L3514-03DUP	4					150	8.09	7.07	-	0		
L3514-06	1	No	6.0	N/A	18.10	5	8.49	6.77	-	0		
L3514-06	2					20	8.44	6.61	-	0		
L3514-06	3					50	8.14	6.41	-	0		
L3514-06	4					150	6.95	5.88	-	0		
L3514-07	1	No	6.4	N/A	18.70	5	8.51	7.63	-	0		
L3514-07	2					20	8.44	7.52	-	0		
L3514-07	3					50	8.25	6.95	-	0		
L3514-07	4					150	7.55	6.20	-	0		
L3514-08	1	No	6.0	N/A	18.20	5	8.49	7.67	-	0		
L3514-08	2					20	8.47	7.13	-	0		
L3514-08	3					50	7.96	7.09	-	0		
L3514-08	4					150	6.46	5.09	-	0		

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

LB110291 WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-7302020 WorkList ID : 141004 Department : Wet-Chemistry Date : 07-30-2020 11:17:21

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
07/31/2020	Water	L3514-02	BOD5 C	Cool 4 deg C	LOCK01	I51	PK-10S	07/29/2020	SM5210 B
07/31/2020	Water	L3514-03	BOD5 A	Cool 4 deg C	LOCK01	I51	PK-10D	07/29/2020	SM5210 B
07/31/2020	Water	L3514-06	BOD5 C	Cool 4 deg C	LOCK01	I51	PK-10I	07/29/2020	SM5210 B
07/31/2020	Water	L3514-07	BOD5 C	Cool 4 deg C	LOCK01	I51	PK-12I	07/29/2020	SM5210 B
07/31/2020	Water	L3514-08	BOD5 C	Cool 4 deg C	LOCK01	I51	PK-12D	07/29/2020	SM5210 B

Date/Time 7/30/2020 11:40

Received by: AM Cwetchem

Relinquished by: JN Cwetchem

Date/Time 7/30/2020 13:30

Received by: JN Cwetchem

Relinquished by: AM Cwetchem