

**BOD5 LOG**

Analysis Date: 07/31/2020

QC BATCH ID: LB110314

ANALYST: jignesh

BOD Water: WP85956

SUPERVISOR: apatel

Starch: W2703

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP85958

Sodium Thiosulfate, 0.025N: WP84605

GGA: WP85957

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	8.75
WINKLER 2	WINKLER 2	2	300	8.7	17.5	8.8	8.75

Meter Calibration1 : 8.75

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

Meter Calibration2 : 8.75

Zero DO Reading2 : 0.04 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB110314

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 15:30

TIME OUT: 10:00

DATE IN: 07/31/2020

DATE OUT: 08/05/2020

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
LB110314BL	1	No	6.0	N/A	17.90	300	8.75	8.75	0	0	0	
POLYSEED	1					10	8.65	4.10	4.55	0.91	0.79	
POLYSEED	2					15	8.61	2.83	5.78	0.77		
POLYSEED	3					20	8.55	1.73	6.82	0.68		
GGA	1					6	8.69	3.84	4.85	203	203	
GGA	2					6	8.67	3.97	4.7	195.5	195.5	
GGA	3					6	8.65	4.05	4.6	190.5	190.5	
L3532-01	1	No	8.0	N/A	24.10	0.5	8.73	7.94	-	0	87	
L3532-01	2					1	8.73	7.71	-	0		
L3532-01	3					2	8.72	7.51	-	0		
L3532-01	4					5	8.70	6.87	-	0		
L3532-01	5					10	8.62	4.93	3.69	87		
L3532-01DUP	1	No	8.0	N/A	24.10	0.5	8.74	7.95	-	0	87	
L3532-01DUP	2					1	8.74	7.72	-	0		
L3532-01DUP	3					2	8.73	7.53	-	0		
L3532-01DUP	4					5	8.71	6.89	-	0		
L3532-01DUP	5					10	8.64	4.95	3.69	87		
L3532-05	1	No	4.52	7.0	24.10	0.01	8.74	7.42	-	0	5976	pH Adjusted
L3532-05	2					0.05	8.72	6.74	-	0		
L3532-05	3					0.1	8.71	5.01	3.7	8730		
L3532-05	4					0.5	8.70	2.54	6.16	3222		
L3532-05	5					1	8.68	0.07	-	0		

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

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod 13532 WorkList ID : 141053 Department : Wet-Chemistry Date : 07-31-2020 13:49:13

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/01/2020	Water	L3532-01	BOD5	Cool 4 deg C	HOLL01	I53	EFFLUENT	07/30/2020	SM5210 B
08/01/2020	Water	L3532-05	BOD5	Cool 4 deg C	HOLL01	I53	INFLUENT	07/30/2020	SM5210 B

Date/Time 07-31-2020 13:50
Received by: Jo (wet-chem)
Relinquished by: AM (wet-chem)

Date/Time 07-31-2020 16:35
Received by: AM (wet-chem)
Relinquished by: Jo (wet-chem)