

**BOD5 LOG**

Analysis Date: 02/28/2020

QC BATCH ID: LB108026

ANALYST: jignesh

BOD Water: WP82573

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP82574

Sodium Thiosulfate, 0.025N: WP81413

GGA: WP82575

NaOH, 0.25N: WP80974

Chlorine Strips: W2543

IncubatorID: INCUBATOR #3

pH Strips: W2644

Zero DO: WP81261

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.2	9.2	9.25
WINKLER 2	WINKLER 2	2	300	9.2	18.5	9.3	9.25

Meter Calibration1 : 9.25

Zero DO Reading1 : 0.05 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 9.25

Zero DO Reading2 : 0.03 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB108026

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 13:40

TIME OUT: 11:00

DATE IN: 02/28/2020

DATE OUT: 03/04/2020

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
LB108026BL	1	No	6.0	N/A	21.20	300	9.25	9.25	0	0	0	
POLYSEED	1					10	9.19	5.45	3.74	0.75	0.69	
POLYSEED	2					15	9.17	4.18	4.99	0.67		
POLYSEED	3					20	9.15	2.52	6.63	0.66		
GGA	1					6	9.14	4.17	4.97	214	214	
GGA	2					6	9.16	4.48	4.68	199.5	199.5	
GGA	3					6	9.17	4.72	4.45	188	188	
L1717-01	1	No	7.2	N/A	13.10	1	9.19	7.71	-	0	142.5	
L1717-01	2					5	9.22	5.08	4.14	207		
L1717-01	3					20	9.08	3.19	5.89	78		
L1717-01	4					50	8.53	0.15	-	0		
L1717-01	5					150	7.44	0.09	-	0		
L1724-01	1	No	6.4	N/A	13.20	1	9.19	8.06	-	0	174	
L1724-01	2					5	9.18	5.59	3.59	174		
L1724-01	3					20	8.98	0.18	-	0		
L1724-01	4					50	8.40	0.14	-	0		
L1724-01	5					150	5.55	0.12	-	0		
L1724-01DUP	1	No	6.4	N/A	13.20	1	9.18	8.09	-	0	171.6	
L1724-01DUP	2					5	9.17	5.62	3.55	171.6		
L1724-01DUP	3					20	9.00	0.19	-	0		
L1724-01DUP	4					50	8.37	0.15	-	0		
L1724-01DUP	5					150	5.72	0.11	-	0		

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

WORKLIST(Hardcopy Internal Chain)

108026

WorkList Name : bod 11724 WorkList ID : 136573 Department : Wet-Chemistry Date : 02-28-2020 12:40:04

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/29/2020	Water	L1717-01- <u>OK</u>	BOD5	Cool 4 deg C	PSEG01	Q32	PLANK-MANHOLE	02/27/2020	SM5210 B
03/01/2020	Water	L1724-01- <u>OK</u>	BOD5	Cool 4 deg C	PSEG01	I42	A2828	02/28/2020	SM5210 B

Date/Time 02-28-2020 12:56
 Received by: SP
 Relinquished by: SP

Date/Time 02-28-2020 16:10
 Received by: 36
 Relinquished by: 39