

**BOD5 LOG****Analysis Date:** 03/13/2020**QC BATCH ID:** LB108274**ANALYST:** jignesh**BOD Water:** WP82901**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP82902**Sodium Thiosulfate, 0.025N:** WP81413**GGA:** WP82903**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	9.2	9.2	9.15
WINKLER 2	WINKLER 2	2	300	9.2	18.3	9.1	9.15

Meter Calibration1 : 9.15

Zero DO Reading1 : 0.04 mg/L (<=0.2 Criteria)

After Incubation

Meter Calibration2 : 9.15

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



QC BATCH ID: LB108274

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 17:30

TIME OUT: 11:00

DATE IN: 03/13/2020

DATE OUT: 03/18/2020

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
LB108274BL	1	No	6.0	N/A	21.80	300	9.15	9.15	0	0	0	
POLYSEED	1					10	9.13	5.45	3.68	0.74	0.68	
POLYSEED	2					15	9.10	4.46	4.64	0.62		
POLYSEED	3					20	9.05	2.17	6.88	0.69		
GGA	1					6	9.10	4.17	4.93	212.5	212.5	
GGA	2					6	9.10	4.00	5.1	221	221	
GGA	3					6	9.10	3.93	5.17	224.5	224.5	
L1942-09	1	No	7.0	N/A	18.20	1	9.12	8.83	-	0	11.64	
L1942-09	2					5	9.12	8.17	-	0		
L1942-09	3					20	9.06	8.09	-	0		
L1942-09	4					50	9.06	6.19	2.87	13.14		
L1942-09	5					150	9.06	3.31	5.75	10.14		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD L1942 WorkList ID : 137030 Department : Wet-Chemistry Date : 03-13-2020 16:19:39

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/15/2020	Water	L1942-09	BOD5	Cool 4 deg C	PSEG01		GW-TP-10	03/13/2020	SM5210 B

Date/Time 03.13.2020 11.20
 Received by: [Signature]
 Relinquished by: [Signature]

Date/Time 03.13.2020 18.00
 Received by: [Signature]
 Relinquished by: [Signature]