

**BOD5 LOG****Analysis Date:** 10/28/2020**QC BATCH ID:** LB111734**ANALYST:** jignesh**BOD Water:** WP87872**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2742**POLYSEED:** WP87874**Sodium Thiosulfate, 0.025N:** WP87313**GGA:** WP87873**NaOH, 0.25N:** WP86593**Chlorine Strips:** W2543**IncubatorID:** INCUBATOR #3**pH Strips:** W2716**Zero DO:** WP87426

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	9
WINKLER 2	WINKLER 2	2	300	8.9	18.0	9.1	9

Meter Calibration1 : 9.0Zero DO Reading1 : 0.03 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 9.00Zero DO Reading2 : 0.04 mg/L (<=0.2 Criteria)



QC BATCH ID: LB111734

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 07:55

TIME OUT: 10:02

DATE IN: 10/28/2020

DATE OUT: 11/02/2020

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
LB111734BL	1	No	6.0	N/A	20.90	300	9.00	9.00	0	0	0	
POLYSEED	1					10	8.94	4.32	4.62	0.92	0.85	
POLYSEED	2					15	8.93	2.42	6.51	0.87		
POLYSEED	3					20	8.91	1.31	7.6	0.76		
GGA	1					6	8.88	4.14	4.74	194.5	194.5	
GGA	2					6	8.87	4.55	4.32	173.5	173.5	
GGA	3					6	8.87	4.37	4.5	182.5	182.5	
L4516-01	1	No	5.54	7.2	19.80	5	8.95	8.72	-	0		pH Adjusted
L4516-01	2					20	8.95	8.57	-	0		
L4516-01	3					50	8.95	8.31	-	0		
L4516-01	4					150	8.94	7.99	-	0		
L4516-01DUP	1	No	5.54	7.2	19.80	5	8.96	8.73	-	0		pH Adjusted
L4516-01DUP	2					20	8.95	8.59	-	0		
L4516-01DUP	3					50	8.94	8.33	-	0		
L4516-01DUP	4					150	8.94	8.01	-	0		
L4516-04	1	No	5.81	N/A	19.00	5	8.92	8.68	-	0		
L4516-04	2					20	8.92	8.57	-	0		
L4516-04	3					50	8.86	8.51	-	0		
L4516-04	4					150	8.71	8.25	-	0		
L4520-01	1	No	8.42	7.2	19.20	5	8.94	8.70	-	0		pH Adjusted
L4520-01	2					20	8.91	8.56	-	0		
L4520-01	3					50	8.72	8.39	-	0		
L4520-01	4					150	8.05	7.25	-	0		

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

LB111734

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-102820

WorkList ID : 143698

Department : Wet-Chemistry

Date : 10-28-2020 07:08:47

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/28/2020	Water	L4516-01 F	BOD5	Cool 4 deg C	PSEG01	D41	FRAC-TANK-1	10/26/2020	SM5210 B
10/28/2020	Water	L4516-04 G	BOD5	Cool 4 deg C	PSEG01	D41	FRAC-TANK-2	10/26/2020	SM5210 B
10/28/2020	Water	L4520-01 F	BOD5	Cool 4 deg C	PSEG01	D41	PS-FRAC	10/26/2020	SM5210 B

Date/Time 10/28/2020 7:10
Received by: KS (Wetchem)
Relinquished by: AM (Wet-Chem)

Date/Time 10/28/2020 7:58
Received by: AM (Wet-Chem)
Relinquished by: KS (Wetchem)