

**BOD5 LOG****Analysis Date:** 12/19/2018**QC BATCH ID:** LB100017**ANALYST:** jignesh**BOD Water:** WP70415**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP70414**Sodium Thiosulfate, 0.025N:** WP69572**GGA:** WP70417**NaOH, 0.25N:** WP68486**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP70049

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.3	8.3	8.5
WINKLER2	WINKLER 2	2	300	8.3	17.0	8.7	

Meter Calibration1 : 8.50

Zero DO Reading1 : 0.18 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.50

Zero DO Reading2 : 0.17 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB100017

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 12:00

TIME OUT: 11:00

DATE IN: 12/19/2018

DATE OUT: 12/24/2018

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
LB100017BL	1	No	6.8	N/A	18.9	300	8.49	8.48	0.01	0.01	0.01	
POLYSEED	1					10	8.47	4.66	3.81	0.76	0.77	
POLYSEED	2					15	8.45	1.72	6.73	0.9		
POLYSEED	3					20	8.30	1.94	6.36	0.64		
GGA	1					6	8.44	3.96	4.48	185.5	185.5	
GGA	2					6	8.40	3.79	4.61	192	192	
GGA	3					6	8.45	3.58	4.87	205	205	
J6462-06	1	No	8.97	7.0	20.0	5	8.81	4.84	3.97	192	192	pH Adjusted
J6462-06	2					20	8.97	0.06	-	0		
J6462-06	3					50	9.33	0.05	-	0		
J6462-06	4					150	10.12	0.04	-	0		
J6472-03	1	No	7.98	N/A	18.8	5	8.20	6.30	-	0	49.25	
J6472-03	2					20	9.58	4.86	4.72	59.25		
J6472-03	3					50	10.44	3.13	7.31	39.24		
J6472-03	4					150	11.83	0.50	-	0		
J6488-03	1	No	6.8	N/A	18.7	5	8.53	6.60	-	0		
J6488-03	2					20	8.74	6.90	-	0		
J6488-03	3					50	9.30	7.40	-	0		
J6488-03	4					150	10.11	8.23	-	0		
J6488-03DUP	1	No	6.8	N/A	18.7	5	8.55	6.58	-	0		
J6488-03DUP	2					20	8.75	6.88	-	0		
J6488-03DUP	3					50	9.29	7.37	-	0		
J6488-03DUP	4					150	10.15	8.18	-	0		

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

LB 100017

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD121918

WorkList ID : 120600

Date : 12/19/2018 8:31:24 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/19/2018	Water	J6462-06	BOD5	Cool 4 deg C	PSEG01	E21	OILY-WATER	12/17/2018	SM5210 B
12/20/2018	Water	J6472-03	BOD5	Cool 4 deg C	PSEG01	E31	OILY-WATER	12/18/2018	SM5210 B
12/20/2018	Water	J6488-03	BOD5	Cool 4 deg C	SHAW22	D41	OUTFALL001-181218	12/18/2018	SM5210 B

Date/Time 12/19/18 8:35
 Received by: IB
 Relinquished by: JA

Date/Time 12/19/18 10:30
 Received by: IB
 Relinquished by: IB