



BOD5 LOG

Analysis Date: 11/22/2019

QC BATCH ID: LB106444

ANALYST: jignesh

BOD Water: WP80037

SUPERVISOR: apatel

Starch: w2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2602

Alkaline Iodide Azide: W2472

POLYSEED: WP80039

Sodium Thiosulfate, 0.025N: WP78865

GGA: WP80038

NaOH, 0.25N: WP77359

Chlorine Strips: W2430

IncubatorID: Incubator-3

pH Strips: W2350

Zero DO: WP79815

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.5	8.5	8.6
WINKLER 2	WINKLER 2	2	300	8.5	17.2	8.7	8.6

Meter Calibration1 : 8.60

Zero DO Reading1 : 0.00 mg/L (≤ 0.2 Criteria)After Incubation

Meter Calibration2 : 8.60

Zero DO Reading2 : 0.00 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB106444

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 12:20

TIME OUT: 10:00

DATE IN: 11/22/2019

DATE OUT: 11/27/2019

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
LB106444BL	1	No	6.0	N/A	19.60	300	8.60	8.60	0	0	0	
POLYSEED	1					10	8.46	5.13	3.33	0.67	0.62	
POLYSEED	2					15	8.45	3.95	4.5	0.6		
POLYSEED	3					20	8.33	2.34	5.99	0.6		
GGA	1					6	8.48	3.44	5.04	221	221	
GGA	2					6	8.50	3.30	5.2	229	229	
GGA	3					6	8.53	3.92	4.61	199.5	199.5	
K5974-01	1	No	6.4	N/A	16.30	0.05	8.54	5.94	2.6	11880	11880	
K5974-01	2					0.1	8.55	7.07	-	0		
K5974-01	3					0.5	8.53	0.09	-	0		
K5974-01	4					1	8.53	0.06	-	0		
K5974-01	5					10	8.33	0.04	-	0		
K5974-01DUP	1	No	6.4	N/A	16.30	0.05	8.55	5.97	2.58	11760	11760	
K5974-01DUP	2					0.1	8.57	7.08	-	0		
K5974-01DUP	3					0.5	8.54	0.08	-	0		
K5974-01DUP	4					1	8.55	0.05	-	0		
K5974-01DUP	5					10	8.35	0.07	-	0		
K5986-01	1	No	7.2	N/A	16.40	0.5	8.52	6.90	-	0	512.25	
K5986-01	2					1	8.51	6.12	2.39	531		
K5986-01	3					2	8.47	4.56	3.91	493.5		
K5986-01	4					5	8.39	0.54	-	0		
K5986-01	5					10	8.22	0.07	-	0		
K5986-03	1	No	4.92	7.0	15.80	0.01	8.54	6.58	-	0	11400	pH Adjusted
K5986-03	2					0.05	8.52	6.00	2.52	11400		
K5986-03	3					0.1	8.53	0.09	-	0		
K5986-03	4					0.5	8.53	0.07	-	0		
K5986-03	5					1	8.54	0.05	-	0		

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

LB106444

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD K5974 WorkList ID : 133576 Department : Wet-Chemistry Date : 11-22-2019 08:09:12

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/23/2019	Water	K5974-01 ✓	BOD5	Cool 4 deg C	MAJ001	I21	DRAIN-WATER-TANK-1	11/21/2019	SM5210 B
11/23/2019	Water	K5986-01 ~β	BOD5	Cool 4 deg C	HOLL01	I31	EFFLUENT	11/21/2019	SM5210 B
11/23/2019	Water	K5986-03 ~β	BOD5	Cool 4 deg C	HOLL01	I31	INFLUENT	11/21/2019	SM5210 B

Date/Time 11.22.19 10.40
Received by: JZ
Relinquished by: JZ

Date/Time 11.22.19 13.30
Received by: JZ
Relinquished by: JZ