



BOD5 LOG

Analysis Date: 12/23/2019

QC BATCH ID: LB106908

ANALYST: Alexander

BOD Water: WP80736

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2482

Alkaline Iodide Azide: W2472

POLYSEED: WP80737

Sodium Thiosulfate, 0.025N: WP80247

GGA: WP80738

NaOH, 0.25N: WP77359

Chlorine Strips: W2430

IncubatorID: INCUBATOR-3

pH Strips: W2015

Zero DO: WP80479

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.00	8.70	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.70	17.40	8.7	8.7

Meter Calibration1 : 8.70

Zero DO Reading1 : 0.03 mg/L (≤ 0.2 Criteria)After Incubation

Meter Calibration2 : 8.73

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



QC BATCH ID: LB106908

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:10

TIME OUT: 11:30

DATE IN: 12/23/2019

DATE OUT: 12/28/2019

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
LB106908BL	1	No	6.0	N/A	21.00	300	8.73	8.73	0	0	0	
POLYSEED	1					10	8.61	4.51	4.1	0.82	0.7	
POLYSEED	2					15	8.56	3.78	4.78	0.64		
POLYSEED	3					20	8.50	2.10	6.4	0.64		
GGA	1					6	8.61	3.65	4.96	213	213	
GGA	2					6	8.62	3.78	4.84	207	207	
GGA	3					6	8.62	3.70	4.92	211	211	
K6410-02	1	No	6.2	N/A	17.00	0.5	8.62	6.97	-	0	413.5	
K6410-02	2					1	8.60	5.94	2.66	588		
K6410-02	3					2	8.58	5.27	3.31	391.5		
K6410-02	4					3	8.56	5.25	3.31	261		
K6410-02DUP	1	No	6.2	N/A	17.00	0.5	8.61	6.99	-	0	390	
K6410-02DUP	2					1	8.59	6.36	2.23	459		
K6410-02DUP	3					2	8.58	4.86	3.72	453		
K6410-02DUP	4					3	8.57	5.29	3.28	258		
K6412-01	1	No	7.41	N/A	21.20	0.5	8.69	5.12	3.57	1722	625.2	
K6412-01	2					1	8.66	7.22	-	0		
K6412-01	3					2	8.64	5.68	2.96	339		
K6412-01	4					5	8.59	3.64	4.95	255		
K6412-01	5					10	8.45	1.59	6.86	184.8		
K6412-05	1	No	5.18	7.20	20.30	0.01	8.67	8.30	-	0	11085	pH Adjusted
K6412-05	2					0.05	8.67	5.82	2.85	12900		
K6412-05	3					0.1	8.67	4.88	3.79	9270		
K6412-05	4					0.5	8.66	0.07	-	0		
K6412-05	5					1	8.64	0.06	-	0		

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

LB106908

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD12232019

WorkList ID : 134503

Department : Wet-Chemistry

Date : 12-23-2019 13:34:05

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/25/2019	Water	K6410-02	BOD5	Cool 4 deg C	ARAM01	D52	COMP	12/23/2019	SM5210 B
12/21/2019	Water	K6412-01	BOD5	Cool 4 deg C	HOLL01	D61	EFFLUENT	12/19/2019	SM5210 B
12/21/2019	Water	K6412-05	BOD5	Cool 4 deg C	HOLL01	D61	INFLUENT	12/19/2019	SM5210 B

Date/Time

Received by:

Relinquished by:

12/23/2019 17:00

AM

AP

Date/Time

Received by:

Relinquished by:

12/23/2019 17:30

SO

AM