

**BOD5 LOG****Analysis Date:** 12/11/2019**QC BATCH ID:** LB106690**ANALYST:** Alexander**BOD Water:** 0.00WP80433**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP80435**Sodium Thiosulfate, 0.025N:** WP80247**GGA:** WP80434**NaOH, 0.25N:** WP77359**Chlorine Strips:** W2430**IncubatorID:** Incubator-3**pH Strips:** W2350**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	0.0	8.40	8.4	8.5
WINKLER 2	WINKLER 2	2	300	8.40	17.0	8.6	8.5

Meter Calibration1 : 8.5Zero DO Reading1 : 0.00 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.50Zero DO Reading2 : 0.09 mg/L (<=0.2 Criteria)



QC BATCH ID: LB106690

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 15:00

TIME OUT: 09:20

DATE IN: 12/11/2019

DATE OUT: 12/16/2019

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
LB106690BL	1	No	6.00	N/A	22.20	300	8.50	8.50	0	0	0	
POLYSEED	1					10	8.48	5.21	3.27	0.65	0.63	
POLYSEED	2					15	8.46	3.58	4.88	0.65		
POLYSEED	3					20	8.41	2.55	5.86	0.59		
GGA	1					6	8.43	3.52	4.91	214	214	
GGA	2					6	8.43	3.81	4.62	199.5	199.5	
GGA	3					6	8.42	3.59	4.83	210	210	
K5664-04	1	No	6.30	N/A	21.70	5	8.47	5.63	2.84	132.6	116.55	
K5664-04	2					20	8.35	1.02	7.33	100.5		
K5664-04	3					50	8.08	0.06	-	0		
K5664-04	4					150	6.90	0.08	-	0		
K5674-01	1	No	6.00	N/A	21.30	5	8.40	6.42	-	0	47.7	
K5674-01	2					20	8.23	4.42	3.81	47.7		
K5674-01	3					50	7.75	0.08	-	0		
K5674-01	4					150	5.41	0.06	-	0		
K6237-02	1	No	7.00	N/A	21.50	5	8.45	7.39	-	0	4.86	
K6237-02	2					20	8.45	7.29	-	0		
K6237-02	3					50	8.48	6.78	-	0		
K6237-02	4					150	8.58	5.52	3.06	4.86		
K6237-03	1	No	7.10	N/A	21.50	5	8.50	6.88	-	0		
K6237-03	2					20	8.46	7.83	-	0		
K6237-03	3					50	8.49	7.83	-	0		
K6237-03	4					150	8.59	7.56	-	0		
K6237-04	1	No	7.10	N/A	21.50	5	8.48	7.70	-	0		
K6237-04	2					20	8.40	6.71	-	0		
K6237-04	3					50	8.35	7.74	-	0		
K6237-04	4					150	7.97	6.99	-	0		
K6237-04DUP	1	No	7.20	N/A	21.50	5	8.47	7.72	-	0		
K6237-04DUP	2					20	8.38	6.70	-	0		
K6237-04DUP	3					50	8.36	7.62	-	0		
K6237-04DUP	4					150	7.88	6.97	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB106690

WorkList Name : 12112019BOD WorkList ID : 134095 Department : Wet-Chemistry Date : 12-11-2019 12:04:15

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/12/2019	Water	K5664-04	BOD5	Cool 4 deg C	PSEG01	J33	02-03-08-09-10-11-12-COMP	12/10/2019	SM5210 B
12/12/2019	Water	K5674-01	BOD5	Cool 4 deg C	PSEG01	J22	OILY-WATER-DRUM	12/10/2019	SM5210 B
12/11/2019	Water	K6237-02	BOD5	Cool 4 deg C	SHAW22	D21	KY038PS027-191209	12/09/2019	SM5210 B
12/11/2019	Water	K6237-03	BOD5	Cool 4 deg C	SHAW22	D21	KY038PS037-191209	12/09/2019	SM5210 B
12/11/2019	Water	K6237-04	BOD5	Cool 4 deg C	SHAW22	D21	KY038PS038-191209	12/09/2019	SM5210 B

Date/Time 12-11-19 12:05
 Received by: Alexander Wilson
 Relinquished by: 50

Date/Time 12-11-19 16:00
 Received by: Alexander Wilson
 Relinquished by: 50