

**BOD5 LOG****Analysis Date:** 06/19/2019**QC BATCH ID:** LB103498**ANALYST:** ARIEL**BOD Water:** WP75620**SUPERVISOR:** AMANDEEP**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP75622**Sodium Thiosulfate, 0.025N:** WP74519**GGA:** WP75621**NaOH, 0.25N:** WP66873**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP754450

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.1	9.0	8.9	8.75
WINKLER 2	WINKLER 2	2	300	9.0	17.6	8.6	8.75

Meter Calibration1 : 8.75

Zero DO Reading1 : 0.02 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.75

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



QC BATCH ID: LB103498

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 20.8

TIME IN: 09:45

TIME OUT: 10:25

DATE IN: 06/19/2019

DATE OUT: 06/24/2019

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
LB103498BL	1	No	6.0	N/A	21.50	300	8.64	8.09	0.55	0.55	0.55	
POLYSEED	1					10	8.60	4.61	3.99	0.8	0.78	
POLYSEED	2					15	8.55	2.40	6.15	0.82		
POLYSEED	3					20	8.52	1.19	7.33	0.73		
GGA	1					6	8.56	3.30	5.26	224	224	
GGA	2					6	8.58	4.17	4.41	181.5	181.5	
GGA	3					6	8.56	3.36	5.2	221	221	
K3423-01	1	No	6.4	N/A	20.90	1	8.60	7.64	-	0	13.98	
K3423-01	2					5	8.58	7.65	-	0		
K3423-01	3					20	8.52	6.95	-	0		
K3423-01	4					50	8.38	5.27	3.11	13.98		
K3427-02	1	No	6.4	N/A	21.00	5	8.59	8.16	-	0		
K3427-02	2					20	8.60	7.86	-	0		
K3427-02	3					50	8.63	7.98	-	0		
K3427-02	4					150	8.74	7.93	-	0		
K3427-03	1	No	6.8	N/A	20.90	5	8.59	8.15	-	0		
K3427-03	2					20	8.67	8.36	-	0		
K3427-03	3					50	8.82	8.81	-	0		
K3427-03	4					150	9.32	9.31	-	0		
K3427-04	1	No	6.4	N/A	20.90	5	8.57	7.74	-	0		
K3427-04	2					20	8.50	7.60	-	0		
K3427-04	3					50	8.41	7.93	-	0		
K3427-04	4					150	8.06	7.64	-	0		
K3433-01	1	No	6.0	N/A	20.90	1	8.55	7.90	-	0	50.25	
K3433-01	2					5	8.51	7.17	-	0		
K3433-01	3					20	8.32	4.19	4.13	50.25		
K3433-01	4					50	7.85	0.07	-	0		
K3441-05	1	No	7.0	N/A	20.90	1	8.54	6.96	-	0		
K3441-05	2					5	8.50	8.01	-	0		
K3441-05	3					20	8.41	6.74	-	0		
K3441-05	4					50	8.12	7.34	-	0		
K3441-05DUP	1	No	7.0	N/A	20.90	1	8.53	6.92	-	0		
K3441-05DUP	2					5	8.51	8.00	-	0		
K3441-05DUP	3					20	8.41	6.70	-	0		
K3441-05DUP	4					50	8.10	7.35	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD061919

WorkList ID : 127589

Date : 06-19-2019 07:34:28 LB 63498

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
06/19/2019	Water	K3423-01	BOD5	Cool 4 deg C	NATU02	I11	BELVIDERE-WATER	06/17/2019	SM5210 B
06/19/2019	Water	K3427-02	BOD5	Cool 4 deg C	SHAW22	I12	KY038PS027-190617	06/17/2019	SM5210 B
06/19/2019	Water	K3427-03	BOD5	Cool 4 deg C	SHAW22	I12	KY038PS037-190617	06/17/2019	SM5210 B
06/19/2019	Water	K3427-04	BOD5	Cool 4 deg C	SHAW22	I12	KY038PS038-190617	06/17/2019	SM5210 B
06/20/2019	Water	K3433-01	BOD5	Cool 4 deg C	PSEG01	K12	OILY-WATER	06/18/2019	SM5210 B
06/20/2019	Water	K3441-05	BOD5	Cool 4 deg C	PSEG01	K13	GWMH-4	06/18/2019	SM5210 B

Date/Time 6/19/19 0900
 Received by: AB
 Relinquished by: SP

Date/Time 6/19/19 0945
 Received by: SP
 Relinquished by: AB