

**BOD5 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 12/03/2020**QC BATCH ID:** LB112209**BOD Water:** WP88415**MANGANOUS SULFATE SOLUTION:** W2520**Starch:** W2703**Alkaline Iodide Azide:** W2742**Conc Sulfuric Acid:** W2609**Sodium Thiosulfate, 0.025N:** WP87313**POLYSEED:** WP88417**NaOH, 0.25N:** WP86593**GGA:** WP88416**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP88411

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.1	9.1	8.9
WINKLER 2	WINKLER 2	2	300	9.1	17.8	8.7	8.9

Meter Calibration1: 8.56Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)Barometric Pressure1: 765 mmHgWinkler titrated BOD fluid DO reading1: 8.70**After Incubation**Meter Calibration2: 8.47Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)Barometric Pressure2: 755 mmHgWinkler titrated BOD fluid DO reading2: 8.68



QC BATCH ID: LB112209

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 16:05

TIME OUT: 11:25

DATE IN: 12/03/2020

DATE OUT: 12/08/2020

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
LB112209BL	1	No	6.0	N/A	22.10	300	8.70	8.55	0.15	0.15	0.15	
POLYSEED	1					10	8.70	4.62	4.08	0.82	0.77	
POLYSEED	2					15	8.68	3.05	5.63	0.75		
POLYSEED	3					20	8.66	1.20	7.46	0.75		
GGA	1					6	8.63	3.37	5.26	224.5	224.5	
GGA	2					6	8.62	4.02	4.6	191.5	191.5	
GGA	3					6	8.62	4.13	4.49	186	186	
L4919-02	1	No	6.8	N/A	21.80	1	8.60	6.12	2.48	513	390.9	
L4919-02	2					5	8.53	3.28	5.25	268.8		
L4919-02	3					10	8.46	0.18	-	0		
L4919-02	4					20	8.25	0.14	-	0		
L4946-01	1	No	6.8	N/A	22.30	5	8.55	6.33	2.22	87	67.75	
L4946-01	2					10	8.50	5.60	2.9	63.9		
L4946-01	3					20	8.48	4.22	4.26	52.35		
L4946-01	4					50	8.39	0.66	-	0		
L4946-01DUP	1	No	6.8	N/A	22.30	5	8.56	6.35	2.21	86.4	67.2	
L4946-01DUP	2					10	8.51	5.63	2.88	63.3		
L4946-01DUP	3					20	8.48	4.25	4.23	51.9		
L4946-01DUP	4					50	8.40	0.68	-	0		
L4946-02	1	No	6.8	N/A	22.50	5	8.58	7.27	-	0	42.22	
L4946-02	2					10	8.53	6.25	2.28	45.3		
L4946-02	3					20	8.50	5.12	3.38	39.15		
L4946-02	4					50	8.27	0.66	-	0		

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

LB112209

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod12320

WorkList ID : 144634

Department : Wet-Chemistry

Date : 12-03-2020 09:57:01

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/04/2020	Water	L4919-02 B	BOD5	Cool 4 deg C	ARAM01	J31	COMP	12/02/2020	SM5210 B
12/04/2020	Water	L4946-01 F	BOD5	Cool 4 deg C	TULL01	J11	001-WILLETTS-PT-BLVD(DEC)	12/02/2020	SM5210 B
12/04/2020	Water	L4946-02 F	BOD5	Cool 4 deg C	TULL01	J11	002-35TH-AVE(DEC)	12/02/2020	SM5210 B

Date/Time

12/03/2020 15:06

Received by:

AM (wet-chem)

Relinquished by:

JH (wet-chem)

Date/Time

12/03/2020 16:15

Received by:

JH (wet-chem)

Relinquished by:

AM (wet-chem)