

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: apatel

Analysis Date: 08/05/2021

QC BATCH ID: LB115723

BOD Water: WP92389

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP92391

GGA: WP92390

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP90938

NaOH, 1N: WP91991

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP91886

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	8.55
WINKLER 2	WINKLER 2	2	300	8.5	17.1	8.6	8.55

Meter Calibration1: 8.38

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.40

After Incubation

Meter Calibration2: 8.44

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.30

QC BATCH ID: LB115723

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:30

TIME OUT: 11:15

DATE IN: 08/05/2021

DATE OUT: 08/10/2021

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
LB115723BL	1	No	6.4	N/A	21.20	300	8.38	8.38	0	0	0	
POLYSEED	1					10	8.17	4.70	3.47	0.69	0.66	
POLYSEED	2					15	8.09	3.75	4.34	0.58		
POLYSEED	3					20	8.04	1.02	7.02	0.7		
GGA	1					6	7.94	3.56	4.38	186	183.5	
GGA	2					6	7.88	3.26	4.62	198		
GGA	3					6	7.83	3.84	3.99	166.5		
M3262-01	1	No	6.90	N/A	22.40	5	7.42	7.40	-	0	6.52	
M3262-01	2					20	7.36	6.71	-	0		
M3262-01	3					50	7.32	6.18	-	0		
M3262-01	4					150	7.26	3.34	3.92	6.52		
M3262-01DUP	1	No	6.90	N/A	22.40	5	7.40	7.38	-	0	6.56	
M3262-01DUP	2					20	7.35	6.70	-	0		
M3262-01DUP	3					50	7.30	6.15	-	0		
M3262-01DUP	4					150	7.25	3.31	3.94	6.56		
M3262-02	1	No	6.82	N/A	22.50	5	7.27	7.14	-	0	9.42	
M3262-02	2					20	7.23	6.71	-	0		
M3262-02	3					50	7.18	5.81	-	0		
M3262-02	4					150	7.14	1.77	5.37	9.42		
M3285-01	1	No	6.51	N/A	24.30	0.5	7.77	5.29	2.48	1092	770.5	
M3285-01	2					1	7.72	5.19	2.53	561		
M3285-01	3					2	7.65	2.60	5.05	658.5		
M3285-01	4					3	7.62	0.23	-	0		
M3301-01	1	No	7.20	N/A	22.30	5	7.55	7.36	-	0	4.76	
M3301-01	2					20	7.48	6.64	-	0		
M3301-01	3					50	7.37	6.46	-	0		
M3301-01	4					150	6.97	3.93	3.04	4.76		
M3302-01	1	No	3.68	7.20	13.40	0.5	7.13	6.13	-	0	954	pH Adjusted
M3302-01	2					1	7.09	3.25	3.84	954		
M3302-01	3					5	7.08	0.22	-	0		
M3302-01	4					10	7.05	0.14	-	0		
M3303-01	1	No	6.95	N/A	16.80	1	7.04	4.00	3.04	714	714	
M3303-01	2					5	6.99	0.15	-	0		
M3303-01	3					20	6.92	0.13	-	0		
M3303-01	4					50	6.66	0.10	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB115723

WorkList Name : bod8521 WorkList ID : 151186 Department : Wet-Chemistry Date : 08-05-2021 08:49:53

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/05/2021	Water	M3262-01	BOD5	Cool 4 deg C	TULL01	D22	001-WILLETTS-PT-BLVD/	08/03/2021	SM5210 B
08/05/2021	Water	M3262-02	BOD5	Cool 4 deg C	TULL01	D22	002-35TH-AVE(AUG)	08/03/2021	SM5210 B
08/06/2021	Water	M3285-01	BOD5	Cool 4 deg C	ARAM01	L11	GRAB	08/04/2021	SM5210 B
08/07/2021	Water	M3301-01	BOD5	Cool 4 deg C	PSEG03	D32	MH-P17	08/05/2021	SM5210 B
08/07/2021	Water	M3302-01	BOD5	Cool 4 deg C	PHAR02	L11	32220008-3	08/05/2021	SM5210 B
08/07/2021	Water	M3303-01	BOD5	Cool 4 deg C	PHAR02	L11	315220012-1	08/05/2021	SM5210 B

Date/Time 08/05/21 15:00
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: PLG (WC)

Date/Time 08/05/21 16:35
 Raw Sample Received by: PS (WC)
 Raw Sample Relinquished by: KS (WC)