

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: mohammad

Analysis Date: 06/16/2022

QC BATCH ID: LB120713

BOD Water: WP97421

Starch: W2766

Sulfuric acid, 1N: WP94324

POLYSEED: WP97423

GGA: WP97422

Chlorine Strips: W2011

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP97250

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP97024

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.8	8.8	8.85
WINKLER 2	WINKLER 2	2	300	8.8	17.7	8.9	8.85

Meter Calibration1: 8.85

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.78

After Incubation

Meter Calibration2: 8.89

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.42



QC BATCH ID: LB120713

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 12:30

TIME OUT: 13:00

DATE IN: 06/16/2022

DATE OUT: 06/21/2022

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
LB120713BL	1	No	6.4	N/A	21.20	300	8.72	8.41	0.31	0.31	0.31	
POLYSEED	1					10	8.65	4.20	4.45	0.89	0.8	
POLYSEED	2					15	8.63	2.47	6.16	0.82		
POLYSEED	3					20	8.60	1.75	6.85	0.69		
GGA	1					6	8.54	3.75	4.79	199.5	183.33	
GGA	2					6	8.50	4.20	4.3	175		
GGA	3					6	8.46	4.15	4.31	175.5		
N3360-02	1	No	9.18	7.20	21.30	0.5	8.45	6.07	2.38	948	804.5	pH Adjusted
N3360-02	2					1	8.43	4.98	3.45	795		
N3360-02	3					2	8.41	3.14	5.27	670.5		
N3360-02	4					3	8.40	0.71	-	0		
N3361-01	1	No	8.28	7.20	20.50	5	8.45	7.77	-	0		pH Adjusted
N3361-01	2					20	8.40	7.59	-	0		
N3361-01	3					50	8.37	7.26	-	0		
N3361-01	4					150	8.35	7.20	-	0		
N3361-01DUP	1	No	8.28	7.20	20.50	5	8.47	7.78	-	0		pH Adjusted
N3361-01DUP	2					20	8.42	7.60	-	0		
N3361-01DUP	3					50	8.40	7.30	-	0		
N3361-01DUP	4					150	8.38	7.22	-	0		
N3369-02	1	No	6.44	N/A	21.20	0.5	8.48	3.36	5.12	2592	2592	
N3369-02	2					1	8.46	0.37	-	0		
N3369-02	3					2	8.45	0.30	-	0		
N3369-02	4					3	8.42	0.28	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB120713

WorkList Name : bod61622 WorkList ID : 160594 Department : Wet-Chemistry Date : 06-16-2022 09:26:25

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/17/2022	Water	N3360-02	BOD5	Cool 4 deg C	ARAM01	N11	COMP	06/15/2022	SM5210 B
06/17/2022	Water	N3361-01	BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	06/15/2022	SM5210 B
06/17/2022	Water	N3369-02	BOD5	Cool 4 deg C	ARDM01	D11	EFF-WW	06/15/2022	SM5210 B

Date/Time 06/16/22 09:30
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: JG

Date/Time 06/16/22 12:35
 Raw Sample Received by: CL
 Raw Sample Relinquished by: KS (WC)