



BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: Iwona

Analysis Date: 08/04/2022

QC BATCH ID: LB121370

BOD Water: wp98197

Starch: W2766

Sulfuric acid, 1N: WP94324

POLYSEED: WP98199

GGA: WP98198

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: WP98094

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	8.9
WINKLER 2	WINKLER 2	2	300	8.8	17.8	9	8.9

Meter Calibration1: 8.70

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.70

Barometric Pressure2: 760 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.70



QC BATCH ID: LB121370

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:25

TIME OUT: 12:30

DATE IN: 08/04/2022

DATE OUT: 08/09/2022

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
LB121370BL	1	No	6.4	N/A	21.20	300	8.86	8.75	0.11	0.11	0.11	
POLYSEED	1					10	8.84	3.83	5.01	1	0.95	
POLYSEED	2					15	8.82	2.15	6.67	0.89		
POLYSEED	3					20	8.81	0.32	-	0		
GGA	1					6	8.78	4.25	4.53	179	189.5	
GGA	2					6	8.79	3.92	4.87	196		
GGA	3					6	8.80	3.98	4.82	193.5		
N4019-02	1	No	6.49	N/A	20.50	0.5	8.85	6.62	2.23	768	501	
N4019-02	2					1	8.84	6.60	2.24	387		
N4019-02	3					2	8.83	5.02	3.81	429		
N4019-02	4					3	8.82	3.67	5.15	420		
N4024-04	1	No	6.80	N/A	21.50	5	8.78	7.62	-	0	33.57	
N4024-04	2					20	8.52	4.75	3.77	42.3		
N4024-04	3					50	7.97	2.88	5.09	24.84		
N4024-04	4					150	5.65	0.25	-	0		
N4041-01	1	No	6.82	N/A	20.40	5	8.73	7.78	-	0	23.01	
N4041-01	2					20	8.62	6.15	2.47	22.8		
N4041-01	3					50	8.11	3.29	4.82	23.22		
N4041-01	4					150	6.43	0.23	-	0		
N4041-02	1	No	6.80	N/A	20.50	5	8.72	6.43	2.29	80.4	43	
N4041-02	2					20	8.63	6.34	2.29	20.1		
N4041-02	3					50	8.27	2.57	5.7	28.5		
N4041-02	4					150	6.78	0.25	-	0		
N4051-01	1	No	7.68	N/A	20.40	5	8.80	8.27	-	0		
N4051-01	2					20	8.77	8.13	-	0		
N4051-01	3					50	8.70	8.03	-	0		
N4051-01	4					150	8.38	6.80	-	0		
N4056-01	1	No	6.40	N/A	20.80	5	8.76	0.21	-	0		
N4056-01	2					20	8.63	0.17	-	0		
N4056-01	3					50	8.04	0.14	-	0		
N4056-01	4					150	6.28	0.13	-	0		
N4058-01	1	No	6.87	N/A	20.30	5	8.82	8.09	-	0		
N4058-01	2					20	8.80	7.97	-	0		
N4058-01	3					50	8.79	7.01	-	0		
N4058-01	4					150	8.78	6.91	-	0		
N4058-01DUP	1	No	6.87	N/A	20.30	5	8.83	8.10	-	0		
N4058-01DUP	2					20	8.81	7.98	-	0		
N4058-01DUP	3					50	8.80	7.05	-	0		
N4058-01DUP	4					150	8.79	6.95	-	0		
N4058-03	1	No	6.48	N/A	21.80	5	8.79	8.31	-	0		
N4058-03	2					20	8.77	7.89	-	0		

N4058-03	3					50	8.76	7.70	-	0		
N4058-03	4					150	8.75	7.54	-	0		
N4058-05	1	No	6.50	N/A	20.70	5	8.79	8.12	-	0		
N4058-05	2					20	8.78	7.45	-	0		
N4058-05	3					50	8.75	7.41	-	0		
N4058-05	4					150	8.73	7.29	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 12/370

WorkList Name : BOD8422-1

WorkList ID : 161997

Department : Wet-Chemistry

Date : 08-04-2022 15:10:11

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/05/2022	Water	N4019-02	BOD5	Cool 4 deg C	ARAM01	N11	COMP	08/03/2022	SM5210 B
08/05/2022	Water	N4024-04	BOD5	Cool 4 deg C	SPEC01	J11	MANHOLE-24-HRS-COMP	08/03/2022	SM5210 B
08/04/2022	Water	N4041-01	BOD5	Cool 4 deg C	TULL01	J11	001-WILLETTS-PT-BLVD(AUG)	08/02/2022	SM5210 B
08/04/2022	Water	N4041-02	BOD5	Cool 4 deg C	TULL01	J11	002-35TH-AVE(AUG)	08/02/2022	SM5210 B
08/05/2022	Water	N4051-01	BOD5	Cool 4 deg C	INFR01	N11	MONTHLY-OUTFALL-002	08/03/2022	SM5210 B
08/06/2022	Water	N4056-01	BOD5	Cool 4 deg C	PSEG03	J11	TOTE	08/04/2022	SM5210 B
08/06/2022	Water	N4058-01	BOD5	Cool 4 deg C	PSEG04	J11	DSN002	08/04/2022	SM5210 B
08/06/2022	Water	N4058-03	BOD5	Cool 4 deg C	PSEG04	J11	DSN001	08/04/2022	SM5210 B
08/06/2022	Water	N4058-05	BOD5	Cool 4 deg C	PSEG04	J11	RWS003	08/04/2022	SM5210 B

Date/Time 08/04/22 16:00
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by: