

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 02/03/2022**QC BATCH ID:** LB118527**BOD Water:** WP95099**Starch:** W2766**Sulfuric acid, 1N:** M5038**POLYSEED:** WP95101**GGA:** WP95100**Chlorine Strips:** W2543**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** W2843**NaOH, 1N:** WP94570**IncubatorID:** INCUBATOR#3**GuageID:** 0511064**Zero DO:** WP94126

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.6	9.6	9.7
WINKLER 2	WINKLER 2	2	300	9.6	19.4	9.8	9.7

Meter Calibration1: 9.13

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 9.68

After Incubation

Meter Calibration2: 8.85

Barometric Pressure2: 755 mmHg

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

Winkler titrated BOD fluid DO reading2: 9.54

QC BATCH ID: LB118527

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:30

TIME OUT: 12:30

DATE IN: 02/03/2022

DATE OUT: 02/08/2022

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
LB118527BL	1	No	6.0	N/A	21.20	300	9.65	9.55	0.1	0.1	0.1	
POLYSEED	1					10	9.60	6.74	2.86	0.57	0.59	
POLYSEED	2					15	9.58	5.01	4.57	0.61		
POLYSEED	3					20	9.55	3.67	5.88	0.59		
GGA	1					6	9.62	4.76	4.86	213.5	204	
GGA	2					6	9.60	5.53	4.07	174		
GGA	3					6	9.58	4.50	5.08	224.5		
N1360-02	1	No	6.67	N/A	20.30	0.5	9.60	7.65	-	0	395.5	
N1360-02	2					1	9.58	7.31	2.27	504		
N1360-02	3					2	9.56	6.68	2.88	343.5		
N1360-02	4					3	9.55	5.57	3.98	339		
N1375-01	1	No	8.28	7.20	20.50	5	9.62	8.62	-	0	4.84	pH Adjusted
N1375-01	2					20	9.60	8.56	-	0		
N1375-01	3					50	9.58	7.87	-	0		
N1375-01	4					150	9.55	6.54	3.01	4.84		
N1396-01	1	No	7.08	N/A	20.60	5	9.59	8.43	-	0	16.4	
N1396-01	2					20	9.58	7.34	2.24	24.75		
N1396-01	3					50	9.55	6.72	2.83	13.44		
N1396-01	4					150	9.53	3.43	6.1	11.02		
N1396-01DUP	1	No	7.08	N/A	20.60	5	9.60	8.45	-	0	16.23	
N1396-01DUP	2					20	9.57	7.35	2.22	24.45		
N1396-01DUP	3					50	9.55	6.75	2.8	13.26		
N1396-01DUP	4					150	9.53	3.45	6.08	10.98		
N1396-03	1	No	6.98	N/A	20.30	5	9.60	8.66	-	0	4.68	
N1396-03	2					20	9.58	8.16	-	0		
N1396-03	3					50	9.55	8.05	-	0		
N1396-03	4					150	9.53	6.60	2.93	4.68		
N1396-05	1	No	6.91	N/A	20.10	5	9.60	8.87	-	0	5.9	
N1396-05	2					20	9.58	7.94	-	0		
N1396-05	3					50	9.55	7.90	-	0		
N1396-05	4					150	9.53	5.99	3.54	5.9		

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

WORKLIST(Hardcopy Internal Chain)

LB118527

WorkList Name : BOD2322 WorkList ID : 156552 Department : Wet-Chemistry Date : 02-03-2022 13:58:24

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/04/2022	Water	N1360-02	BOD5	Cool 4 deg C	ARAM01	N11	COMP	02/02/2022	SM5210 B
02/04/2022	Water	N1375-01	BOD5	Cool 4 deg C	INFR01	N12	MONTHLY-OUTFALL-002	02/02/2022	SM5210 B
02/05/2022	Water	N1396-01	BOD5	Cool 4 deg C	PSEG04	M11	DSN002	02/03/2022	SM5210 B
02/05/2022	Water	N1396-03	BOD5	Cool 4 deg C	PSEG04	M11	DSN001	02/03/2022	SM5210 B
02/05/2022	Water	N1396-05	BOD5	Cool 4 deg C	PSEG04	M11	RWS003	02/03/2022	SM5210 B

Date/Time 02/03/22 16:45
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 02/03/22 17:35
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)