

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 02/24/2022**QC BATCH ID:** LB118828**BOD Water:** WP95466**Starch:** W2766**Sulfuric acid, 1N:** M5038**POLYSEED:** WP95468**GGA:** WP95467**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	9.5	9.5	9.6
WINKLER 2	WINKLER 2	2	300	9.5	19.2	9.7	9.6

Meter Calibration1: 8.96

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 9.45

After Incubation

Meter Calibration2: 9.40

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 9.36

QC BATCH ID: LB118828

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 18:00

TIME OUT: 12:15

DATE IN: 02/24/2022

DATE OUT: 03/01/2022

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
LB118828BL	1	No	6.4	N/A	21.20	300	9.49	9.43	0.06	0.06	0.06	
POLYSEED	1					10	9.48	4.60	4.88	0.98	0.92	
POLYSEED	2					15	9.46	2.21	7.25	0.97		
POLYSEED	3					20	9.44	1.26	8.18	0.82		
GGA	1					6	9.44	5.15	4.29	168.5	178.83	
GGA	2					6	9.45	5.61	3.84	146		
GGA	3					6	9.43	4.07	5.36	222		
N1646-01	1	No	8.32	7.20	20.20	5	9.44	8.58	-	0	2.78	pH Adjusted
N1646-01	2					20	9.40	8.14	-	0		
N1646-01	3					50	9.38	7.51	-	0		
N1646-01	4					150	9.36	7.05	2.31	2.78		
N1646-01DUP	1	No	8.32	7.20	20.20	5	9.45	8.60	-	0	2.8	pH Adjusted
N1646-01DUP	2					20	9.38	8.15	-	0		
N1646-01DUP	3					50	9.36	7.55	-	0		
N1646-01DUP	4					150	9.34	7.02	2.32	2.8		
N1649-02	1	No	6.67	N/A	20.20	0.5	9.44	6.78	2.66	1044	903	
N1649-02	2					1	9.40	5.67	3.73	843		
N1649-02	3					2	9.36	2.96	6.4	822		
N1649-02	4					3	9.35	0.97	-	0		
N1668-01	1	No	6.58	N/A	20.20	5	9.48	7.83	-	0	42.13	
N1668-01	2					20	9.46	5.87	3.59	40.05		
N1668-01	3					50	9.45	1.16	8.29	44.22		
N1668-01	4					150	9.42	0.18	-	0		
N1671-01	1	No	5.90	N/A	20.20	5	9.39	7.91	-	0		
N1671-01	2					20	9.31	7.82	-	0		
N1671-01	3					50	9.27	7.48	-	0		
N1671-01	4					150	9.25	7.30	-	0		
N1671-03	1	No	6.80	N/A	20.30	5	9.30	8.53	-	0		
N1671-03	2					20	9.28	8.24	-	0		
N1671-03	3					50	9.26	8.16	-	0		
N1671-03	4					150	9.25	8.07	-	0		
N1671-05	1	No	6.68	N/A	20.40	5	9.32	8.58	-	0	5.42	
N1671-05	2					20	9.30	8.50	-	0		
N1671-05	3					50	9.28	7.27	2.01	6.54		
N1671-05	4					150	9.25	6.18	3.07	4.3		
N1671-07	1	No	6.97	N/A	20.40	5	9.27	8.57	-	0		
N1671-07	2					20	9.25	8.52	-	0		
N1671-07	3					50	9.23	8.30	-	0		
N1671-07	4					150	9.21	7.85	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod22422 WorkList ID : 157117 Department : Wet-Chemistry Date : 02-24-2022 11:13:58

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample		Customer Sample	Collect Date	Method
						Storage	Location			
02/25/2022	Water	N1646-01	BOD5	Cool 4 deg C	INFR01	N21	WEEKLY-OUTFALL-002		02/23/2022	SM5210 B
02/25/2022	Water	N1671-01	BOD5	Cool 4 deg C	LOCK01	N31	MW-1		02/23/2022	SM5210 B
02/25/2022	Water	N1671-03	BOD5	Cool 4 deg C	LOCK01	N31	MW-2		02/23/2022	SM5210 B
02/25/2022	Water	N1671-05	BOD5	Cool 4 deg C	LOCK01	N31	MW-3		02/23/2022	SM5210 B
02/25/2022	Water	N1671-07	BOD5	Cool 4 deg C	LOCK01	N31	MW-4		02/23/2022	SM5210 B
02/25/2022	Water	N1649-02	BOD5	Cool 4 deg C	ARAM01	N21	COMP		02/23/2022	SM5210 B
02/26/2022	Water	N1668-01	BOD5	Cool 4 deg C	PSEG03	M11	PURGED-WATER		02/24/2022	SM5210 B

Date/Time 02/24/22 17:30
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: JO (WC)

Date/Time 02/24/22 18:05
 Raw Sample Received by: JO (WC)
 Raw Sample Relinquished by: KS (WC)