

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Sohil**Analysis Date:** 12/07/2023**QC BATCH ID:** LB128603**BOD Water:** WP105594**Starch:** W2977**Sulfuric acid, 1N:** WP102923**POLYSEED:** WP105596**GGA:** WP105595**Chlorine Strips:** W2965**pH Strips:** W3056**MANGANOUS SULFATE SOLUTION:** W2913**Alkaline Iodide Azide:** W2914**Sodium Thiosulfate, 0.025N:** W2976**NaOH, 1N:** WP103989**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP105589

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.4	9.4	9.4
WINKLER 2	WINKLER 2	2	300	9.4	18.8	9.4	9.4

Meter Calibration1: 9.11

Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.48

After Incubation

Meter Calibration2: 9.32

Zero DO Reading2: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure2: 776 mmHg



QC BATCH ID: LB128603

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 10:00

TIME OUT: 09:00

DATE IN: 12/07/2023

DATE OUT: 12/12/2023

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
LB128603BL	1	No	6.80	N/A	20.40	300	9.47	9.45	0.02	0.02	0.02	
POLYSEED	1					10	9.45	6.47	2.98	0.6	0.58	
POLYSEED	2					15	9.44	5.03	4.41	0.59		
POLYSEED	3					20	9.42	3.92	5.5	0.55		
GGA	1					6	9.44	5.06	4.38	190	199.83	
GGA	2					6	9.43	4.92	4.51	196.5		
GGA	3					6	9.43	4.59	4.84	213		
O5643-02	1	No	6.23	6.82	20.00	0.5	9.44	6.35	3.09	1506	1231	pH Adjusted
O5643-02	2					1	9.41	4.89	4.52	1182		
O5643-02	3					2	9.30	2.02	7.28	1005		
O5643-02	4					3	9.18	0.30	-	0		
O5643-02DUP	1	No	6.23	6.82	20.00	0.5	9.43	6.17	3.26	1608	1266.5	pH Adjusted
O5643-02DUP	2					1	9.41	4.81	4.6	1206		
O5643-02DUP	3					2	9.30	2.15	7.15	985.5		
O5643-02DUP	4					3	9.20	0.33	-	0		
O5656-01	1	No	6.53	N/A	20.40	5	9.41	8.82	-	0	31.32	
O5656-01	2					20	9.12	8.21	-	0		
O5656-01	3					50	8.12	2.32	5.8	31.32		
O5656-01	4					150	4.80	0.17	-	0		
O5656-02	1	No	6.53	N/A	20.60	5	9.33	7.75	-	0	43.23	
O5656-02	2					20	8.92	4.36	4.56	59.7		
O5656-02	3					50	7.93	2.89	5.04	26.76		
O5656-02	4					150	4.32	0.20	-	0		
O5665-01	1	No	8.26	7.37	20.10	5	9.44	8.53	-	0	4.18	pH Adjusted
O5665-01	2					20	9.43	8.35	-	0		
O5665-01	3					50	9.41	8.30	-	0		
O5665-01	4					150	9.40	6.73	2.67	4.18		
O5672-01	1	No	5.82	6.69	20.00	5	9.46	6.41	3.05	148.2	85.65	pH Adjusted
O5672-01	2					20	9.45	7.33	2.12	23.1		
O5672-01	3					50	9.44	8.14	-	0		
O5672-01	4					150	9.42	8.68	-	0		
O5672-03	1	No	6.99	N/A	20.20	5	9.45	7.33	2.12	92.4	92.4	
O5672-03	2					20	9.44	8.69	-	0		
O5672-03	3					50	9.43	8.89	-	0		
O5672-03	4					150	9.41	8.80	-	0		
O5672-05	1	No	6.85	N/A	20.00	5	9.44	7.04	2.4	109.2	109.2	
O5672-05	2					20	9.43	8.20	-	0		
O5672-05	3					50	9.41	7.66	-	0		
O5672-05	4					150	9.40	8.69	-	0		
O5672-07	1	No	6.77	N/A	20.10	5	9.45	8.14	-	0	6.1	
O5672-07	2					20	9.44	7.65	-	0		

05672-07	3					50	9.42	7.33	2.09	9.06		
05672-07	4					150	9.41	7.26	2.15	3.14		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.
NOTE: 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

6128603

WorkList Name : bod5 12-06

WorkList ID : 176079

Department : Wet-Chemistry

Date : 12-06-2023 08:41:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5643-02C	COMP	Water	BOD5	Cool 4 deg C	ARAM01	L11	12/06/2023	SM5210 B
O5656-01F	001-WILLETS-PT-BLVD(DEC)	Water	BOD5	Cool 4 deg C	TULL01	L11	12/05/2023	SM5210 B
O5656-02F	002-35TH-AVE(DEC)	Water	BOD5	Cool 4 deg C	TULL01	L11	12/05/2023	SM5210 B
O5665-01F	MONTHLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	L11	12/06/2023	SM5210 B
O5672-01C	MW-1	Water	BOD5	Cool 4 deg C	LOCK01	L31	12/05/2023	SM5210 B
O5672-03C	MW-3	Water	BOD5	Cool 4 deg C	LOCK01	L31	12/05/2023	SM5210 B
O5672-05C	MW-4	Water	BOD5	Cool 4 deg C	LOCK01	L31	12/05/2023	SM5210 B
O5672-07C	MW-2	Water	BOD5	Cool 4 deg C	LOCK01	L31	12/05/2023	SM5210 B

Date/Time 12/07/2023 08:15
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: JLCWC

Date/Time 12/07/2023 09:30
 Raw Sample Received by: JLCWC
 Raw Sample Relinquished by: RM CWC