

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: apatelAnalysis Date: 02/17/2022QC BATCH ID: LB118721BOD Water: WP95347MANGANOUS SULFATE SOLUTION: W2767Starch: W2766Alkaline Iodide Azide: W2742Sulfuric acid, 1N: M5038Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP95349NaOH, 1N: WP94570GGA: WP95348IncubatorID: INCUBATOR #3Chlorine Strips: W2543GuageID: 0511064pH Strips: W2716Zero 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	9.55
WINKLER 2	WINKLER 2	2	300	9.5	19.1	9.6	9.55

Meter Calibration1: 9.00Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure1: 765 mmHgWinkler titrated BOD fluid DO reading1: 9.48**After Incubation**Meter Calibration2: 9.08Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHgWinkler titrated BOD fluid DO reading2: 9.40



QC BATCH ID: LB118721

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 14:55

TIME OUT: 12:00

DATE IN: 02/17/2022

DATE OUT: 02/22/2022

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
LB118721BL	1	No	6.0	N/A	21.20	300	9.12	9.01	0.11	0.11	0.11	
POLYSEED	1					10	9.12	6.45	2.67	0.53	0.67	
POLYSEED	2					15	9.10	3.70	5.4	0.72		
POLYSEED	3					20	9.08	1.40	7.68	0.77		
GGA	1					6	9.10	4.25	4.85	209	209.17	
GGA	2					6	9.08	4.15	4.93	213		
GGA	3					6	9.06	4.28	4.78	205.5		
N1555-02	1	No	7.10	N/A	20.40	0.5	9.10	7.12	-	0	627.67	
N1555-02	2					1	9.07	6.48	2.59	576		
N1555-02	3					2	9.05	4.20	4.85	627		
N1555-02	4					3	9.03	1.56	7.47	680		
N1569-01	1	No	8.32	7.20	20.20	5	9.08	7.79	-	0	11.66	pH Adjusted
N1569-01	2					20	9.06	7.07	-	0		
N1569-01	3					50	9.05	6.24	2.81	12.84		
N1569-01	4					150	9.03	3.12	5.91	10.48		
N1569-01DUP	1	No	8.32	7.20	20.20	5	9.10	7.78	-	0	11.65	pH Adjusted
N1569-01DUP	2					20	9.08	7.09	-	0		
N1569-01DUP	3					50	9.06	6.25	2.81	12.84		
N1569-01DUP	4					150	9.05	3.15	5.9	10.46		
N1582-02	1	No	8.80	7.20	20.10	0.5	9.09	6.42	2.67	1200	1054.5	pH Adjusted
N1582-02	2					1	9.07	5.37	3.7	909		
N1582-02	3					2	9.05	0.20	-	0		
N1582-02	4					3	9.03	0.15	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB1187-21

WorkList Name : BOD5 21722 WorkList ID : 156937 Department : Wet-Chemistry Date : 02-17-2022 13:17:49

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/18/2022	Water	N1555-02	BOD5	Cool 4 deg C	ARAM01	N22	COMP	02/16/2022	SM5210 B
02/18/2022	Water	N1569-01	BOD5	Cool 4 deg C	INFR01	N22	WEEKLY-OUTFALL-002	02/16/2022	SM5210 B
02/18/2022	Water	N1582-02	BOD5	Cool 4 deg C	ARDM01	M11	EFF-WWW	02/16/2022	SM5210 B

Date/Time 02/17/22 13:30
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: JH (WC)

Date/Time 02/17/22 15:00
 Raw Sample Received by: JH (WC)
 Raw Sample Relinquished by: KS (WC)