

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 01/06/2022**QC BATCH ID:** LB118096**BOD Water:** WP94661**Starch:** W2703**Sulfuric acid, 1N:** WP88863**POLYSEED:** WP94664**GGA:** WP94662**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	9.0	9	9.05
WINKLER 2	WINKLER 2	2	300	9.0	18.1	9.1	9.05

Meter Calibration1: 8.94

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 9.15

After Incubation

Meter Calibration2: 8.90

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 9.00

QC BATCH ID: LB118096

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 12:50

TIME OUT: 11:30

DATE IN: 01/06/2022

DATE OUT: 01/11/2022

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
LB118096BL	1	No	6.4	N/A	21.20	300	9.18	8.84	0.34	0.34	0.34	
POLYSEED	1					10	9.15	6.27	2.88	0.58	0.57	
POLYSEED	2					15	9.12	4.99	4.13	0.55		
POLYSEED	3					20	9.10	3.45	5.65	0.57		
GGA	1					6	9.12	4.22	4.9	216.5	210.5	
GGA	2					6	9.17	3.98	5.19	231		
GGA	3					6	9.15	4.90	4.25	184		
N1022-02	1	No	6.59	N/A	17.20	0.5	9.17	6.14	3.03	1476	921.38	
N1022-02	2					1	9.15	4.87	4.28	1113		
N1022-02	3					2	9.14	4.18	4.96	658.5		
N1022-02	4					3	9.12	4.17	4.95	438		
N1022-02DUP	1	No	6.59	N/A	17.20	0.5	9.18	6.15	3.03	1476	921	
N1022-02DUP	2					1	9.17	4.90	4.27	1110		
N1022-02DUP	3					2	9.15	4.20	4.95	657		
N1022-02DUP	4					3	9.13	4.15	4.98	441		
N1035-01	1	No	7.47	N/A	18.20	5	9.16	7.59	-	0	78.15	
N1035-01	2					20	9.15	3.37	5.78	78.15		
N1035-01	3					50	9.13	0.20	-	0		
N1035-01	4					150	9.12	0.18	-	0		
N1036-01	1	No	8.40	N/A	21.20	5	9.17	7.95	-	0	3.16	
N1036-01	2					20	9.15	7.75	-	0		
N1036-01	3					50	9.13	7.43	-	0		
N1036-01	4					150	9.12	6.97	2.15	3.16		
N1041-01	1	No	6.80	N/A	17.50	5	9.18	7.93	-	0		
N1041-01	2					20	9.17	7.70	-	0		
N1041-01	3					50	9.15	7.53	-	0		
N1041-01	4					150	9.13	7.23	-	0		
N1046-01	1	No	7.36	N/A	18.20	5	9.14	7.92	-	0	24.33	
N1046-01	2					20	8.97	6.72	2.25	25.2		
N1046-01	3					50	8.51	4.03	4.48	23.46		
N1046-01	4					150	6.49	0.16	-	0		
N1046-02	1	No	7.48	N/A	17.80	5	9.17	7.55	-	0	26.94	
N1046-02	2					20	8.99	6.60	2.39	27.3		
N1046-02	3					50	8.52	3.52	5	26.58		
N1046-02	4					150	6.71	0.15	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB118096

WorkList Name : bod1622 WorkList ID : 155786 Department : Wet-Chemistry Date : 01-06-2022 12:13:07

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/07/2022	Water	N1022-02	C BOD5	Cool 4 deg C	ARAM01	H11	COMP	01/05/2022	SM5210 B
01/07/2022	Water	N1035-01	F BOD5	Cool 4 deg C	INFR01	D11	QUARTERLY-INFLUENT	01/05/2022	SM5210 B
01/07/2022	Water	N1036-01	D BOD5	Cool 4 deg C	INFR01	D11	QUARTERLY-OUTFALL-(	01/05/2022	SM5210 B
01/07/2022	Water	N1041-01	F BOD5	Cool 4 deg C	ENVI27	D11	DEWATERING-EFFLUENT	01/05/2022	SM5210 B
01/06/2022	Water	N1046-01	E BOD5	Cool 4 deg C	TULL01	I11	001-WILLETS-PT-BLVD(	01/04/2022	SM5210 B
01/06/2022	Water	N1046-02	E BOD5	Cool 4 deg C	TULL01	I11	002-35TH-AVE(JANT)	01/04/2022	SM5210 B

Date/Time 01/06/22 12:15
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: KS(WC)

Date/Time 01/06/22 12:55
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: KS(WC)