



BOD5 LOG

ANALYST: jignesh

SUPERVISOR: Iwona

QC BATCH ID: LB129481

Analysis Date: 02/09/2024

BOD Water: WP106512

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP105744

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP106514

NaOH, 1N: WP106529

GGA: WP106513

IncubatorID: INCUBATOR #3

Chlorine Strips: W2965

GuageID: 0511064

pH Strips: W3056

Zero DO: WP106040

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.9
WINKLER 2	WINKLER 2	2	300	8.9	17.8	8.9	8.9

Meter Calibration1: 8.72

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

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 8.97

After Incubation

Meter Calibration2: 9.01

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

Barometric Pressure2: 760 mmHg



QC BATCH ID: LB129481

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:00

TIME OUT: 12:00

DATE IN: 02/09/2024

DATE OUT: 02/14/2024

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
LB129481BL	1	No	6.70	N/A	20.40	300	8.96	8.94	0.02	0.02	0.02	
POLYSEED	1					10	8.68	5.12	3.56	0.71	0.64	
POLYSEED	2					15	8.64	3.91	4.73	0.63		
POLYSEED	3					20	8.59	2.89	5.7	0.57		
GGA	1					6	8.63	4.62	4.01	168.5	173	
GGA	2					6	8.62	4.50	4.12	174		
GGA	3					6	8.61	4.44	4.17	176.5		
P1452-01	1	No	7.23	N/A	20.10	0.5	8.70	6.37	2.33	1014	580.98	
P1452-01	2					1	8.67	4.82	3.85	963		
P1452-01	3					2	8.65	4.61	4.04	510		
P1452-01	4					5	8.64	4.33	4.31	220.2		
P1452-01	5					10	8.49	1.26	7.23	197.7		
P1452-01DUP	1	No	7.23	N/A	20.10	0.5	8.69	6.39	2.3	996	573.12	
P1452-01DUP	2					1	8.66	4.84	3.82	954		
P1452-01DUP	3					2	8.64	4.62	4.02	507		
P1452-01DUP	4					5	8.50	4.34	4.16	211.2		
P1452-01DUP	5					10	8.50	1.28	7.22	197.4		
P1452-03	1	No	4.72	6.74	20.20	0.01	8.71	7.65	-	0	4671	pH Adjusted
P1452-03	2					0.05	8.69	7.58	-	0		
P1452-03	3					0.1	8.67	6.15	2.52	5640		
P1452-03	4					0.5	8.66	1.85	6.81	3702		
P1452-03	5					1	8.64	0.18	-	0		

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.

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod p1452

WorkList ID : 177786

Department : Wet-Chemistry

Date : 02-09-2024 15:33:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1452-01	EFFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	E31	02/09/2024	SM5210 B
P1452-03	INFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	E31	02/09/2024	SM5210 B

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by: