



BOD5 LOG

ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 01/04/2024QC BATCH ID: LB129032BOD Water: WP105968MANGANOUS SULFATE SOLUTION: W2913Starch: W2977Alkaline Iodide Azide: W2914Sulfuric acid, 1N: WP105744Sodium Thiosulfate, 0.025N: W2976POLYSEED: WP105970NaOH, 1N: WP103989GGA: WP105969IncubatorID: INCUBATOR #3Chlorine Strips: W2965GuageID: 0511064pH Strips: W3056Zero 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	9.74	9.74	9.65
WINKLER 2	WINKLER 2	2	300	9.74	19.3	9.56	9.65

Meter Calibration1: 9.44Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.66**After Incubation**Meter Calibration2: 9.60Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHg



QC BATCH ID: LB129032

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:30

TIME OUT: 12:37

DATE IN: 01/04/2024

DATE OUT: 01/09/2024

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
LB129032BL	1	No	6.74	N/A	20.30	300	9.70	9.68	0.02	0.02	0.02	
POLYSEED	1					10	9.62	5.35	4.27	0.85	0.77	
POLYSEED	2					15	9.59	4.10	5.49	0.73		
POLYSEED	3					20	9.57	2.39	7.18	0.72		
GGA	1					6	9.59	4.77	4.82	202.5	215.17	
GGA	2					6	9.57	4.60	4.97	210		
GGA	3					6	9.54	4.11	5.43	233		
P1036-01	1	No	6.92	N/A	20.70	5	9.61	7.57	2.04	76.2	31.48	
P1036-01	2					20	9.58	7.40	2.18	21.15		
P1036-01	3					50	9.54	6.25	3.29	15.12		
P1036-01	4					150	9.50	2.00	7.5	13.46		
P1036-03	1	No	6.80	N/A	20.90	5	9.64	8.35	-	0	31.01	
P1036-03	2					20	9.62	6.18	3.44	40.05		
P1036-03	3					50	9.58	2.21	7.37	39.6		
P1036-03	4					150	9.51	2.05	7.46	13.38		
P1036-05	1	No	7.03	N/A	20.20	5	9.61	7.56	2.05	76.8	31.15	
P1036-05	2					20	9.58	6.82	2.76	29.85		
P1036-05	3					50	9.52	6.70	2.82	12.3		
P1036-05	4					150	9.49	5.89	3.6	5.66		
P1036-05DUP	1	No	7.03	N/A	20.20	5	9.62	7.58	2.04	76.2	30.93	
P1036-05DUP	2					20	9.59	6.83	2.76	29.85		
P1036-05DUP	3					50	9.51	6.73	2.78	12.06		
P1036-05DUP	4					150	9.48	5.90	3.58	5.62		

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.

VB 129032

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD O1035 WorkList ID : 176973 Department : Wet-Chemistry Date : 01-04-2024 15:51:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1036-01	DSN002	Water	BOD5	Cool 4 deg C	PSEG04	O11	01/04/2024	SM5210 B
P1036-03	DSN001	Water	BOD5	Cool 4 deg C	PSEG04	O11	01/04/2024	SM5210 B
P1036-05	DSN003	Water	BOD5	Cool 4 deg C	PSEG04	O11	01/04/2024	SM5210 B

Date/Time 01/04/24 16:00
Raw Sample Received by: J.C. Gm
Raw Sample Relinquished by: J.C. Gm

Date/Time 01/04/24 18:00
Raw Sample Received by: J.C. Gm
Raw Sample Relinquished by: J.C. Gm