

**BOD5 LOG**Analysis Date: 12/14/2018QC BATCH ID: LB99857ANALYST: IndianaBOD Water: WP70294SUPERVISOR: apatelStarch: W2277MANGANOUS SULFATE SOLUTION: W2427Conc Sulfuric Acid: W2310Alkaline Iodide Azide: W2241POLYSEED: WP70295Sodium Thiosulfate, 0.025N: W2337GGA: WP70296NaOH, 0.25N: WP68486Chlorine Strips: W2429IncubatorID: Incubator-3pH Strips: W2350Zero DO: WP70338

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.4	8.4	8.55
WINKLER2	WINKLER 2	2	300	8.4	17.1	8.7	

Meter Calibration1 : 8.55Zero DO Reading1 : 0.19 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.55Zero DO Reading2 : 0.17 mg/L (<=0.2 Criteria)



QC BATCH ID: LB99857

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 12:00

TIME OUT: 12:00

DATE IN: 12/14/2018

DATE OUT: 12/19/2018

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
LB99857BL	1	No	6.0	N/A	20.0	300	8.53	8.51	0.02	0.02	0.02	
POLYSEED	1					10	8.45	4.05	4.4	0.88	0.81	
POLYSEED	2					15	8.44	2.89	5.55	0.74		
POLYSEED	3					20	8.43	0.98	-	0		
GGA	1					6	8.42	3.81	4.61	190	190	
GGA	2					6	8.37	3.88	4.49	184	184	
GGA	3					6	8.38	3.87	4.51	185	185	
J6373-10	1	No	6.62	N/A	18.8	1	8.44	6.28	2.16	405	294	
J6373-10	2					5	8.37	4.51	3.86	183		
J6373-10	3					20	8.36	0.21	-	0		
J6373-10	4					50	8.31	0.12	-	0		
J6403-65	1	No	7.2	N/A	18.8	1	8.30	6.67	-	0	28.55	
J6403-65	2					5	8.24	6.31	-	0		
J6403-65	3					20	8.11	5.07	3.04	33.45		
J6403-65	4					50	7.80	3.05	4.75	23.64		
J6421-01	1	No	7.0	N/A	18.7	0.5	8.45	5.50	2.95	1284	904.5	
J6421-01	2					1	8.40	5.23	3.17	708		
J6421-01	3					2	8.38	2.76	5.62	721.5		
J6421-01	4					5	8.32	0.92	-	0		
J6421-01	5					10	8.30	0.12	-	0		
J6421-01DUP	1	No	7.0	N/A	18.7	0.5	8.46	5.55	2.91	1260	900	
J6421-01DUP	2					1	8.42	5.20	3.22	723		
J6421-01DUP	3					2	8.39	2.80	5.59	717		
J6421-01DUP	4					5	8.38	0.95	-	0		
J6421-01DUP	5					10	8.29	0.14	-	0		
J6421-03	1	No	5.35	7.0	18.7	0.01	8.43	6.45	-	0	12375	pH Adjusted
J6421-03	2					0.05	8.36	5.38	2.98	13020		
J6421-03	3					0.1	8.30	3.58	4.72	11730		
J6421-03	4					0.5	8.27	0.08	-	0		
J6421-03	5					1	8.20	0.05	-	0		

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

LB99857

### WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD121418

WorkList ID : 120389

Date : 12/14/2018 10:07:06 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/14/2018	Water	J6373-10	BOD5	Cool 4 deg C	PSEG01	D12	OILY-WATER	12/12/2018	SM5210 B
12/15/2018	Water	J6403-65	BOD5	Cool 4 deg C	PSEG01	D22	TP-3-OILY-WATER	12/13/2018	SM5210 B
12/15/2018	Water	J6421-01	BOD5	Cool 4 deg C	HOLL01	E12	EFFLUENT	12/13/2018	SM5210 B
12/15/2018	Water	J6421-03	BOD5	Cool 4 deg C	HOLL01	E12	INFLUENT	12/13/2018	SM5210 B

Date/Time 12/14/18 11:09  
 Received by: IB  
 Relinquished by: CS

Date/Time 12/14/18 13:00  
 Received by: CS  
 Relinquished by: IB