

**BOD5 LOG****Analysis Date:** 08/19/2020**QC BATCH ID:** LB110608**ANALYST:** jignesh**BOD Water:** WP86366**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP86368**Sodium Thiosulfate, 0.025N:** WP84605**GGA:** WP86367**NaOH, 0.25N:** WP80974**Chlorine Strips:** W2543**IncubatorID:** INCUBATOR #3**pH Strips:** W2716**Zero DO:** WP85367

| Lab SampleID | Client ID | Bottle No. | VOL. ML | Initial Reading (ML) | Final Reading (ML) | Difference | Average |
|--------------|-----------|------------|---------|----------------------|--------------------|------------|---------|
| WINKLER 1    | WINKLER 1 | 1          | 300     | 0.0                  | 8.6                | 8.6        | 8.7     |
| WINKLER 2    | WINKLER 2 | 2          | 300     | 8.6                  | 17.4               | 8.8        | 8.7     |

Meter Calibration1 : 8.70Zero DO Reading1 : 0.02 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.70Zero DO Reading2 : 0.03 mg/L (<=0.2 Criteria)



QC BATCH ID: LB110608

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:20

TIME OUT: 11:25

DATE IN: 08/19/2020

DATE OUT: 08/24/2020

| 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 |
|--------------|------------|----------|------------|----------|---------|---------------|---------------|-------------|-----------|-------------------|-------------------|---------|
| LB110608BL   | 1          | No       | 6.0        | N/A      | 23.00   | 300           | 8.70          | 8.70        | 0         | 0                 | 0                 |         |
| POLYSEED     | 1          |          |            |          |         | 10            | 8.67          | 4.23        | 4.44      | 0.89              | 0.88              |         |
| POLYSEED     | 2          |          |            |          |         | 15            | 8.66          | 2.13        | 6.53      | 0.87              |                   |         |
| POLYSEED     | 3          |          |            |          |         | 20            | 8.64          | 0.12        | -         | 0                 |                   |         |
| GGA          | 1          |          |            |          |         | 6             | 8.64          | 3.88        | 4.76      | 194               | 194               |         |
| GGA          | 2          |          |            |          |         | 6             | 8.65          | 3.47        | 5.18      | 215               | 215               |         |
| GGA          | 3          |          |            |          |         | 6             | 8.66          | 3.94        | 4.72      | 192               | 192               |         |
| L3735-01     | 1          | No       | 6.4        | N/A      | 23.20   | 0.5           | 8.68          | 7.51        | -         | 0                 | 337.25            |         |
| L3735-01     | 2          |          |            |          |         | 1             | 8.66          | 6.83        | -         | 0                 |                   |         |
| L3735-01     | 3          |          |            |          |         | 2             | 8.62          | 5.51        | 3.11      | 334.5             |                   |         |
| L3735-01     | 4          |          |            |          |         | 3             | 8.60          | 4.32        | 4.28      | 340               |                   |         |
| L3735-01DUP  | 1          | No       | 6.4        | N/A      | 23.20   | 0.5           | 8.69          | 7.53        | -         | 0                 | 335.5             |         |
| L3735-01DUP  | 2          |          |            |          |         | 1             | 8.67          | 6.85        | -         | 0                 |                   |         |
| L3735-01DUP  | 3          |          |            |          |         | 2             | 8.63          | 5.53        | 3.1       | 333               |                   |         |
| L3735-01DUP  | 4          |          |            |          |         | 3             | 8.61          | 4.35        | 4.26      | 338               |                   |         |

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

LB110608

## WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-81920

WorkList ID : 141628

Department : Wet-Chemistry

Date : 08-19-2020 16:35:19

| Due Date   | Matrix | Sample   | Test | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method   |
|------------|--------|----------|------|--------------|----------|------------------|-----------------|--------------|----------|
| 08/21/2020 | Water  | L3735-01 | BOD5 | Cool 4 deg C | ARAM01   | K61              | COMP            | 08/19/2020   | SM5210 B |

Date/Time 8/19/2020 16:40  
Received by: SA (wet-chem)  
Relinquished by: AM (wet-chem)

Date/Time 8/19/2020 17:25  
Received by: SA (wet-chem)  
Relinquished by: AM (wet-chem)