

Analysis Date: 03/04/2020

QC BATCH ID: LB108096

ANALYST: jignesh

BOD Water: WP82626

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP82627

Sodium Thiosulfate, 0.025N: WP81413

GGA: WP82628

NaOH, 0.25N: WP80974

Chlorine Strips: W2543

IncubatorID: INCUBATOR #3

pH Strips: W2644

Zero DO: WP81261

| Lab SampleID | Client ID | Bottle No. | VOL. ML | Initial Reading (ML) | Final Reading (ML) | Difference | Average |
|--------------|-----------|------------|---------|----------------------|--------------------|------------|---------|
| WINKLER 1    | WINKLER 1 | 1          | 300     | 0.0                  | 8.5                | 8.5        | 8.6     |
| WINKLER 2    | WINKLER 2 | 2          | 300     | 8.5                  | 17.2               | 8.7        | 8.6     |

Meter Calibration1 : 8.60

Zero DO Reading1 : 0.04 mg/L ( $\leq 0.2$  Criteria)**After Incubation**

Meter Calibration2 : 8.60

Zero DO Reading2 : 0.02 mg/L ( $\leq 0.2$  Criteria)



QC BATCH ID: LB108096

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 15:40

TIME OUT: 11:15

DATE IN: 03/04/2020

DATE OUT: 03/09/2020

| 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 |
|--------------|------------|----------|------------|----------|---------|---------------|---------------|-------------|-----------|-------------------|-------------------|---------|
| LB108096BL   | 1          | No       | 6.0        | N/A      | 21.90   | 300           | 8.60          | 8.60        | 0         | 0                 | 0                 |         |
| POLYSEED     | 1          |          |            |          |         | 10            | 8.54          | 5.51        | 3.03      | 0.61              | 0.57              |         |
| POLYSEED     | 2          |          |            |          |         | 15            | 8.52          | 4.95        | 3.57      | 0.48              |                   |         |
| POLYSEED     | 3          |          |            |          |         | 20            | 8.48          | 2.35        | 6.13      | 0.61              |                   |         |
| GGA          | 1          |          |            |          |         | 6             | 8.51          | 3.35        | 5.16      | 229.5             | 229.5             |         |
| GGA          | 2          |          |            |          |         | 6             | 8.51          | 4.02        | 4.49      | 196               | 196               |         |
| GGA          | 3          |          |            |          |         | 6             | 8.51          | 4.36        | 4.15      | 179               | 179               |         |
| L1779-02     | 1          | No       | 7.0        | N/A      | 17.50   | 5             | 8.59          | 7.07        | -         | 0                 | 3.5               |         |
| L1779-02     | 2          |          |            |          |         | 20            | 8.59          | 7.42        | -         | 0                 |                   |         |
| L1779-02     | 3          |          |            |          |         | 50            | 8.59          | 7.37        | -         | 0                 |                   |         |
| L1779-02     | 4          |          |            |          |         | 150           | 8.59          | 6.27        | 2.32      | 3.5               |                   |         |
| L1779-02DUP  | 1          | No       | 7.0        | N/A      | 17.50   | 5             | 8.59          | 7.08        | -         | 0                 | 3.44              |         |
| L1779-02DUP  | 2          |          |            |          |         | 20            | 8.59          | 7.44        | -         | 0                 |                   |         |
| L1779-02DUP  | 3          |          |            |          |         | 50            | 8.59          | 7.39        | -         | 0                 |                   |         |
| L1779-02DUP  | 4          |          |            |          |         | 150           | 8.59          | 6.30        | 2.29      | 3.44              |                   |         |
| L1796-01     | 1          | No       | 7.0        | N/A      | 17.00   | 0.5           | 8.59          | 7.42        | -         | 0                 | 973.5             |         |
| L1796-01     | 2          |          |            |          |         | 1             | 8.59          | 4.30        | 4.29      | 1116              |                   |         |
| L1796-01     | 3          |          |            |          |         | 2             | 8.56          | 2.45        | 6.11      | 831               |                   |         |
| L1796-01     | 4          |          |            |          |         | 3             | 8.53          | 0.14        | -         | 0                 |                   |         |

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