

Analysis Date: 08/06/2020

QC BATCH ID: LB110400

ANALYST: jignesh

BOD Water: WP86038

SUPERVISOR: apatel

Starch: W2703

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP86040

Sodium Thiosulfate, 0.025N: WP84605

GGA: WP86039

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                  | 8.8                | 8.8        | 8.85    |
| WINKLER 2    | WINKLER 2 | 2          | 300     | 8.8                  | 17.7               | 8.9        | 8.85    |

Meter Calibration1 : 8.85

Zero DO Reading1 : 0.03 mg/L (&lt;=0.2 Criteria)

**After Incubation**

Meter Calibration2 : 8.85

Zero DO Reading2 : 0.04 mg/L (&lt;=0.2 Criteria)

QC BATCH ID: LB110400

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 16:00

TIME OUT: 11:10

DATE IN: 08/06/2020

DATE OUT: 08/11/2020

| 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 |
|--------------|------------|----------|------------|----------|---------|---------------|---------------|-------------|-----------|-------------------|-------------------|---------|
| LB110400BL   | 1          | No       | 6.0        | N/A      | 17.20   | 300           | 8.85          | 8.85        | 0         | 0                 | 0                 |         |
| POLYSEED     | 1          |          |            |          |         | 10            | 8.71          | 4.73        | 3.98      | 0.8               | 0.67              |         |
| POLYSEED     | 2          |          |            |          |         | 15            | 8.66          | 4.31        | 4.35      | 0.58              |                   |         |
| POLYSEED     | 3          |          |            |          |         | 20            | 8.58          | 2.28        | 6.3       | 0.63              |                   |         |
| GGA          | 1          |          |            |          |         | 6             | 8.78          | 3.74        | 5.04      | 218.5             | 218.5             |         |
| GGA          | 2          |          |            |          |         | 6             | 8.77          | 3.58        | 5.19      | 226               | 226               |         |
| GGA          | 3          |          |            |          |         | 6             | 8.76          | 3.63        | 5.13      | 223               | 223               |         |
| L3569-02     | 1          | No       | 6.4        | N/A      | 19.60   | 0.5           | 8.80          | 7.13        | -         | 0                 | 455.5             |         |
| L3569-02     | 2          |          |            |          |         | 1             | 8.77          | 6.26        | 2.51      | 552               |                   |         |
| L3569-02     | 3          |          |            |          |         | 2             | 8.71          | 5.25        | 3.46      | 418.5             |                   |         |
| L3569-02     | 4          |          |            |          |         | 3             | 8.67          | 4.04        | 4.63      | 396               |                   |         |
| L3569-02DUP  | 1          | No       | 6.4        | N/A      | 19.40   | 0.5           | 8.81          | 7.14        | -         | 0                 | 453.5             |         |
| L3569-02DUP  | 2          |          |            |          |         | 1             | 8.79          | 6.29        | 2.5       | 549               |                   |         |
| L3569-02DUP  | 3          |          |            |          |         | 2             | 8.73          | 5.29        | 3.44      | 415.5             |                   |         |
| L3569-02DUP  | 4          |          |            |          |         | 3             | 8.69          | 4.06        | 4.63      | 396               |                   |         |
| L3570-02     | 1          | No       | 6.8        | N/A      | 19.50   | 5             | 8.81          | 8.40        | -         | 0                 |                   |         |
| L3570-02     | 2          |          |            |          |         | 20            | 8.80          | 8.33        | -         | 0                 |                   |         |
| L3570-02     | 3          |          |            |          |         | 50            | 8.77          | 8.21        | -         | 0                 |                   |         |
| L3570-02     | 4          |          |            |          |         | 150           | 8.70          | 8.23        | -         | 0                 |                   |         |
| L3588-01     | 1          | No       | 6.4        | N/A      | 20.10   | 0.1           | 8.81          | 5.80        | 3.01      | 7020              | 1798.2            |         |
| L3588-01     | 2          |          |            |          |         | 0.5           | 8.80          | 6.28        | 2.52      | 1110              |                   |         |
| L3588-01     | 3          |          |            |          |         | 1             | 8.79          | 6.11        | 2.68      | 603               |                   |         |
| L3588-01     | 4          |          |            |          |         | 5             | 8.78          | 5.58        | 3.2       | 151.8             |                   |         |
| L3588-01     | 5          |          |            |          |         | 20            | 8.80          | 1.05        | 7.75      | 106.2             |                   |         |
| L3595-01     | 1          | No       | 6.8        | N/A      | 21.20   | 0.5           | 8.81          | 3.64        | 5.17      | 2700              | 2368.5            |         |
| L3595-01     | 2          |          |            |          |         | 1             | 8.80          | 1.34        | 7.46      | 2037              |                   |         |
| L3595-01     | 3          |          |            |          |         | 5             | 8.76          | 0.10        | -         | 0                 |                   |         |
| L3595-01     | 4          |          |            |          |         | 20            | 8.44          | 0.08        | -         | 0                 |                   |         |
| L3595-01     | 5          |          |            |          |         | 50            | 7.70          | 0.04        | -         | 0                 |                   |         |

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

LB110400

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod 13569      WorkList ID : 141191      Department : Wet-Chemistry      Date : 08-06-2020 08:20:04

| Due Date   | Matrix | Sample   | Test | Preservative | Customer | Storage Location | Customer Sample   | Collect Date | Method   |
|------------|--------|----------|------|--------------|----------|------------------|-------------------|--------------|----------|
| 08/07/2020 | Water  | L3569-02 | BOD5 | Cool 4 deg C | ARAM01   | J11              | COMP              | 08/05/2020   | SM5210 B |
| 08/06/2020 | Water  | L3570-02 | BOD5 | Cool 4 deg C | SHAW22   | J12              | OUTFALL001-200804 | 08/04/2020   | SM5210 B |
| 08/08/2020 | Water  | L3588-01 | BOD5 | Cool 4 deg C | PHAR02   | J21              | 32220008-3        | 08/06/2020   | SM5210 B |
| 08/08/2020 | Water  | L3595-01 | BOD5 | Cool 4 deg C | PHAR02   | J31              | 15220032-1        | 08/06/2020   | SM5210 B |

Date/Time 08/06/2020 15:40  
Received by: KS (webcam)  
Relinquished by: KS (webcam)

Date/Time 08/06/2020 18:00  
Received by: KS (webcam)  
Relinquished by: KS (webcam)