



## CBOD5 LOG

Analysis Date: 12/12/2019

QC BATCH ID: LB106706

ANALYST: Alexander

BOD Water: WP80454

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2602

Alkaline Iodide Azide: W2472

POLYSEED: WP80456

Sodium Thiosulfate, 0.025N: WP80247

GGA: WP80455

NaOH, 0.25N: WP77359

Chlorine Strips: W2430

IncubatorID: Incubator-3

pH Strips: W2350

Zero DO: WP80479

Nitrification Inhibitor: W2320

| Lab SampleID | Client ID | Bottle No. | VOL. ML | Initial Reading (ML) | Final Reading (ML) | Difference | Average |
|--------------|-----------|------------|---------|----------------------|--------------------|------------|---------|
| WINKLER 1    | WINKLER 1 | 1          | 300     | 0.0                  | 9.2                | 9.2        | 9.25    |
| WINKLER 2    | WINKLER 2 | 2          | 300     | 9.2                  | 18.5               | 9.3        | 9.25    |

Meter Calibration1 : 9.25

Zero DO Reading1 : 0.00 mg/L (&lt;=0.2 Criteria)

After Incubation

Meter Calibration2 : 9.25

Zero DO Reading2 : 0.05 mg/L (&lt;=0.2 Criteria)



QC BATCH ID: LB106706

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 14:30

TIME OUT: 09:20

DATE IN: 12/12/2019

DATE OUT: 12/17/2019

| 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 |
|--------------|------------|----------|------------|----------|---------|---------------|---------------|-------------|-----------|-------------------|-------------------|---------|
| LB106706BL   | 1          | No       | 6.0        | N/A      | 18.40   | 300           | 9.25          | 9.25        | 0         | 0                 | 0                 |         |
| POLYSEED     | 1          |          |            |          |         | 10            | 9.23          | 4.17        | 5.06      | 1.01              | 0.88              |         |
| POLYSEED     | 2          |          |            |          |         | 15            | 9.23          | 2.93        | 6.3       | 0.84              |                   |         |
| POLYSEED     | 3          |          |            |          |         | 20            | 9.21          | 1.25        | 7.96      | 0.8               |                   |         |
| GGA          | 1          |          |            |          |         | 6             | 9.23          | 3.97        | 5.26      | 219               | 219               |         |
| GGA          | 2          |          |            |          |         | 6             | 9.22          | 3.90        | 5.32      | 222               | 222               |         |
| GGA          | 3          |          |            |          |         | 6             | 9.23          | 4.52        | 4.71      | 191.5             | 191.5             |         |
| K6258-01     | 1          | No       | 6.4        | N/A      | 21.00   | 5             | 9.24          | 8.60        | -         | 0                 |                   |         |
| K6258-01     | 2          |          |            |          |         | 20            | 9.22          | 8.18        | -         | 0                 |                   |         |
| K6258-01     | 3          |          |            |          |         | 50            | 9.21          | 7.96        | -         | 0                 |                   |         |
| K6258-01     | 4          |          |            |          |         | 150           | 9.16          | 7.17        | -         | 0                 |                   |         |
| K6258-02     | 1          | No       | 6.4        | N/A      | 21.00   | 5             | 9.22          | 7.59        | -         | 0                 |                   |         |
| K6258-02     | 2          |          |            |          |         | 20            | 9.22          | 8.34        | -         | 0                 |                   |         |
| K6258-02     | 3          |          |            |          |         | 50            | 9.21          | 8.32        | -         | 0                 |                   |         |
| K6258-02     | 4          |          |            |          |         | 150           | 9.17          | 7.19        | -         | 0                 |                   |         |
| K6258-02DUP  | 1          | No       | 6.4        | N/A      | 21.00   | 5             | 9.21          | 8.49        | -         | 0                 |                   |         |
| K6258-02DUP  | 2          |          |            |          |         | 20            | 9.21          | 8.39        | -         | 0                 |                   |         |
| K6258-02DUP  | 3          |          |            |          |         | 50            | 9.19          | 8.35        | -         | 0                 |                   |         |
| K6258-02DUP  | 4          |          |            |          |         | 150           | 9.15          | 7.84        | -         | 0                 |                   |         |

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

LB 106706

## WORKLIST(Hardcopy Internal Chain)

WorkList Name : cbod k6265      WorkList ID : 134120      Department : Wet-Chemistry      Date : 12-12-2019 09:43:08

| Due Date   | Matrix | Sample   | Test  | Preservative | Customer | Storage Location | Customer Sample       | Collect Date | Method   |
|------------|--------|----------|-------|--------------|----------|------------------|-----------------------|--------------|----------|
| 12/13/2019 | Water  | K6258-01 | CBOD5 | Cool 4 deg C | DIST01   | B41              | MH-NEAR-THE-CURB-(3A) | 12/11/2019   | SM5210 B |
| 12/13/2019 | Water  | K6258-02 | CBOD5 | Cool 4 deg C | DIST01   | B41              | MH-NEAR-THE-FRONT-DOO | 12/11/2019   | SM5210 B |

Date/Time 12/12/2019 15:00  
~~12/12/2019 15:00~~Received by: AMRelinquished by: JR

Date/Time

Received by:

Relinquished by:

12/12/2019 15:00JRAM