



## CBOD5 LOG

Analysis Date: 07/24/2019

QC BATCH ID: LB104198

ANALYST: AMANDEEP

BOD Water: WP76696

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2482

Alkaline Iodide Azide: W2472

POLYSEED: WP76698

Sodium Thiosulfate, 0.025N: WP74519

GGA: WP76697

NaOH, 0.25N: WP71104

Chlorine Strips: W2430

IncubatorID: Incubator-3

pH Strips: W2350

Zero DO: WP76490

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        | 9.3     |
| WINKLER 2    | WINKLER 2 | 2          | 300     | 9.2                  | 18.6               | 9.4        | 9.3     |

Meter Calibration1 : 9.3

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

After Incubation

Meter Calibration2 : 9.3

Zero DO Reading2 : 0.01 mg/L (&lt;=0.2 Criteria)



QC BATCH ID: LB104198

INCUBATOR TEMP IN(C): 20.8

INCUBATOR TEMP OUT(C): 20.7

TIME IN: 16:20

TIME OUT: 13:45

DATE IN: 07/24/2019

DATE OUT: 07/29/2019

| 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 |
|--------------|------------|----------|------------|----------|---------|---------------|---------------|-------------|-----------|-------------------|-------------------|---------|
| LB104198BL   | 1          | No       | 6.0        | N/A      | 17.50   | 300           | 9.30          | 9.29        | 0.01      | 0.01              | 0.01              |         |
| POLYSEED     | 1          |          |            |          |         | 10            | 9.26          | 4.98        | 4.28      | 0.86              | 0.8               |         |
| POLYSEED     | 2          |          |            |          |         | 15            | 9.19          | 3.58        | 5.61      | 0.75              |                   |         |
| POLYSEED     | 3          |          |            |          |         | 20            | 9.16          | 1.26        | 7.9       | 0.79              |                   |         |
| GGA          | 1          |          |            |          |         | 6             | 9.22          | 4.43        | 4.79      | 199.5             | 199.5             |         |
| GGA          | 2          |          |            |          |         | 6             | 9.21          | 4.83        | 4.38      | 179               | 179               |         |
| GGA          | 3          |          |            |          |         | 6             | 9.22          | 4.21        | 5.01      | 210.5             | 210.5             |         |
| K3992-01     | 1          | No       | 6.4        | N/A      | 17.60   | 5             | 9.25          | 8.74        | -         | 0                 |                   |         |
| K3992-01     | 2          |          |            |          |         | 20            | 9.27          | 8.83        | -         | 0                 |                   |         |
| K3992-01     | 3          |          |            |          |         | 50            | 9.32          | 8.47        | -         | 0                 |                   |         |
| K3992-01     | 4          |          |            |          |         | 150           | 9.35          | 7.37        | -         | 0                 |                   |         |
| K3992-01DUP  | 1          | No       | 6.4        | N/A      | 17.60   | 5             | 9.28          | 8.74        | -         | 0                 |                   |         |
| K3992-01DUP  | 2          |          |            |          |         | 20            | 9.27          | 8.83        | -         | 0                 |                   |         |
| K3992-01DUP  | 3          |          |            |          |         | 50            | 9.30          | 8.47        | -         | 0                 |                   |         |
| K3992-01DUP  | 4          |          |            |          |         | 150           | 9.36          | 7.37        | -         | 0                 |                   |         |

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

CB104198

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod5072419-2      WorkList ID : 128946      Department : Wet-Chemistry      Date : 07-24-2019 08:21:50

| Due Date   | Matrix | Sample   | Test  | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method   |
|------------|--------|----------|-------|--------------|----------|------------------|-----------------|--------------|----------|
| 07/26/2019 | Water  | K3992-01 | CBOD5 | Cool 4 deg C | DIST01   | N11              | 55-ST-19        | 07/24/2019   | SM5210 B |

Date/Time 07-24-19 15:40  
Received by: [Signature]  
Relinquished by: [Signature]

Date/Time 07-24-19 17:20  
Received by: [Signature]  
Relinquished by: [Signature]