

# TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: apatel

ANALYST: jignesh

Date: 02/11/2022

Run Number: LB118652

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 103 °C 02/11/2022 15:00 TEMP1 OUT: 103 °C 02/11/2022 16:00  
 TEMP2 IN: 103 °C 02/11/2022 16:30 TEMP2 OUT: 103 °C 02/11/2022 17:30  
 TEMP3 IN: 104 °C 02/12/2022 08:00 TEMP3 OUT: 104 °C 02/12/2022 10:30  
 TEMP4 IN: 104 °C 02/12/2022 11:00 TEMP4 OUT: 104 °C 02/12/2022 12:30

| Dish # | Lab ID      | Client ID                   | Empty Dish Weight (g) | Final Empty Dish Weight (g) | Sample Volume (ml) | 1st Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g) | 2nd Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g) | Final Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g) | Weight (g) | Result mg/L |
|--------|-------------|-----------------------------|-----------------------|-----------------------------|--------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------|------------|-------------|
| 1      | LB118652BL  | LB118652BL                  | 1.3537                | 1.3537                      | 100                | 1.3538                                                          | 1.3538                                                          | 1.3538                                                            | 0.0001     | 1           |
| 2      | LB118652BS  | LB118652BS                  | 1.4753                | 1.4753                      | 100                | 1.5284                                                          | 1.5284                                                          | 1.5284                                                            | 0.0531     | 531         |
| 3      | N1477-08    | 20220072-104-21-SITE-WATER  | 1.4093                | 1.4093                      | 1000               | 1.4475                                                          | 1.4475                                                          | 1.4475                                                            | 0.0382     | 38.2        |
| 4      | N1477-09    | 20220073-105-21-SITE-WATER  | 1.3862                | 1.3862                      | 500                | 1.4063                                                          | 1.4063                                                          | 1.4063                                                            | 0.0201     | 40.2        |
| 5      | N1477-09DUP | 20220073-105-21-SITE-WATERD | 1.3657                | 1.3657                      | 500                | 1.3856                                                          | 1.3856                                                          | 1.3856                                                            | 0.0199     | 39.8        |
| 6      | N1513-02    | 20220066-096-21-SITE-WATER  | 1.3919                | 1.3919                      | 1000               | 1.4205                                                          | 1.4205                                                          | 1.4205                                                            | 0.0286     | 28.6        |
| 7      | N1513-03    | 20220067-097-21-SITE-WATER  | 1.3863                | 1.3863                      | 1000               | 1.4065                                                          | 1.4065                                                          | 1.4065                                                            | 0.0202     | 20.2        |
| 8      | N1513-04    | 20220068-098-21-SITE-WATER  | 1.4039                | 1.4039                      | 1000               | 1.4289                                                          | 1.4289                                                          | 1.4289                                                            | 0.0250     | 25          |
| 9      | N1513-05    | 20220069-101-21-SITE-WATER  | 1.4021                | 1.4021                      | 1000               | 1.4288                                                          | 1.4288                                                          | 1.4288                                                            | 0.0267     | 26.7        |
| 10     | N1513-06    | 20220070-102-21-SITE-WATER  | 1.4151                | 1.4151                      | 1000               | 1.4313                                                          | 1.4313                                                          | 1.4313                                                            | 0.0162     | 16.2        |
| 11     | N1513-07    | 20220071-103-21-SITE-WATER  | 1.3929                | 1.3929                      | 1000               | 1.4323                                                          | 1.4323                                                          | 1.4323                                                            | 0.0394     | 39.4        |
| 12     | N1520-01    | EFFLUENT                    | 1.3812                | 1.3812                      | 20                 | 1.3939                                                          | 1.3939                                                          | 1.3939                                                            | 0.0127     | 635         |
| 13     | N1520-04    | AER-TANK-1                  | 1.4055                | 1.4055                      | 10                 | 1.5244                                                          | 1.5244                                                          | 1.5244                                                            | 0.1189     | 11890       |



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| Dish # | Lab ID | Client ID | Empty Dish Weight (g) | Final Empty Dish Weight (g) | Sample Volume (ml) | 1st Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g) | 2nd Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g) | Final Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g) | Weight (g) | Result mg/L |
|--------|--------|-----------|-----------------------|-----------------------------|--------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------|------------|-------------|
|        |        |           |                       |                             |                    |                                                                 |                                                                 |                                                                   |            |             |

A = Sample Volume (ml)  
B = Final Empty Dish Weight (g)  
C = Final Empty Dish + Sample weight after 1.5 hr drying @105°C(g)  
D = Weight (g)

Weight (g) = C - B

Result mg/L =  $\frac{D}{A} \times 1000 \times 1000$

VB 118652

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : TSS N1520      WorkList ID : 156780      Department : Wet-Chemistry      Date : 02-12-2022 07:05:56

| Due Date   | Matrix | Sample   | Test | Preservative | Customer | Raw Sample Storage Location | Customer Sample            | Collect Date | Method   |
|------------|--------|----------|------|--------------|----------|-----------------------------|----------------------------|--------------|----------|
| 02/15/2022 | Water  | N1477-08 | TSS  | Cool 4 deg C | AQUA04   | M11                         | 20220072-104-21-SITE-WATER | 02/08/2022   | SM2540 D |
| 02/15/2022 | Water  | N1477-09 | TSS  | Cool 4 deg C | AQUA04   | M11                         | 20220073-105-21-SITE-WATER | 02/08/2022   | SM2540 D |
| 02/16/2022 | Water  | N1513-02 | TSS  | Cool 4 deg C | AQUA04   | M11                         | 20220066-096-21-SITE-WATER | 02/09/2022   | SM2540 D |
| 02/16/2022 | Water  | N1513-03 | TSS  | Cool 4 deg C | AQUA04   | M11                         | 20220067-097-21-SITE-WATER | 02/09/2022   | SM2540 D |
| 02/16/2022 | Water  | N1513-04 | TSS  | Cool 4 deg C | AQUA04   | M11                         | 20220068-098-21-SITE-WATER | 02/09/2022   | SM2540 D |
| 02/16/2022 | Water  | N1513-05 | TSS  | Cool 4 deg C | AQUA04   | M11                         | 20220069-101-21-SITE-WATER | 02/09/2022   | SM2540 D |
| 02/16/2022 | Water  | N1513-06 | TSS  | Cool 4 deg C | AQUA04   | M11                         | 20220070-102-21-SITE-WATER | 02/09/2022   | SM2540 D |
| 02/16/2022 | Water  | N1513-07 | TSS  | Cool 4 deg C | AQUA04   | M11                         | 20220071-103-21-SITE-WATER | 02/09/2022   | SM2540 D |
| 02/18/2022 | Water  | N1520-01 | TSS  | Cool 4 deg C | HOLL01   | N22                         | EFFLUENT                   | 02/11/2022   | SM2540 D |
| 02/18/2022 | Water  | N1520-04 | TSS  | Cool 4 deg C | HOLL01   | N22                         | AER-TANK-1                 | 02/11/2022   | SM2540 D |

Date/Time 02.12.22 7:10  
 Raw Sample Received by: JD/WC1  
 Raw Sample Relinquished by: CD SM

Date/Time 02.12.22 09:00  
 Raw Sample Received by: CD SM  
 Raw Sample Relinquished by: JD/WC1