



# TOTAL SUSPENDED SOLIDS - SM2540D

TEMP1 IN: 103 °C 04/14/2023 14:00 TEMP1 OUT: 103 °C 04/14/2023 15:00  
TEMP2 IN: 104 °C 04/14/2023 15:30 TEMP2 OUT: 104 °C 04/14/2023 16:30  
TEMP3 IN: 104 °C 04/17/2023 09:30 TEMP3 OUT: 103 °C 04/17/2023 11:00  
TEMP4 IN: 103 °C 04/17/2023 11:30 TEMP4 OUT: 104 °C 04/17/2023 12:37

SUPERVISOR: Iwona

ANALYST: JIGNESH

Date: 04/14/2023

Run Number: LB124992

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

| 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      | LB124992BL  | LB124992BL | 1.3526                | 1.3526                      | 100                | 1.3527                                                          | 1.3527                                                          | 1.3527                                                            | 0.0001     | 1           |
| 2      | LB124992BS  | LB124992BS | 1.4871                | 1.4871                      | 100                | 1.5401                                                          | 1.5401                                                          | 1.5401                                                            | 0.0530     | 530         |
| 3      | O2343-01    | TOWER-1    | 1.4047                | 1.4047                      | 1000               | 1.4101                                                          | 1.4101                                                          | 1.4101                                                            | 0.0054     | 5.4         |
| 4      | O2343-02    | TOWER-2    | 1.4183                | 1.4183                      | 2000               | 1.4245                                                          | 1.4245                                                          | 1.4245                                                            | 0.0062     | 3.1         |
| 5      | O2344-02    | DSN001     | 1.4045                | 1.4045                      | 1000               | 1.4144                                                          | 1.4144                                                          | 1.4144                                                            | 0.0099     | 9.9         |
| 6      | O2344-04    | DSN002     | 1.4086                | 1.4086                      | 1000               | 1.4191                                                          | 1.4191                                                          | 1.4191                                                            | 0.0105     | 10.5        |
| 7      | O2344-06    | DSN003     | 1.4135                | 1.4135                      | 1000               | 1.4161                                                          | 1.4161                                                          | 1.4161                                                            | 0.0026     | 2.6         |
| 8      | O2344-06DUP | DSN003DUP  | 1.4243                | 1.4243                      | 1000               | 1.4267                                                          | 1.4269                                                          | 1.4269                                                            | 0.0026     | 2.6         |
| 9      | O2367-01    | EFFLUENT   | 1.4032                | 1.4032                      | 20                 | 1.4186                                                          | 1.4186                                                          | 1.4186                                                            | 0.0154     | 770         |
| 10     | O2367-04    | AER-TANK-1 | 1.4151                | 1.4151                      | 10                 | 1.5152                                                          | 1.5152                                                          | 1.5152                                                            | 0.1001     | 10010       |

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 =  $\frac{D}{A} \times 1000 \times 1000$