

## TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 05/09/2024

Run Number: LB130695

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 103 °C 05/09/2024 07:00 TEMP1 OUT: 103 °C 05/09/2024 08:00  
 TEMP2 IN: 104 °C 05/09/2024 08:30 TEMP2 OUT: 104 °C 05/09/2024 09:30  
 TEMP3 IN: 103 °C 05/09/2024 12:30 TEMP3 OUT: 104 °C 05/09/2024 14:20  
 TEMP4 IN: 103 °C 05/09/2024 15:00 TEMP4 OUT: 103 °C 05/09/2024 16:38

| 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      | LB130695BL  | LB130695BL         | 1.3526                | 1.3526                      | 100                | 1.3527                                                          | 1.3527                                                          | 1.3527                                                            | 0.0001     | 1           |
| 2      | LB130695BS  | LB130695BS         | 1.4536                | 1.4536                      | 100                | 1.5069                                                          | 1.5069                                                          | 1.5069                                                            | 0.0533     | 533         |
| 3      | P2399-01    | EFFLUENT           | 1.4133                | 1.4133                      | 20                 | 1.4738                                                          | 1.4738                                                          | 1.4738                                                            | 0.0605     | 3025        |
| 4      | P2399-04    | AERATION-1         | 1.4072                | 1.4072                      | 10                 | 1.5595                                                          | 1.5595                                                          | 1.5595                                                            | 0.1523     | 15230       |
| 5      | P2406-01    | DRAIN-WATER-TANK-1 | 1.4168                | 1.4168                      | 200                | 1.4341                                                          | 1.4341                                                          | 1.4341                                                            | 0.0173     | 86.5        |
| 6      | P2410-01    | A2295              | 1.4236                | 1.4236                      | 2000               | 1.4864                                                          | 1.4864                                                          | 1.4864                                                            | 0.0628     | 31.4        |
| 7      | P2417-02    | COMP               | 1.4044                | 1.4044                      | 1000               | 1.4444                                                          | 1.4444                                                          | 1.4444                                                            | 0.0400     | 40          |
| 8      | P2419-01    | TOWERS-1           | 1.4114                | 1.4114                      | 1000               | 1.4135                                                          | 1.4135                                                          | 1.4135                                                            | 0.0021     | 2.1         |
| 9      | P2419-02    | TOWERS-2           | 1.4114                | 1.4114                      | 1000               | 1.4192                                                          | 1.4192                                                          | 1.4192                                                            | 0.0078     | 7.8         |
| 10     | P2420-01    | DSN002             | 1.4072                | 1.4072                      | 1000               | 1.4275                                                          | 1.4275                                                          | 1.4275                                                            | 0.0203     | 20.3        |
| 11     | P2420-03    | DSN001             | 1.4256                | 1.4256                      | 1000               | 1.4331                                                          | 1.4331                                                          | 1.4331                                                            | 0.0075     | 7.5         |
| 12     | P2420-05    | DSN003             | 1.4182                | 1.4182                      | 1000               | 1.4241                                                          | 1.4241                                                          | 1.4241                                                            | 0.0059     | 5.9         |
| 13     | P2420-05DUP | DSN003DUP          | 1.4083                | 1.4083                      | 1000               | 1.4143                                                          | 1.4143                                                          | 1.4143                                                            | 0.0060     | 6           |

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|--------|--------|-----------|-----------------------|-----------------------------|--------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------|------------|-------------|
|        |        |           |                       |                             |                    |                                                                 |                                                                 |                                                                   |            |             |

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

# WORKLIST(Hardcopy Internal Chain)

27 130695

WorkList Name : tss p2420      WorkList ID : 180118      Department : Wet-Chemistry      Date : 05-09-2024 10:01:27

| Sample   | Customer Sample    | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method   |
|----------|--------------------|--------|------|--------------|----------|-----------------------------|--------------|----------|
| P2399-01 | D EFFLUENT         | Water  | TSS  | Cool 4 deg C | HOLL01   | K31                         | 05/06/2024   | SM2540 D |
| P2399-04 | AERATION-1         | Water  | TSS  | Cool 4 deg C | HOLL01   | K31                         | 05/06/2024   | SM2540 D |
| P2406-01 | DRAIN-WATER-TANK-1 | Water  | TSS  | Cool 4 deg C | MAJO01   | K31                         | 05/07/2024   | SM2540 D |
| P2410-01 | H.I. A2295         | Water  | TSS  | Cool 4 deg C | PSEG03   | K41                         | 05/07/2024   | SM2540 D |
| P2417-02 | COMP               | Water  | TSS  | Cool 4 deg C | ARAM01   | K51                         | 05/08/2024   | SM2540 D |
| P2419-01 | C TOWERS-1         | Water  | TSS  | Cool 4 deg C | PSEG04   | K41                         | 05/08/2024   | SM2540 D |
| P2419-02 | C TOWERS-2         | Water  | TSS  | Cool 4 deg C | PSEG04   | K41                         | 05/08/2024   | SM2540 D |
| P2420-01 | F DSN002           | Water  | TSS  | Cool 4 deg C | PSEG04   | K51                         | 05/08/2024   | SM2540 D |
| P2420-03 | F DSN001           | Water  | TSS  | Cool 4 deg C | PSEG04   | K51                         | 05/08/2024   | SM2540 D |
| P2420-05 | P DSN003           | Water  | TSS  | Cool 4 deg C | PSEG04   | K51                         | 05/08/2024   | SM2540 D |

Date/Time 05/08/24 10:10  
 Raw Sample Received by: 206001  
 Raw Sample Relinquished by: 206001

Date/Time 05/08/24 17:00  
 Raw Sample Received by: 206001  
 Raw Sample Relinquished by: 206001