

**TOTAL Dissolved Solids - SM2540C**

Run Number: LB131109

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 06/08/2024

BalanceID: WC SC-6

Filter ID: 17416528

|                   |        |            |       |                   |        |            |       |
|-------------------|--------|------------|-------|-------------------|--------|------------|-------|
| <b>EMPTY DISH</b> |        |            |       | <b>EMPTY DISH</b> |        |            |       |
| TEMP IN:          | 103 °C | 06/07/2024 | 08:00 | TEMP OUT:         | 103 °C | 06/07/2024 | 09:00 |
| TEMP1 IN:         | 104 °C | 06/07/2024 | 09:30 | TEMP1 OUT:        | 104 °C | 06/07/2024 | 10:30 |
| TEMP2 IN:         | 103 °C | 06/07/2024 | 16:00 | TEMP2 OUT:        | 104 °C | 06/08/2024 | 07:00 |
| TEMP3 IN:         | 180 °C | 06/08/2024 | 07:05 | TEMP3 OUT:        | 180 °C | 06/08/2024 | 09:30 |

|          |           |             |            |
|----------|-----------|-------------|------------|
| OvenID:  | WC OVEN-1 | Thermo ID:  | WET OVNE#1 |
| OvenID1: | WC OVEN-1 | Thermo ID1: | WET OVEN#1 |
| OvenID2: | WC OVEN-2 | Thermo ID2: | WET OVEN#2 |
| OvenID3: | WC OVEN#2 | Thermo ID3: | WET OVEN#2 |

| 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 @180(±2) °C (g) | 2nd Empty Dish+Sample weight after 1.5hr drying @180(±2) °C (g) | Final Empty Dish+Sample weight after 1.5hr drying @180(±2) °C (g) | Weight (g) | Result mg/L |
|--------|-------------|------------|-----------------------|-----------------------------|--------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------|------------|-------------|
| 1      | LB131109BL  | LB131109BL | 75.0693               | 75.0693                     | 100                | 75.0694                                                         | 75.0694                                                         | 75.0694                                                           | 0.0001     | 1           |
| 2      | LB131109BS  | LB131109BS | 91.0874               | 91.0874                     | 100                | 91.0968                                                         | 91.0968                                                         | 91.0968                                                           | 0.0094     | 94          |
| 3      | P2744-01    | TOWER-1    | 85.0720               | 85.0720                     | 100                | 85.4640                                                         | 85.4640                                                         | 85.4640                                                           | 0.3920     | 3920        |
| 4      | P2744-02    | TOWER-2    | 88.9587               | 88.9587                     | 100                | 89.2484                                                         | 89.2484                                                         | 89.2484                                                           | 0.2897     | 2897        |
| 5      | P2744-02DUP | TOWER-2DUP | 85.4567               | 85.4567                     | 100                | 85.7555                                                         | 85.7555                                                         | 85.7555                                                           | 0.2988     | 2988        |
| 6      | P2749-01    | SY-10S     | 92.5259               | 92.5259                     | 100                | 92.5451                                                         | 92.5451                                                         | 92.5451                                                           | 0.0192     | 192         |
| 7      | P2749-03    | SY-10D     | 63.8284               | 63.8284                     | 100                | 63.8583                                                         | 63.8583                                                         | 63.8583                                                           | 0.0299     | 299         |
| 8      | P2749-05    | SY-10I     | 92.6533               | 92.6533                     | 100                | 92.7586                                                         | 92.7586                                                         | 92.7586                                                           | 0.1053     | 1053        |
| 9      | P2749-07    | SY-12D     | 89.6844               | 89.6844                     | 100                | 89.7474                                                         | 89.7474                                                         | 89.7474                                                           | 0.0630     | 630         |
| 10     | P2749-09    | SY-12I     | 98.7309               | 98.7309                     | 100                | 98.8026                                                         | 98.8026                                                         | 98.8026                                                           | 0.0717     | 717         |
| 11     | P2760-01    | MW-1       | 90.6077               | 90.6077                     | 100                | 90.6269                                                         | 90.6269                                                         | 90.6269                                                           | 0.0192     | 192         |
| 12     | P2760-03    | MW-2       | 89.8568               | 89.8568                     | 100                | 89.9532                                                         | 89.9532                                                         | 89.9532                                                           | 0.0964     | 964         |
| 13     | P2760-05    | MW-3       | 91.4140               | 91.4140                     | 100                | 91.4984                                                         | 91.4984                                                         | 91.4984                                                           | 0.0844     | 844         |
| 14     | P2760-07    | MW-4       | 91.6453               | 91.6453                     | 100                | 91.7326                                                         | 91.7326                                                         | 91.7326                                                           | 0.0873     | 873         |

**A =** Sample Volume (ml)  
**B =** Empty Dish Weight (g)  
**C =** 2nd Empty Dish + Sample weight after 1.5 hr drying @180(±2) °C(g)  
**D =** Weight (g)

$$\text{Weight (g)} = C - B$$

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

# WORKLIST(Hardcopy Internal Chain)

131109

WorkList Name : tds p2760      WorkList ID : 180888      Department : Wet-Chemistry      Date : 06-07-2024 09:46:37

| Sample   | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method   |
|----------|-----------------|--------|------|--------------|----------|-----------------------------|--------------|----------|
| P2744-01 | TOWER-1         | Water  | TDS  | Cool 4 deg C | PSEG04   | M21                         | 06/05/2024   | SM2540 C |
| P2744-02 | TOWER-2         | Water  | TDS  | Cool 4 deg C | PSEG04   | M21                         | 06/05/2024   | SM2540 C |
| P2749-01 | SY-10S          | Water  | TDS  | Cool 4 deg C | LOCK01   | M21                         | 06/04/2024   | SM2540 C |
| P2749-03 | SY-10D          | Water  | TDS  | Cool 4 deg C | LOCK01   | M21                         | 06/04/2024   | SM2540 C |
| P2749-05 | SY-10I          | Water  | TDS  | Cool 4 deg C | LOCK01   | M21                         | 06/04/2024   | SM2540 C |
| P2749-07 | SY-12D          | Water  | TDS  | Cool 4 deg C | LOCK01   | M21                         | 06/04/2024   | SM2540 C |
| P2749-09 | SY-12I          | Water  | TDS  | Cool 4 deg C | LOCK01   | M21                         | 06/04/2024   | SM2540 C |
| P2760-01 | MW-1            | Water  | TDS  | Cool 4 deg C | LOCK01   | M21                         | 06/04/2024   | SM2540 C |
| P2760-03 | MW-2            | Water  | TDS  | Cool 4 deg C | LOCK01   | M21                         | 06/05/2024   | SM2540 C |
| P2760-05 | MW-3            | Water  | TDS  | Cool 4 deg C | LOCK01   | M21                         | 06/05/2024   | SM2540 C |
| P2760-07 | MW-4            | Water  | TDS  | Cool 4 deg C | LOCK01   | M21                         | 06/05/2024   | SM2540 C |

Date/Time 06/07/24 12:10  
 Raw Sample Received by: SA Gove  
 Raw Sample Relinquished by: SA Gove

Date/Time 06/07/24 16:30  
 Raw Sample Received by: SA Gove  
 Raw Sample Relinquished by: SA Gove