

**TOTAL SUSPENDED SOLIDS - SM2540D**

**TEMP1 IN:** 103 °C 12/06/2024 11:00 **TEMP1 OUT:** 104 °C 12/06/2024 12:00  
**TEMP2 IN:** 104 °C 12/06/2024 12:30 **TEMP2 OUT:** 103 °C 12/06/2024 13:30  
**TEMP3 IN:** 104 °C 12/09/2024 11:00 **TEMP3 OUT:** 103 °C 12/09/2024 12:30  
**TEMP4 IN:** 104 °C 12/09/2024 13:00 **TEMP4 OUT:** 103 °C 12/09/2024 14:30

**SUPERVISOR:** Iwona

**ANALYST:** Niha

**Date:** 12/06/2024

**Run Number:** LB133838

**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      | LB133838BL  | LB133838BL                 | 1.4235                | 1.4235                      | 100                | 1.4235                                                          | 1.4235                                                          | 1.4235                                                            | 0.0000     | 0           |
| 2      | LB133838BS  | LB133838BS                 | 1.3952                | 1.3952                      | 100                | 1.4482                                                          | 1.4482                                                          | 1.4482                                                            | 0.0530     | 530         |
| 3      | P5068-01    | 14B-1                      | 1.4036                | 1.4036                      | 10                 | 1.4486                                                          | 1.4486                                                          | 1.4486                                                            | 0.0450     | 4500        |
| 4      | P5068-01DUP | 14B-1DUP                   | 1.4102                | 1.4102                      | 10                 | 1.4555                                                          | 1.4555                                                          | 1.4555                                                            | 0.0453     | 4530        |
| 5      | P5068-02    | 14B-2                      | 1.4080                | 1.4080                      | 10                 | 1.4658                                                          | 1.4658                                                          | 1.4658                                                            | 0.0578     | 5780        |
| 6      | P5068-03    | 14B-3                      | 1.3592                | 1.3592                      | 10                 | 1.4088                                                          | 1.4088                                                          | 1.4088                                                            | 0.0496     | 4960        |
| 7      | P5068-04    | 14B-4                      | 1.3586                | 1.3586                      | 10                 | 1.4205                                                          | 1.4205                                                          | 1.4205                                                            | 0.0619     | 6190        |
| 8      | P5074-02    | COMP                       | 1.3585                | 1.3585                      | 100                | 1.4460                                                          | 1.4460                                                          | 1.4460                                                            | 0.0875     | 875         |
| 9      | P5138-01    | 001-WILLETTS-PT-BLVD (NOV) | 1.3616                | 1.3616                      | 150                | 1.3768                                                          | 1.3768                                                          | 1.3768                                                            | 0.0152     | 101.3       |
| 10     | P5138-02    | 002-35TH-AVE (NOV)         | 1.3882                | 1.3882                      | 150                | 1.4046                                                          | 1.4046                                                          | 1.4046                                                            | 0.0164     | 109.3       |
| 11     | P5139-01    | 001-WILLETTS-PT-BLVD (DEC) | 1.3945                | 1.3945                      | 200                | 1.4112                                                          | 1.4112                                                          | 1.4112                                                            | 0.0167     | 83.5        |
| 12     | P5139-02    | 002-35TH-AVE (DEC)         | 1.3662                | 1.3662                      | 200                | 1.3842                                                          | 1.3842                                                          | 1.3842                                                            | 0.0180     | 90          |
| 13     | P5141-01    | WATER TREATMENT DISCHARGE  | 1.3633                | 1.3633                      | 500                | 1.3673                                                          | 1.3673                                                          | 1.3673                                                            | 0.0040     | 8           |
| 14     | P5142-01    | TOWERS-1                   | 1.4019                | 1.4019                      | 2000               | 1.4123                                                          | 1.4123                                                          | 1.4123                                                            | 0.0104     | 5.2         |
| 15     | P5142-03    | TOWERS-2                   | 1.3938                | 1.3938                      | 1000               | 1.4007                                                          | 1.4007                                                          | 1.4007                                                            | 0.0069     | 6.9         |

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ThermometerID: WET OVEN#1

TEMP1 IN: 103 °C 12/06/2024 11:00 TEMP1 OUT: 104 °C 12/06/2024 12:00  
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 TEMP3 IN: 104 °C 12/09/2024 11:00 TEMP3 OUT: 103 °C 12/09/2024 12:30  
 TEMP4 IN: 104 °C 12/09/2024 13:00 TEMP4 OUT: 103 °C 12/09/2024 14:30

| 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 |
|--------|----------|-----------------|-----------------------|-----------------------------|--------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------|------------|-------------|
| 16     | P5143-01 | DSN002          | 1.3569                | 1.3569                      | 1000               | 1.3747                                                          | 1.3747                                                          | 1.3747                                                            | 0.0178     | 17.8        |
| 17     | P5143-03 | DSN001          | 1.3967                | 1.3967                      | 1000               | 1.4128                                                          | 1.4128                                                          | 1.4128                                                            | 0.0161     | 16.1        |
| 18     | P5143-05 | DSN003          | 1.3983                | 1.3983                      | 2000               | 1.4073                                                          | 1.4073                                                          | 1.4073                                                            | 0.0090     | 4.5         |
| 19     | P5145-01 | 286085          | 1.3954                | 1.3954                      | 300                | 1.6235                                                          | 1.6235                                                          | 1.6235                                                            | 0.2281     | 760.3       |
| 20     | P5146-01 | EFFLUENT        | 1.4009                | 1.4009                      | 10                 | 1.4173                                                          | 1.4173                                                          | 1.4173                                                            | 0.0164     | 1640        |
| 21     | P5146-04 | AERATION TK 1   | 1.4004                | 1.4004                      | 10                 | 1.4273                                                          | 1.4273                                                          | 1.4273                                                            | 0.0269     | 2690        |
| 22     | P5192-02 | EFF-WASTE WATER | 1.4120                | 1.4120                      | 500                | 1.4276                                                          | 1.4276                                                          | 1.4276                                                            | 0.0156     | 31.2        |

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)

LB133838

WorkList Name : TSS-12052024

WorkList ID : 186012

Department : Wet-Chemistry

Date : 12-05-2024 12:33:29

| Sample   | Customer Sample          | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method   |
|----------|--------------------------|--------|------|--------------|----------|-----------------------------|--------------|----------|
| P5074-02 | COMP                     | Water  | TSS  | Cool 4 deg C | ARAM01   | M11                         | 12/04/2024   | SM2540 D |
| P5068-01 | 14B-1                    | Water  | TSS  | Cool 4 deg C | NEWY17   | L61                         | 12/03/2024   | SM2540 D |
| P5068-02 | 14B-2                    | Water  | TSS  | Cool 4 deg C | NEWY17   | L61                         | 12/03/2024   | SM2540 D |
| P5068-03 | 14B-3                    | Water  | TSS  | Cool 4 deg C | NEWY17   | L61                         | 12/03/2024   | SM2540 D |
| P5068-04 | 14B-4                    | Water  | TSS  | Cool 4 deg C | NEWY17   | L61                         | 12/03/2024   | SM2540 D |
| P5145-01 | 286085                   | Water  | TSS  | Cool 4 deg C | NEWY17   | L61                         | 12/03/2024   | SM2540 D |
| P5142-01 | TOWERS-1                 | Water  | TSS  | Cool 4 deg C | PSEG03   | L51                         | 12/05/2024   | SM2540 D |
| P5142-03 | TOWERS-2                 | Water  | TSS  | Cool 4 deg C | PSEG04   | L61                         | 12/05/2024   | SM2540 D |
| P5143-01 | DSN002                   | Water  | TSS  | Cool 4 deg C | PSEG04   | L61                         | 12/05/2024   | SM2540 D |
| P5143-03 | DSN001                   | Water  | TSS  | Cool 4 deg C | PSEG04   | L51                         | 12/05/2024   | SM2540 D |
| P5143-05 | DSN003                   | Water  | TSS  | Cool 4 deg C | PSEG04   | L51                         | 12/05/2024   | SM2540 D |
| P5141-01 | WATER TREATMENT DISCHAF  | Water  | TSS  | Cool 4 deg C | PSEG04   | L51                         | 12/05/2024   | SM2540 D |
| P5192-02 | EFF-WASTE WATER          | Water  | TSS  | Cool 4 deg C | VERI01   | M11                         | 12/05/2024   | SM2540 D |
| P5146-01 | EFFLUENT                 | Water  | TSS  | Cool 4 deg C | ARDM01   | M11                         | 12/06/2024   | SM2540 D |
| P5146-04 | AERATION TK 1            | Water  | TSS  | Cool 4 deg C | HOLL01   | M11                         | 12/05/2024   | SM2540 D |
| P5138-01 | 001-WILLETS-PT-BLVD(NOV) | Water  | TSS  | Cool 4 deg C | HOLL01   | M11                         | 12/05/2024   | SM2540 D |
| P5138-02 | 002-35TH-AVE(NOV)        | Water  | TSS  | Cool 4 deg C | TULL01   | L51                         | 12/04/2024   | SM2540 D |
| P5139-01 | 001-WILLETS-PT-BLVD(DEC) | Water  | TSS  | Cool 4 deg C | TULL01   | L51                         | 12/04/2024   | SM2540 D |
| P5139-02 | 002-35TH-AVE(DEC)        | Water  | TSS  | Cool 4 deg C | TULL01   | L51                         | 12/04/2024   | SM2540 D |

Date/Time 12.09.2024 10:00  
 Raw Sample Received by: NPW  
 Raw Sample Relinquished by: OP SN

Date/Time 12.09.2024 12:00  
 Raw Sample Received by: OP SN  
 Raw Sample Relinquished by: NPW