



## Extraction and Analytical Summary Report

Analysis Method: 1664A

Test: Oil and Grease

Run Number: LB120836

Analysis Date: 06/26/2022

BalanceID: WC SC-6

OvenID: EXT OVEN-3

ANALYST: JIGNESH

REVIEWED BY: mohammad

Extraction Date: 06/26/2022

Extraction IN Time: 08:37

Extraction OUT Time: 09:20

Thermometer ID: EXT OVEN#3

| Dish # | Lab ID     | Client ID            | Matrix | pH  | Sample Vol (ml) | Final Volume (ml) | Empty Dish Weight (g) | Final Empty Dish Weight (g) | Silica Gel Weight (g) | Weight After Drying (g) | Final Weight After Drying (g) | Change Weight (g) | Result in ppm |
|--------|------------|----------------------|--------|-----|-----------------|-------------------|-----------------------|-----------------------------|-----------------------|-------------------------|-------------------------------|-------------------|---------------|
| 1      | LB120836BL | LB120836BL           | WATER  | 1.3 | 1000            | 100               | 3.0257                | 3.0257                      | 0                     | 3.0258                  | 3.0258                        | 0.0001            | 0.1           |
| 2      | LB120836BS | LB120836BS           | WATER  | 1.3 | 1000            | 100               | 3.1476                | 3.1476                      | 0                     | 3.1648                  | 3.1648                        | 0.0172            | 17.2          |
| 3      | N3419-01   | EFFLUENT             | WATER  | 1.6 | 1000            | 100               | 2.9991                | 2.9991                      | 0                     | 3.0149                  | 3.0149                        | 0.0158            | 15.8          |
| 4      | N3419-02   | N3419-01MS           | WATER  | 1.6 | 1000            | 100               | 3.0536                | 3.0536                      | 0                     | 3.0894                  | 3.0894                        | 0.0358            | 35.8          |
| 5      | N3419-03   | N3419-01MSD          | WATER  | 1.3 | 1000            | 100               | 3.1781                | 3.1781                      | 0                     | 3.2134                  | 3.2134                        | 0.0353            | 35.3          |
| 6      | N3440-02   | BI-WEEKLY-INFLUENT   | WATER  | 1.3 | 1000            | 100               | 2.9909                | 2.9909                      | 0                     | 2.9916                  | 2.9916                        | 0.0007            | 0.7           |
| 7      | N3442-02   | BI-WEEKLY-DECANT     | WATER  | 1.3 | 1000            | 100               | 2.9876                | 2.9876                      | 0                     | 2.9878                  | 2.9878                        | 0.0002            | 0.2           |
| 8      | N3444-01   | SWB-N- (OUTFALL-116) | WATER  | 1.6 | 1000            | 100               | 3.0005                | 3.0005                      | 0                     | 3.0009                  | 3.0009                        | 0.0004            | 0.4           |



QC Batch# LB120836      Test: Oil and Grease      Analysis Date: 06/26/2022

**Chemicals Used:**

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W2919          |
| pH Paper 0-14  | M4909          |
| Sodium Sulfate | EP2247         |
| 1:1 HCL        | WP95586        |
| Silica Gel     | NA             |
| Sand           | NA             |

### Standards Used:

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSW          | 2.5 ML      | WP95587        |
| LCSWD         | NA          | NA             |
| MS/MSD        | 2.5 ML      | WP95588        |

### BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

## Before Analysis

|                      |               |                 |                 |              |                       |              |
|----------------------|---------------|-----------------|-----------------|--------------|-----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0019</u> | (0.0018-0.0022) | In OVEN TEMP1 : | <u>70 °C</u> | Dessicator Time In1 : | <u>10:41</u> |
| 1.0000 gram Balance: | <u>1.0004</u> | (0.9950-1.0050) | In Time1:       | <u>10:00</u> |                       |              |
| Bal Check Time:      | <u>09:00</u>  |                 | Out OVEN TEMP1: | <u>70 °C</u> | Dessicator Time Out1: | <u>11:20</u> |
|                      |               |                 | Out Time1:      | <u>10:40</u> |                       |              |

## After Analysis

|                      |               |                 |                 |              |                       |              |
|----------------------|---------------|-----------------|-----------------|--------------|-----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0021</u> | (0.0018-0.0022) | In OVEN TEMP2 : | <u>71 °C</u> | Dessicator Time In2 : | <u>12:31</u> |
| 1.0000 gram Balance: | <u>1.0005</u> | (0.9950-1.0050) | In Time2:       | <u>12:00</u> |                       |              |
| Bal Check Time:      | <u>13:30</u>  |                 | Out OVEN TEMP2: | <u>71 °C</u> | Dessicator Time Out2: | <u>13:00</u> |
|                      |               |                 | Out Time2:      | <u>12:30</u> |                       |              |

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : oil & grease n3438      WorkList ID : 160878      Department : Wet-Chemistry      Date : 06-26-2022 08:30:55

| Due Date   | Matrix | Sample   | Test           | Preservative | Customer      | Raw Sample Storage Location | Customer Sample | Collect Date        | Method           |
|------------|--------|----------|----------------|--------------|---------------|-----------------------------|-----------------|---------------------|------------------|
| 06/27/2022 | Water  | N3419-01 | Oil and Grease | ✓            | Conc H2SO4 to | HOLL01                      | D11             | EFFLUENT            | 06/20/2022 1664A |
| 06/27/2022 | Water  | N3419-02 | Oil and Grease |              | Conc H2SO4 to | HOLL01                      | D11             | N3419-01MS          | 06/20/2022 1664A |
| 06/27/2022 | Water  | N3419-03 | Oil and Grease |              | Conc H2SO4 to | HOLL01                      | D11             | N3419-01MSD         | 06/20/2022 1664A |
| 07/05/2022 | Water  | N3440-02 | Oil and Grease | ✓            | Conc H2SO4 to | INFR01                      | D11             | BI-WEEKLY-INFLUENT  | 06/22/2022 1664A |
| 07/05/2022 | Water  | N3442-02 | Oil and Grease | ✓            | Conc H2SO4 to | INFR01                      | D11             | BI-WEEKLY-DECANT    | 06/22/2022 1664A |
| 07/05/2022 | Water  | N3444-01 | Oil and Grease | ✓            | Conc H2SO4 to | INFR01                      | D11             | SWB-N-(OUTFALL-116) | 06/17/2022 1664A |

Date/Time 06/26/22 08:33

Raw Sample Received by: JP(WC)

Raw Sample Relinquished by: JP(WC)

Date/Time 06/26/22

Raw Sample Received by: JP(WC)

Raw Sample Relinquished by: JP(WC)

12:30