



## Extraction and Analytical Summary Report

Analysis Method: 1664A  
Test: Oil and Grease  
Run Number: LB104788  
Analysis Date: 08/26/2019  
BalanceID: WC SC-3  
OvenID: EXT OVEN-3

ANALYST: JIGNESH  
REVIEWED BY: apatel  
Extraction Date: 08/26/2019  
Extraction IN Time: 07:35  
Extraction OUT Time: 08:00

| Dish # | Lab ID      | Client ID                | Matrix | pH  | Sample Vol (ml) | Final Volume (ml) | Empty Dish Weight | 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      | LB104788BL  | LB104788BL               | WATER  | 1.3 | 1000            | 100               | 2.1569            | 2.1569                      | 0                     | 2.1569                  | 2.1569                        | 0.0000            | 0             |
| 2      | LB104788BS  | LB104788BS               | WATER  | 1.3 | 1000            | 100               | 2.8742            | 2.8742                      | 0                     | 2.8928                  | 2.8928                        | 0.0186            | 18.6          |
| 3      | K4453-03    | OUTFALL001-190820        | WATER  | 1.3 | 1000            | 100               | 2.9654            | 2.9654                      | 0                     | 2.9657                  | 2.9657                        | 0.0003            | 0.3           |
| 4      | K4505-01    | EFFLUENT                 | WATER  | 1.3 | 1000            | 100               | 2.9580            | 2.9580                      | 0                     | 2.9657                  | 2.9657                        | 0.0077            | 7.7           |
| 5      | K4505-01MS  | EFFLUENT                 | WATER  | 1.3 | 1000            | 100               | 2.7413            | 2.7413                      | 0                     | 2.7690                  | 2.7690                        | 0.0277            | 27.7          |
| 6      | K4505-01MSD | EFFLUENT                 | WATER  | 1.3 | 1000            | 100               | 3.2137            | 3.2137                      | 0                     | 3.2415                  | 3.2415                        | 0.0278            | 27.8          |
| 7      | K4512-01    | 001-WILLETTS-PT-BLVD- (A | WATER  | 1.3 | 1000            | 100               | 3.0981            | 3.0981                      | 0                     | 3.1025                  | 3.1025                        | 0.0044            | 4.4           |



QC Batch# LB104788      Test: Oil and Grease      Analysis Date: 08/26/2019

**Chemicals Used:**

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W2566          |
| pH Paper 0-14  | M4240          |
| Sodium Sulfate | EP1977         |
| 1:1 HCL        | WP74116        |
| Silica Gel     | NA             |
| Sand           | NA             |

**Standards Used:**

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSW          | 5.00 ML     | WP74117        |
| LCSWD         | NA          | NA             |
| MS/MSD        | 5.00 ML     | WP74118        |

**BALANCE CALIBRATION / OVEN Dessicator Data**

Analytical Balance ID # : WC SC-3

Before Analysis

|                      |               |                |              |                      |              |
|----------------------|---------------|----------------|--------------|----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0021</u> | In OVEN TEMP : | <u>70</u>    | Dessicator Time In : | <u>09:31</u> |
| 1.0000 gram Balance: | <u>1.0005</u> | In Time:       | <u>08:30</u> |                      |              |
| Bal Check Time:      | <u>07:45</u>  | Out OVEN TEMP: | <u>70</u>    | Dessicator Time Out: | <u>10:10</u> |
|                      |               | Out Time:      | <u>09:30</u> |                      |              |

After Analysis

|                      |               |                |              |                      |              |
|----------------------|---------------|----------------|--------------|----------------------|--------------|
| 0.0020 gram Balance: | <u>0.0019</u> | In OVEN TEMP : | <u>71</u>    | Dessicator Time In : | <u>11:11</u> |
| 1.0000 gram Balance: | <u>1.0004</u> | In Time:       | <u>10:35</u> |                      |              |
| Bal Check Time:      | <u>12:15</u>  | Out OVEN TEMP: | <u>71</u>    | Dessicator Time Out: | <u>11:40</u> |
|                      |               | Out Time:      | <u>11:10</u> |                      |              |

13104788

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : O & G K4512      WorkList ID : 130205      Department : Wet-Chemistry      Date : 08-26-2019 07:28:58

| Due Date   | Matrix | Sample            | Test           | Preservative  | Customer | Storage Location | Customer Sample           | Collect Date | Method |
|------------|--------|-------------------|----------------|---------------|----------|------------------|---------------------------|--------------|--------|
| 09/03/2019 | Water  | K4453-03 ~ I      | Oil and Grease | Conc H2SO4 1c | SHAW22   | H12              | OUTFALL001-190820         | 08/20/2019   | 1664A  |
| 08/30/2019 | Water  | K4505-01 ~ B, 11F | Oil and Grease | Conc H2SO4 1c | HOLL01   | I11              | EFFLUENT                  | 08/22/2019   | 1664A  |
| 08/27/2019 | Water  | K4512-01 ~ 13     | Oil and Grease | Conc H2SO4 1c | TULL01   | I12              | 001-WILLETTS-PT-BLVD-(AUG | 08/22/2019   | 1664A  |

Date/Time 08/26/2019 7:30  
 Received by: Jn  
 Relinquished by: CP

Date/Time 08/26/2019 10:00  
 Received by: CP  
 Relinquished by: Jn