

## Extraction and Analytical Summary Report

**Analysis Method:** 9071B  
**Test:** Oil and Grease  
**Run Number:** LB133203  
**Analysis Date:** 10/30/2024  
**BalanceID:** WC SC-6  
**OvenID:** EXT OVEN-3

**ANALYST:** jignesh  
**REVIEWED BY:** Iwona  
**Extraction Date:** 10/30/2024  
**Extraction IN Time:** 09:25  
**Extraction OUT Time:** 09:50  
**Thermometer ID:** EXT OVEN#3

| Dish # | Lab ID      | Client ID        | Matrix | pH | Sample Weight (g) | 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      | LB133203BL  | LB133203BL       | SOLID  |    | 20.02             | 100               | 2.8563                | 2.8563                      | 0                     | 2.8564                  | 2.8564                        | 0.0001            | 5             |
| 2      | LB133203BS  | LB133203BS       | SOLID  |    | 20.03             | 100               | 2.9367                | 2.9367                      | 0                     | 2.9385                  | 2.9385                        | 0.0018            | 89.87         |
| 3      | P4617-03    | CONCRETE-PILE    | SOLID  |    | 20.04             | 100               | 3.1503                | 3.1503                      | 0                     | 3.1506                  | 3.1506                        | 0.0003            | 14.97         |
| 4      | P4617-03DUP | CONCRETE-PILEDUP | SOLID  |    | 20.03             | 100               | 2.8741                | 2.8741                      | 0                     | 2.8744                  | 2.8744                        | 0.0003            | 14.98         |
| 5      | P4617-03MS  | CONCRETE-PILE    | SOLID  |    | 20.02             | 100               | 3.0259                | 3.0259                      | 0                     | 3.0268                  | 3.0268                        | 0.0009            | 44.96         |
| 6      | P4617-03MSD | CONCRETE-PILE    | SOLID  |    | 20.01             | 100               | 3.0185                | 3.0185                      | 0                     | 3.0194                  | 3.0194                        | 0.0009            | 44.98         |

QC Batch# LB133203

**Test:** Oil and Grease

**Analysis Date:** 10/30/2024

### Chemicals Used:

| Chemical Name  | Chemical Lot # |
|----------------|----------------|
| HEXANE         | W3110          |
| pH Paper 0-14  | NA             |
| Sodium Sulfate | EP2554         |
| 1:1 HCL        | WP108566       |
| Silica Gel     | NA             |
| Sand           | E2865          |

### Standards Used:

| Standard Name | Amount Used | Standard Lot # |
|---------------|-------------|----------------|
| LCSS          | 1.00 ML     | WP108569       |
| LCSSD         | NA          | NA             |
| MS/MSD        | 1.00 ML     | WP108570       |

### BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

## Before Analysis

0.0020 gram Balance: 0.0018 (0.0018-0.0022) In OVEN TEMP1 : 70 °C Dessicator Time In1 : 11:26

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 10:30

Bal Check Time: 09:35 Out OVEN TEMP1: 70 °C Dessicator Time Out1: 12:00

Out Time1: 11:25

## After Analysis

0.0020 gram Balance: 0.0021 (0.0018-0.0022) In OVEN TEMP2 : 71 °C Dessicator Time In2 : 13:01

1.0000 gram Balance: 1.0005 (0.9950-1.0050) In Time2: 12:30

Bal Check Time: 13:35 Out OVEN TEMP2: 71 °C Dessicator Time Out2: 13:32

Out Time2: 13:00

133203

WORKLIST(Hardcopy Internal Chain)

WorkList Name : oil & grease p4617      WorkList ID : 184941      Department : Wet-Chemistry      Date : 10-30-2024 09:17:16

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------|
| P4617-03 | CONCRETE-PILE   | Solid  | Oil and Grease | Cool 4 deg C | PSEG03   | K61                         | 10/29/2024   | 9071B  |

Date/Time 10/30/24 09:20  
Raw Sample Received by: [Signature]  
Raw Sample Relinquished by: [Signature]

Date/Time 10/31/24 13:00  
Raw Sample Received by: [Signature]  
Raw Sample Relinquished by: [Signature]