



TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 03/28/2024

Run Number: LB130083

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 103 °C 03/28/2024 14:00 TEMP1 OUT: 103 °C 03/28/2024 15:00
TEMP2 IN: 104 °C 03/28/2024 15:30 TEMP2 OUT: 104 °C 03/28/2024 16:30
TEMP3 IN: 103 °C 03/29/2024 09:30 TEMP3 OUT: 104 °C 03/29/2024 10:00
TEMP4 IN: 103 °C 03/29/2024 10:30 TEMP4 OUT: 104 °C 03/29/2024 11:45

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	LB130083BL	LB130083BL	1.2536	1.2536	100	1.2537	1.2537	1.2537	0.0001	1
2	LB130083BS	LB130083BS	1.4896	1.4896	100	1.5428	1.5428	1.5428	0.0532	532
3	P1872-01	EFFLUENT	1.4209	1.4209	20	1.4572	1.4572	1.4572	0.0363	1815
4	P1872-04	AERATION-1	1.4192	1.4192	10	1.4782	1.4782	1.4782	0.0590	5900
5	P1905-02	COMP	1.4071	1.4071	50	1.4399	1.4399	1.4399	0.0328	656
6	P1916-01	MW-1	1.4249	1.4249	1000	1.4294	1.4294	1.4294	0.0045	4.5
7	P1916-03	MW-3	1.4158	1.4158	2000	1.4163	1.4163	1.4163	0.0005	0.3
8	P1916-05	MW-4	1.4046	1.4046	2000	1.4049	1.4049	1.4049	0.0003	0.2
9	P1916-07	MW-2	1.4412	1.4412	1000	1.4418	1.4418	1.4418	0.0006	0.6
10	P1916-07DUP	MW-2DUP	1.4214	1.4214	1000	1.4217	1.4217	1.4217	0.0003	0.3

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 = $\frac{D}{A} \times 1000 \times 1000$