



TOTAL Dissolved Solids - SM2540C

Run Number: LB128609

Date: 12/08/2023

SUPERVISOR: Iwona

ANALYST: JIGNESH

BalanceID: WC SC-6

Filter ID: 17416528

EMPTY DISH				EMPTY DISH				OvenID:	WC OVEN-2	Thermo ID:	wet oven#1
TEMP IN:	103 °C	12/07/2023	11:00	TEMP OUT:	103 °C	12/07/2023	12:00	OvenID1:	WC OVEN-2	Thermo ID1:	WET OVEN#1
TEMP1 IN:	104 °C	12/07/2023	12:30	TEMP1 OUT:	104 °C	12/07/2023	13:30	OvenID2:	WC OVEN-2	Thermo ID2:	WET OVEN#2
TEMP2 IN:	104 °C	12/07/2023	17:00	TEMP2 OUT:	103 °C	12/08/2023	07:30	OvenID3:	WC OVEN-2	Thermo ID3:	WET OVEN#2
TEMP3 IN:	180 °C	12/08/2023	07:35	TEMP3 OUT:	180 °C	12/08/2023	10:00				

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 @180(±2) °C (g)	2nd Empty Dish+Sample weight after 1.5hr drying @180(±2) °C (g)	Final Empty Dish+Sample weight after 1.5hr drying @180(±2) °C (g)	Weight (g)	Result mg/L
1	LB128609BL	LB128609BL	75.8931	75.8931	100	75.8931	75.8931	75.8931	0.0000	0
2	LB128609BS	LB128609BS	89.0144	89.0144	100	89.0238	89.0238	89.0238	0.0094	94
3	O5665-01	MONTHLY-OUTFALL-002	97.3711	97.3711	100	97.7503	97.7503	97.7503	0.3792	3792
4	O5665-01DUP	MONTHLY-OUTFALL-002DUP	90.6952	90.6952	100	91.0845	91.0845	91.0845	0.3893	3893
5	O5672-01	MW-1	92.6511	92.6511	100	92.6798	92.6798	92.6798	0.0287	287
6	O5672-03	MW-3	85.0821	85.0821	100	85.1439	85.1439	85.1439	0.0618	618
7	O5672-05	MW-4	63.8288	63.8288	100	63.8938	63.8938	63.8938	0.0650	650
8	O5672-07	MW-2	102.0260	102.0260	100	102.1233	102.1233	102.1233	0.0973	973

A = Sample Volume (ml)

B = Empty Dish Weight (g)

C = 2nd Empty Dish + Sample weight after 1.5 hr drying @180(±2) °C(g)

D = Weight (g)

$$\text{Weight (g)} = C - B$$

$$\text{Result mg/L} = \frac{D}{A} * 1000 * 1000$$