

As per the general conditions number (XXIII) stipulated in SEIAA-EC-0000000475 dated 29 October 2018 and general conditions number (xi) stipulated in EC dated 5th December 2014 for post construction/operation phase, the details of

Air pollution levels monitored at ISWM Project site, Kanjur, are as follows.

Sr. No.	Parameters *	Permissible levels as per SWM Rules, 2016	Values Recorded February 2021	Remarks for the values recorded February 2021
1	Sulphur Dioxide	80 µg/m ³ (24 hrs)	9.70 µg/m ³ (24 hrs)	Within limit
2	Nitrogen Dioxide	80 µg/m ³ (24 hrs)	22.67 µg/m ³ (24 hrs)	Within limit
3	Particulate matter, PM ₁₀	100 µg/m ³ (24 hrs)	68.63 µg/m ³ (24 hrs)	Within limit
4	Particulate matter, PM _{2.5}	60 µg/m ³ (24 hrs)	34.59 µg/m ³ (24 hrs)	Within limit
5	Ozone	8 hours average: 100 µg/m ³	8 hours average: 23.93 µg/m ³	Within limit
6	Lead	1.0 µg/m ³ (24 hrs)	<0.01 µg/m ³ (24 hrs)	Within limit
7	Carbon Monoxide	1-hour average: 4 mg/m ³	24 hours 1-hourly average: <0.4 mg/m ³	Within limit
8	Ammonia	400 µg/m ³ (24 hrs)	8.74 µg/m ³ (24 hrs)	Within limit
9	Benzene	5 µg/m ³ (annual)	<2.1 µg/m ³	Within limit
10	Benzo(α)Pyrene	1 ng/m ³ (annual)	<0.1 ng/m ³	Within limit
11	Arsenic	6 ng/m ³ (annual)	<0.5 ng/m ³	Within limit
12	Nickel	20 ng/m ³ (annual)	<0.5 ng/m ³	Within limit
13	Methane	Not to exceed 25% of the Lower Explosive Limit (equivalent to 650 mg/m ³)	<0.5 µg/m ³	Within limit

* As per Authorization Dated 19.08.2017

As per the general conditions number (XXIII) stipulated in SEIAA-EC-000000475 dated 29 October 2018 and general conditions number (xi) stipulated in EC dated 5th December 2014 for post construction/operation phase, the details of Air pollution levels monitored at ISWM Project site, Kanjur, are as follows.

Sr. No.	Parameters *	Permissible levels as per SWM Rules, 2016	Values Recorded January 2021	Remarks for the values recorded January 2021
1	Sulphur Dioxide	80 µg/m ³ (24 hrs)	9.35 µg/m ³ (24 hrs)	Within limit
2	Nitrogen Dioxide	80 µg/m ³ (24 hrs)	25.08 µg/m ³ (24 hrs)	Within limit
3	Particulate matter, PM ₁₀	100 µg/m ³ (24 hrs)	69.80 µg/m ³ (24 hrs)	Within limit
4	Particulate matter, PM _{2.5}	60 µg/m ³ (24 hrs)	30.84 µg/m ³ (24 hrs)	Within limit
5	Ozone	8 hours average: 100 µg/m ³	8 hours average: 23.74 µg/m ³	Within limit
6	Lead	1.0 µg/m ³ (24 hrs)	<0.01 µg/m ³ (24 hrs)	Within limit
7	Carbon Monoxide	1-hour average: 4 mg/m ³	24 hours 1-hourly average: <0.4 mg/m ³	Within limit
8	Ammonia	400 µg/m ³ (24 hrs)	9.89 µg/m ³ (24 hrs)	Within limit
9	Benzene	5 µg/m ³ (annual)	<2.1 µg/m ³	Within limit
10	Benzo(α)Pyrene	1 ng/m ³ (annual)	<0.1 ng/m ³	Within limit
11	Arsenic	6 ng/m ³ (annual)	<0.5 ng/m ³	Within limit
12	Nickel	20 ng/m ³ (annual)	<0.5 ng/m ³	Within limit
13	Methane	Not to exceed 25% of the Lower Explosive Limit (equivalent to 650 mg/m ³)	<0.5 µg/m ³	Within limit

* As per Authorization Dated 19.08.2017