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.

Parameters *	Permissible levels as per SWM Rules, 2016	Values Recorded February 2025	Remarks for the values recorded February 2025
Sulphur Dioxide	80 μg/m3 (24 hrs)	20.23 μg/m3 (24 hrs)	Within limit
Nitrogen Dioxide	80 µg/m3 (24 hrs)	28.04 μg/m3 (24 hrs)	Within limit
Particulate matter, PM ₁₀	100 µg/m3 (24 hrs)	51.98 μg/m3 (24 hrs)	Within limit
Particulate matter, PM _{2.5}	60 μg/m3 (24 hrs)	33.69 μg/m3 (24 hrs)	Within limit
Ozone	8 hours average: 100 μg/m3	8 hours average: 28.61 μg/m3	Within limit
Lead	1.0 μg/m3 (24 hrs)	<0.01 µg/m3 (24 hrs)	Within limit
Carbon Monoxide	1-hour average: 4 mg/m3	24 hours 1-hourly average: <0.4 mg/m3	Within limit
Ammonia	400 μg/m3 (24 hrs)	4.69 μg/m3 (24 hrs)	Within limit
Benzene	5 μg/m3 (annual)	<2.1 µg/m3	Within limit
Benzo(α)Pyrene	1 ng/m ³ (annual)	<0.1 ng/m ³	Within limit
Arsenic	6 ng/m³ (annual)	<0.5 ng/m ³	Within limit
Nickel	20 ng/m ³ (annual)	<0.5 ng/m ³	Within limit
Methane	Not to exceed 25% of the Lower Explosive Limit (equivalent to 650 mg/m ³)	<0.5 µg/m³	Within limit
	Sulphur Dioxide Nitrogen Dioxide Particulate matter, PM ₁₀ Particulate matter, PM _{2.5} Ozone Lead Carbon Monoxide Ammonia Benzene Benzo(α)Pyrene Arsenic Nickel	Parameters *per SWM Rules, 2016Sulphur Dioxide80 µg/m3 (24 hrs)Nitrogen Dioxide80 µg/m3 (24 hrs)Particulate matter, PM10100 µg/m3 (24 hrs)Particulate matter, PM2.560 µg/m3 (24 hrs)Ozone8 hours average: 100 µg/m3Lead1.0 µg/m3 (24 hrs)Carbon Monoxide1-hour average: 4 mg/m3Ammonia400 µg/m3 (24 hrs)Benzene5 µg/m3 (annual)Benzo(α)Pyrene1 ng/m³ (annual)Nickel20 ng/m³ (annual)Nickel20 ng/m³ (annual)MethaneNot to exceed 25% of the Lower Explosive Limit (equivalent to 650	Parameters *per SWM Rules, 2016February 2025Sulphur Dioxide80 μg/m3 (24 hrs)20.23 μg/m3 (24 hrs)Nitrogen Dioxide80 μg/m3 (24 hrs)28.04 μg/m3 (24 hrs)Particulate matter, PM10100 μg/m3 (24 hrs)51.98 μg/m3 (24 hrs)Particulate matter, PM2.560 μg/m3 (24 hrs)33.69 μg/m3 (24 hrs)Ozone8 hours average: 100 μg/m38 hours average: 28.61 μg/m3Lead1.0 μg/m3 (24 hrs)<0.01 μg/m3 (24 hrs)

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 January 2025	Remarks for the values recorded January 2025
1	Sulphur Dioxide	80 μg/m3 (24 hrs)	19.52 μg/m3 (24 hrs)	Within limit
2	Nitrogen Dioxide	80 μg/m3 (24 hrs)	27.18 μg/m3 (24 hrs)	Within limit
3	Particulate matter, PM ₁₀	100 µg/m3 (24 hrs)	55.88 μg/m3 (24 hrs)	Within limit
4	Particulate matter, PM _{2.5}	60 μg/m3 (24 hrs)	33.40 μg/m3 (24 hrs)	Within limit
5	Ozone	8 hours average: 100 μg/m3	8 hours average: 26.68 μg/m3	Within limit
6	Lead	1.0 μg/m3 (24 hrs)	<0.01 µg/m3 (24 hrs)	Within limit
7	Carbon Monoxide	1-hour average: 4 mg/m3	24 hours 1-hourly average: <0.4 mg/m3	Within limit
8	Ammonia	400 μg/m3 (24 hrs)	5.21 μg/m3 (24 hrs)	Within limit
9	Benzene	5 μg/m3 (annual)	<2.1 µg/m3	Within limit
10	Benzo(α)Pyrene	1 ng/m³ (annual)	<0.1 ng/m ³	Within limit
11	Arsenic	6 ng/m³ (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/m³	Within limit
	* As per Authoriz	mg/m³) ation Dated 23.08.2022	2	