

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 December 2022	Remarks for the values recorded December 2022
1	Sulphur Dioxide	80 µg/m ³ (24 hrs)	18.20 µg/m ³ (24 hrs)	Within limit
2	Nitrogen Dioxide	80 µg/m ³ (24 hrs)	28.00 µg/m ³ (24 hrs)	Within limit
3	Particulate matter, PM ₁₀	100 µg/m ³ (24 hrs)	54.44 µg/m ³ (24 hrs)	Within limit
4	Particulate matter, PM _{2.5}	60 µg/m ³ (24 hrs)	35.17 µg/m ³ (24 hrs)	Within limit
5	Ozone	8 hours average: 100 µg/m ³	8 hours average: 26.95 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)	5.12 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 23.08.2022

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 November 2022	Remarks for the values recorded November 2022
1	Sulphur Dioxide	80 µg/m ³ (24 hrs)	18.62 µg/m ³ (24 hrs)	Within limit
2	Nitrogen Dioxide	80 µg/m ³ (24 hrs)	27.97 µg/m ³ (24 hrs)	Within limit
3	Particulate matter, PM ₁₀	100 µg/m ³ (24 hrs)	54.11 µg/m ³ (24 hrs)	Within limit
4	Particulate matter, PM _{2.5}	60 µg/m ³ (24 hrs)	33.75 µg/m ³ (24 hrs)	Within limit
5	Ozone	8 hours average: 100 µg/m ³	8 hours average: 27.00 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)	5.82 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-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 October 2022	Remarks for the values recorded October 2022
1	Sulphur Dioxide	80 µg/m ³ (24 hrs)	20.90 µg/m ³ (24 hrs)	Within limit
2	Nitrogen Dioxide	80 µg/m ³ (24 hrs)	27.67 µg/m ³ (24 hrs)	Within limit
3	Particulate matter, PM ₁₀	100 µg/m ³ (24 hrs)	57.93 µg/m ³ (24 hrs)	Within limit
4	Particulate matter, PM _{2.5}	60 µg/m ³ (24 hrs)	32.92 µg/m ³ (24 hrs)	Within limit
5	Ozone	8 hours average: 100 µg/m ³	8 hours average: 27.19 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)	6.14 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

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

Sr. No.	Parameters *	Permissible levels as per SWM Rules, 2016	Values Recorded September 2022	Remarks for the values recorded September 2022
1	Sulphur Dioxide	80 µg/m ³ (24 hrs)	20.97 µg/m ³ (24 hrs)	Within limit
2	Nitrogen Dioxide	80 µg/m ³ (24 hrs)	27.32 µg/m ³ (24 hrs)	Within limit
3	Particulate matter, PM ₁₀	100 µg/m ³ (24 hrs)	53.99 µg/m ³ (24 hrs)	Within limit
4	Particulate matter, PM _{2.5}	60 µg/m ³ (24 hrs)	33.55 µg/m ³ (24 hrs)	Within limit
5	Ozone	8 hours average: 100 µg/m ³	8 hours average: 27.09 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)	6.16 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

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

Sr. No.	Parameters *	Permissible levels as per SWM Rules, 2016	Values Recorded August 2022	Remarks for the values recorded August 2022
1	Sulphur Dioxide	80 µg/m ³ (24 hrs)	20.13 µg/m ³ (24 hrs)	Within limit
2	Nitrogen Dioxide	80 µg/m ³ (24 hrs)	26.94 µg/m ³ (24 hrs)	Within limit
3	Particulate matter, PM ₁₀	100 µg/m ³ (24 hrs)	55.30 µg/m ³ (24 hrs)	Within limit
4	Particulate matter, PM _{2.5}	60 µg/m ³ (24 hrs)	36.04 µg/m ³ (24 hrs)	Within limit
5	Ozone	8 hours average: 100 µg/m ³	8 hours average: 28.16 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)	5.76 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

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

Sr. No.	Parameters *	Permissible levels as per SWM Rules, 2016	Values Recorded July 2022	Remarks for the values recorded July 2022
1	Sulphur Dioxide	80 µg/m ³ (24 hrs)	20.28 µg/m ³ (24 hrs)	Within limit
2	Nitrogen Dioxide	80 µg/m ³ (24 hrs)	28.09 µg/m ³ (24 hrs)	Within limit
3	Particulate matter, PM ₁₀	100 µg/m ³ (24 hrs)	55.92 µg/m ³ (24 hrs)	Within limit
4	Particulate matter, PM _{2.5}	60 µg/m ³ (24 hrs)	36.04 µg/m ³ (24 hrs)	Within limit
5	Ozone	8 hours average: 100 µg/m ³	8 hours average: 28.09 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)	5.66 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

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

Sr. No.	Parameters *	Permissible levels as per SWM Rules, 2016	Values Recorded June 2022	Remarks for the values recorded June 2022
1	Sulphur Dioxide	80 µg/m ³ (24 hrs)	18.29 µg/m ³ (24 hrs)	Within limit
2	Nitrogen Dioxide	80 µg/m ³ (24 hrs)	26.89 µg/m ³ (24 hrs)	Within limit
3	Particulate matter, PM ₁₀	100 µg/m ³ (24 hrs)	53.24 µg/m ³ (24 hrs)	Within limit
4	Particulate matter, PM _{2.5}	60 µg/m ³ (24 hrs)	36.67 µg/m ³ (24 hrs)	Within limit
5	Ozone	8 hours average: 100 µg/m ³	8 hours average: 28.27 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)	06.09 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

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

Sr. No.	Parameters *	Permissible levels as per SWM Rules, 2016	Values Recorded May 2022	Remarks for the values recorded May 2022
1	Sulphur Dioxide	80 µg/m ³ (24 hrs)	19.50 µg/m ³ (24 hrs)	Within limit
2	Nitrogen Dioxide	80 µg/m ³ (24 hrs)	27.63 µg/m ³ (24 hrs)	Within limit
3	Particulate matter, PM ₁₀	100 µg/m ³ (24 hrs)	61.23 µg/m ³ (24 hrs)	Within limit
4	Particulate matter, PM _{2.5}	60 µg/m ³ (24 hrs)	31.05 µg/m ³ (24 hrs)	Within limit
5	Ozone	8 hours average: 100 µg/m ³	8 hours average: 27.81 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)	05.20 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

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

Sr. No.	Parameters *	Permissible levels as per SWM Rules, 2016	Values Recorded April 2022	Remarks for the values recorded April 2022
1	Sulphur Dioxide	80 µg/m ³ (24 hrs)	19.98 µg/m ³ (24 hrs)	Within limit
2	Nitrogen Dioxide	80 µg/m ³ (24 hrs)	28.11 µg/m ³ (24 hrs)	Within limit
3	Particulate matter, PM ₁₀	100 µg/m ³ (24 hrs)	59.23 µg/m ³ (24 hrs)	Within limit
4	Particulate matter, PM _{2.5}	60 µg/m ³ (24 hrs)	36.05 µg/m ³ (24 hrs)	Within limit
5	Ozone	8 hours average: 100 µg/m ³	8 hours average: 25.04 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)	06.08 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

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

Sr. No.	Parameters *	Permissible levels as per SWM Rules, 2016	Values Recorded March 2022	Remarks for the values recorded March 2022
1	Sulphur Dioxide	80 µg/m ³ (24 hrs)	19.56 µg/m ³ (24 hrs)	Within limit
2	Nitrogen Dioxide	80 µg/m ³ (24 hrs)	27.65 µg/m ³ (24 hrs)	Within limit
3	Particulate matter, PM ₁₀	100 µg/m ³ (24 hrs)	54.67 µg/m ³ (24 hrs)	Within limit
4	Particulate matter, PM _{2.5}	60 µg/m ³ (24 hrs)	35.42 µg/m ³ (24 hrs)	Within limit
5	Ozone	8 hours average: 100 µg/m ³	8 hours average: 28.47 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)	6.25 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

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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 2022	Remarks for the values recorded February 2022
1	Sulphur Dioxide	80 µg/m ³ (24 hrs)	20.02 µg/m ³ (24 hrs)	Within limit
2	Nitrogen Dioxide	80 µg/m ³ (24 hrs)	29.03 µg/m ³ (24 hrs)	Within limit
3	Particulate matter, PM ₁₀	100 µg/m ³ (24 hrs)	54.36 µg/m ³ (24 hrs)	Within limit
4	Particulate matter, PM _{2.5}	60 µg/m ³ (24 hrs)	36.88 µg/m ³ (24 hrs)	Within limit
5	Ozone	8 hours average: 100 µg/m ³	8 hours average: 23.40 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)	6.32 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

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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 2022	Remarks for the values recorded January 2022
1	Sulphur Dioxide	80 µg/m ³ (24 hrs)	21.43 µg/m ³ (24 hrs)	Within limit
2	Nitrogen Dioxide	80 µg/m ³ (24 hrs)	28.08 µg/m ³ (24 hrs)	Within limit
3	Particulate matter, PM ₁₀	100 µg/m ³ (24 hrs)	57.84 µg/m ³ (24 hrs)	Within limit
4	Particulate matter, PM _{2.5}	60 µg/m ³ (24 hrs)	32.71 µg/m ³ (24 hrs)	Within limit
5	Ozone	8 hours average: 100 µg/m ³	8 hours average: 28.07 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)	6.23 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

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