As per the 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 2017	Remarks for the values recorded December 2017		
1	Sulphur Dioxide	80 μg/m3 (24 hrs)	17.90 μg/m3 (24 hrs)	Within limit		
2	Nitrogen Dioxide	80 μg/m3 (24 hrs)	21.10 µg/m3 (24 hrs)	Within limit		
3	Particulate matter, PM <sub>10</sub>	100 μg/m3 (24 hrs)	69.95 μg/m3 (24 hrs)	Within limit		
4	Particulate matter, PM <sub>2.5</sub>	60 μg/m3 (24 hrs)	38.34 μg/m3 (24 hrs)	Within limit		
5	Ozone	8 hours average : 100 μg/m3	8 hours average : 23.10 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	1 hour average : <0.4 mg/m3	Within limit		
8	Ammonia	400 μg/m3 (24 hrs)	4.54 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/m³	Within limit		
11	Arsenic	6 ng/m³ (annual)	<0.5 ng/m³	Within limit		
12	Nickel	20 ng/m³ (annual)	<0.5 ng/m³	Within limit		
13	Methane	Not to exceed 25% of the Lower Explosive Limit(equivalent to 650 mg/m³)	<0.5 μg/m³	Within limit		

As per the 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 November 2017	Remarks for the values recorded November 2017		
Sulphur Dioxide	80 μg/m3 (24 hrs)	18.47 μg/m3 (24 hrs)	Within limit		
Nitrogen Dioxide	80 μg/m3 (24 hrs)	80 μg/m3 (24 hrs) 19.19 μg/m3 (24 hrs)			
Particulate matter, PM <sub>10</sub>	100 μg/m3 (24 hrs)	72.07 μg/m3 (24 hrs)	Within limit		
Particulate matter, PM <sub>2.5</sub>	60 μg/m3 (24 hrs)	39.79 μg/m3 (24 hrs)	Within limit		
Ozone	8 hours average : 100 μg/m3	8 hours average : 20.82 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	1 hour average : <0.4 mg/m3	Within limit		
Ammonia	400 μg/m3 (24 hrs)	4.39 μg/m3 (24 hrs)	Within limit		
Benzene	5 μg/m3 (annual)	<2.1 μg/m3	Within limit		
Benzo(α)Pyrene	1 ng/m³ (annual)	<0.1 ng/m³	Within limit		
Arsenic	6 ng/m³ (annual) <0.5 ng/m³		Within limit		
Nickel	20 ng/m³ (annual)	<0.5 ng/m³	Within limit		
Methane	Not to exceed 25% of the Lower Explosive Limit(equivalent to 650 mg/m³)	<0.5 μg/m³	Within limit		
	Sulphur Dioxide Nitrogen Dioxide Particulate matter, PM <sub>10</sub> Particulate matter, PM <sub>2.5</sub> Ozone Lead Carbon Monoxide Ammonia Benzene Benzo(α)Pyrene Arsenic Nickel Methane	Parameters *         Sulphur Dioxide       80 μg/m3 (24 hrs)         Nitrogen Dioxide       80 μg/m3 (24 hrs)         Particulate matter, PM10       100 μg/m3 (24 hrs)         Particulate matter, PM2.5       60 μg/m3 (24 hrs)         Ozone       8 hours average : 100 μg/m3         Lead       1.0 μg/m3 (24 hrs)         Carbon Monoxide       1 hour average : 4 mg/m3         Ammonia       400 μg/m3 (24 hrs)         Benzene       5 μg/m3 (annual)         Benzo(α)Pyrene       1 ng/m³ (annual)         Arsenic       6 ng/m³ (annual)         Nickel       20 ng/m³ (annual)         Methane       Not to exceed 25% of the Lower Explosive Limit (equivalent to 650	Parameters *         per SWM Rules, 2016         November 2017           Sulphur Dioxide         80 μg/m3 (24 hrs)         18.47 μg/m3 (24 hrs)           Nitrogen Dioxide         80 μg/m3 (24 hrs)         19.19 μg/m3 (24 hrs)           Particulate matter, PM <sub>10</sub> 100 μg/m3 (24 hrs)         72.07 μg/m3 (24 hrs)           Particulate matter, PM <sub>2.5</sub> 60 μg/m3 (24 hrs)         39.79 μg/m3 (24 hrs)           Ozone         8 hours average : 100 μg/m3         8 hours average : 20.82 μg/m3           Lead         1.0 μg/m3 (24 hrs)         <0.01 μg/m3 (24 hrs)		

As per the 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 Limits	Values Recorded January -2017	Values Recorded February -2017	Values Recorded March-2017	Values Recorded April-2017	Values Recorded May-2017	Values Recorded June-2017	Values Recorded July-2017	Values Recorded August-2017	Values Recorded September -2017	Values Recorded October -2017	Remarks for Values Recorded October - 2017
1	Sulphur Dioxide (SO <sub>2</sub> )*	80 μg/m³ (24 hrs)	13.02 μg/m (24 hrs)	22.14 μg/m³ (24 hrs)	16.10 μg/m <sup>3</sup> (24 hrs)	12.73 μg/m <sup>3</sup> (24 hrs)	17.42 μg/m <sup>3</sup> (24 hrs)	17.99 μg/m³ (24 hrs)	17.52 μg/m³ (24 hrs)	18.67 μg/m³ (24 hrs)	17.52 μg/m³ (24 hrs)	18.23 μg/m <sup>3</sup> (24 hrs)	Within limits
2	Suspended Particulate Matter*	500 μg/m³ (24 hrs)	405 μg/m³ (24 hrs)	422.83 μg/m <sup>3</sup> (24 hrs)	455.93 μg/m³ (24 hrs)	270.50 μg/m <sup>2</sup> (24 hrs)	260.98 μg/m (24 hrs)	207.58 μg/m³ (24 hrs)	195.30 μg/m³ (24 hrs)	189.50 μg/m³ (24 hrs)	152.74 μg/m³ (24 hrs)	176.42 μg/m³ (24 hrs)	Within limits
3	Methane*	Not to exceed 25% of the lower explosive limit (equivalent to 650 mg/m³)	<0.5 mg/m3	<0.5 mg/m3	<0.5 mg/m3	<0.5 mg/m3	<0.5 mg/m3	<0.5 mg/m3	<0.5 mg/m3	<0.5 mg/m3	<0.5 mg/m3	<0.5 mg/m3	Within limits
4	Ammonia*	0.4 mg/m³ (400 μg/m³) 24 hrs	4.15 μg/m³ (24 hrs)	5.78 μg/m <sup>3</sup> (24 hrs)	5.92 μg/m <sup>3</sup> (24 hrs)	4.83 μg/m³ (24 hrs)	5.22 μg/m <sup>3</sup> (24 hrs)	4.80 μg/m³ (24 hrs)	4.46 μg/m³ (24 hrs)	4.65 μg/m³ (24 hrs)	4.31 μg/m³ (24 hrs)	4.55 μg/m³ (24 hrs)	Within limits
5	Carbon Monoxide*	1 hour average: 2 mg/m <sup>3</sup>	1 hour average: < 0.4 mg/m	1 hour average: < 0.4 mg/m³	1 hour average: < 0.4 mg/m <sup>3</sup>	1 hour average: < 0.4 mg/m³	Ü	1 hour average: < 0.4 mg/m³	1 hour average: < 0.4 mg/m³	_	1 hour average: < 0.4 mg/m³	1 hour average: < 0.4 mg/m³	Within Limits

As per Authorization dated 30/03/2012 & EC dated 05/12/2014.