

## **Report on Ambient Air Quality and Ambient Noise Monitoring during Diwali, 2025**

To study the impact of the bursting of crackers and other related activities, the Himachal Pradesh State Pollution Control Board has conducted ambient air quality monitoring on the occasion of Diwali festival 2025 from **13.10.2025 to 19.10.2025** (Pre Diwali monitoring), on **20.10.2025** (Diwali Day monitoring) and **21.10.2025 to 27.10.2025** (Post Diwali monitoring). Ambient air quality monitoring at Shimla, Parwanoo, Dharamshala, Damtal (Jassur), Sunder Nagar, Paonta Sahib, Kala Amb, Una, and Manali was carried out for parameters i.e. Respirable Particulate Matter (PM<sub>10</sub>), Respirable Particulate Matter (PM<sub>2.5</sub>), Sulphur Dioxide (SO<sub>2</sub>), Oxides of Nitrogen (NO<sub>x</sub>) and Ammonia (NH<sub>3</sub>) for 24 hour a day. Ambient air quality monitoring at Parwanoo, Damtal, Paonta Sahib, Kala Amb, Una and Nalagarh was carried out for CO (Carbon Monoxide) and at Shimla, Parwanoo, Dharamshala, Damtal Sundernagar, Paonta Sahib, Kala Amb and Una was carried out for O<sub>3</sub> (Ozone) parameter. At Baddi Station Ambient Air Quality was carried out for Respirable Particulate Matter (PM<sub>10</sub>), Respirable Particulate Matter (PM<sub>2.5</sub>), Sulphur Dioxide (SO<sub>2</sub>) and Oxides of Nitrogen (NO<sub>x</sub>). Further, the heavy metal monitoring and analysis was carried out at Shimla, Parwanoo, Paonta Sahib, Sundernagar, Una and Dharamshala for Lead, Nickel, Arsenic metals in PM<sub>10</sub>, and Aluminium, Barium and Iron metals in PM<sub>2.5</sub>. Ambient Noise monitoring was carried out at Shimla, Parwanoo, Paonta Sahib, Una, Dharamshala, Baddi, Kullu, Bilaspur, Kinnaur, Rampur, Hamirpur, Mandi and Chamba. The detail of ambient air & noise monitoring data is enclosed in **Annexures- I-II & III**.

### **Ambient Air Quality Monitoring report of Himachal Pradesh during the Diwali Festival, 2025 are as under:**

#### **SHIMLA**

The ambient air quality monitoring at Shimla was carried out at one location i.e. Tekka Bench, Shimla. The 24-hour average value of RSPM (PM<sub>10</sub>) at Tekka Bench was observed at 57.3 µg/m<sup>3</sup> which is below the standard prescribed limit of 100 µg/m<sup>3</sup> on Diwali day. The concentration of RSPM (PM<sub>10</sub>) observed at Shimla during Diwali, 2025 was lower than the concentration of RSPM (PM<sub>10</sub>) observed during Diwali last year i.e. 65.7 µg/m<sup>3</sup>. The maximum concentration of RSPM (PM<sub>10</sub>) in the ambient air on Diwali day was observed as 76 µg/m<sup>3</sup> at Tekka Bench, Shimla from 2:00 PM-10:00 PM. Similarly, the 24-hour average value of RSPM (PM<sub>2.5</sub>) at Tekka Bench, Shimla was observed at 24 µg/m<sup>3</sup> which is below than standard prescribed limit of 60 µg/m<sup>3</sup> on Diwali day. The concentration of RSPM (PM<sub>2.5</sub>) observed at Shimla during Diwali, 2025 was similar to the concentration of RSPM (PM<sub>2.5</sub>) observed during Diwali last year i.e. 24 µg/m<sup>3</sup>. The concentration of SO<sub>2</sub> and NO<sub>x</sub> was also observed well below the prescribed standards of 80µg/m<sup>3</sup> for 24 hours. The average concentration of SO<sub>2</sub> and NO<sub>x</sub> was observed as 2 µg/m<sup>3</sup> & and 11.5 µg/m<sup>3</sup> at Tekka Bench respectively on Diwali day which was well below the prescribed standard limit of 80µg/m<sup>3</sup>.

The 8-hour average O<sub>3</sub> concentration at Tekka Bench, Shimla was observed within the standard prescribed limit of 100µg/m<sup>3</sup> on pre-Diwali, Diwali and post-Diwali

monitoring. The concentration of  $\text{NH}_3$  at Tekka Bench was observed at  $1.7 \mu\text{g}/\text{m}^3$  during Diwali day which is below the standard prescribed limit of  $400 \mu\text{g}/\text{m}^3$ .

The concentrations of Lead, Nickel and Arsenic in  $\text{PM}_{10}$  at Shimla town were found within the standard prescribed limit of Lead  $1.0 \mu\text{g}/\text{m}^3$ , Arsenic  $6.0 \text{ng}/\text{m}^3$  & Nickel  $20.0 \text{ng}/\text{m}^3$  during Pre Diwali, Diwali & Post Diwali monitoring.

## **PARWANOO**

The ambient air quality monitoring at Parwanoo was carried out at one location i.e. Sector-IV Parwanoo. The 24-hour average RSPM ( $\text{PM}_{10}$ ) concentration at Sector-IV Parwanoo on Diwali day was observed at  $127.4 \mu\text{g}/\text{m}^3$  which is higher than the prescribed standard limit of  $100 \mu\text{g}/\text{m}^3$ . The value of RSPM ( $\text{PM}_{10}$ ) concentration observed on pre-Diwali and post-Diwali was within the prescribed limit. The maximum concentration of RSPM ( $\text{PM}_{10}$ ) in the ambient air on Diwali was observed as  $137.8 \mu\text{g}/\text{m}^3$  from 10:00 PM-06:00 AM. The concentration of RSPM( $\text{PM}_{10}$ ) at Sector-IV, Parwanoo was observed lower than the concentration of RSPM( $\text{PM}_{10}$ ) observed during Diwali last year i.e.  $228 \mu\text{g}/\text{m}^3$ . Similarly, the 24-hour average RSPM ( $\text{PM}_{2.5}$ ) concentration in Parwanoo at Sector-IV was observed at  $27.5 \mu\text{g}/\text{m}^3$  which is within the standard prescribed limit of  $60 \mu\text{g}/\text{m}^3$  on Diwali day. The concentration of RSPM( $\text{PM}_{2.5}$ ) at Sector-IV, Parwanoo was observed lower than the concentration of RSPM( $\text{PM}_{2.5}$ ) observed during Diwali last year i.e.  $95 \mu\text{g}/\text{m}^3$ . The average concentration of  $\text{SO}_2$  and  $\text{NO}_x$  at Sector-IV, Parwanoo was observed well below the prescribed standards of  $80 \mu\text{g}/\text{m}^3$  for 24 hours i.e. 2.0 &  $4.5 \mu\text{g}/\text{m}^3$  on Diwali day.

The 8-hour average concentration of  $\text{O}_3$  and CO at Sector-IV, Parwanoo was observed within the standard prescribed limit of  $100 \mu\text{g}/\text{m}^3$  and  $2.0 \text{mg}/\text{m}^3$  on Pre Diwali, Diwali day & Post Diwali. The value of  $\text{NH}_3$  concentration was observed at  $2.26 \mu\text{g}/\text{m}^3$  on Diwali day within the prescribed limit of  $400 \mu\text{g}/\text{m}^3$ .

The concentrations of metals Lead, Nickel and Arsenic in  $\text{PM}_{10}$  at Parwanoo town were found within the standard prescribed limit of Lead  $1.0 \mu\text{g}/\text{m}^3$ , Arsenic  $6.0 \text{ng}/\text{m}^3$  & Nickel  $20.0 \text{ng}/\text{m}^3$  on Pre Diwali, Diwali & Post Diwali monitoring.

## **DHARAMSHALA**

The ambient air quality monitoring at Dharamshala was carried out at one location i.e. Dari, Dharamshala. The 24-hour average RSPM ( $\text{PM}_{10}$ ) concentration at Dari, Dharamshala was observed within the prescribed standards of  $100 \mu\text{g}/\text{m}^3$  i.e.  $96 \mu\text{g}/\text{m}^3$  during Diwali day. The maximum concentration of RSPM ( $\text{PM}_{10}$ ) in the ambient air on Diwali, 2025 was observed as  $122 \mu\text{g}/\text{m}^3$  during 2:00 PM-10:00 PM. The concentration of RSPM ( $\text{PM}_{10}$ ) at Dari, Dharamshala was observed comparatively lower than the concentration of RSPM ( $\text{PM}_{10}$ ) observed during Diwali last year  $113 \mu\text{g}/\text{m}^3$ . Similarly, the 24-hour average RSPM ( $\text{PM}_{2.5}$ )

concentration was observed  $66 \mu\text{g}/\text{m}^3$  higher than the standard prescribed limit of  $60 \mu\text{g}/\text{m}^3$  on Diwali day. The concentration of RSPM ( $\text{PM}_{2.5}$ ) at Dari, Dharamshala was observed comparatively higher than the concentration of RSPM ( $\text{PM}_{2.5}$ ) observed during Diwali last year i.e.  $41 \mu\text{g}/\text{m}^3$ . The average concentration on Diwali day of  $\text{SO}_2$  and  $\text{NO}_x$  at Dari, Dharamshala was observed well below the prescribed standards of  $80 \mu\text{g}/\text{m}^3$  for 24 hours i.e.  $2 \mu\text{g}/\text{m}^3$  (BDL) & and  $9.69 \mu\text{g}/\text{m}^3$  respectively.

The 8-hour average  $\text{O}_3$  concentration at Dari, Dharamshala was observed within the standard prescribed limit of  $100 \mu\text{g}/\text{m}^3$  on Pre Diwali, Diwali day & Post Diwali. The value of  $\text{NH}_3$  concentration was observed at  $1.1 \mu\text{g}/\text{m}^3$  on Diwali day is within the prescribed limit of  $400 \mu\text{g}/\text{m}^3$ .

The concentrations of metals Lead, Nickel and Arsenic in  $\text{PM}_{10}$  at Dharamshala town were also found within the standard prescribed limit of Lead  $1.0 \mu\text{g}/\text{m}^3$ , Arsenic  $6.0 \text{ng}/\text{m}^3$  & Nickel  $20.0 \text{ng}/\text{m}^3$  on Pre Diwali, Diwali & Post Diwali monitoring.

### **DAMTAL (JASSUR)**

The ambient air quality monitoring at Damtal was carried out at one location i.e. Ram Gopal Mandir, Damtal. The 24-hour average RSPM ( $\text{PM}_{10}$ ) concentration at Damtal, Jassur was observed below the prescribed standards of  $100 \mu\text{g}/\text{m}^3$  i.e.  $97 \mu\text{g}/\text{m}^3$  on Diwali day, 2025. The maximum concentration of RSPM ( $\text{PM}_{10}$ ) in the ambient air was observed as  $111 \mu\text{g}/\text{m}^3$  on Diwali day from 02:00 PM-10:00 PM. The concentration of RSPM ( $\text{PM}_{10}$ ) at Damtal was observed relatively lower than the concentration of RSPM ( $\text{PM}_{10}$ ) observed during Diwali last year at  $98 \mu\text{g}/\text{m}^3$ . Similarly, the 24-hour average RSPM ( $\text{PM}_{2.5}$ ) concentration at Damtal, Jassur was observed  $53 \mu\text{g}/\text{m}^3$  lower than the standard prescribed limit of  $60 \mu\text{g}/\text{m}^3$  on Diwali day. The concentration of RSPM ( $\text{PM}_{2.5}$ ) was observed relatively higher than the concentration of RSPM ( $\text{PM}_{2.5}$ ) observed during Diwali last year i.e.  $37.0 \mu\text{g}/\text{m}^3$ . The average concentration of  $\text{SO}_2$  and  $\text{NO}_x$  was observed as  $2.0 \mu\text{g}/\text{m}^3$  (BDL) and  $8.9 \mu\text{g}/\text{m}^3$  respectively on Diwali day.

The 8-hour average  $\text{O}_3$  and CO concentration at Damtal was observed within the standard prescribed limit of  $100 \mu\text{g}/\text{m}^3$  and  $2 \text{mg}/\text{m}^3$  on Pre Diwali, Diwali & Post Diwali monitoring. The value of  $\text{NH}_3$  concentration was observed at  $0.92 \mu\text{g}/\text{m}^3$  on Diwali day is within the prescribed limit of  $400 \mu\text{g}/\text{m}^3$ .

The concentrations of metals Lead, Nickel and Arsenic in  $\text{PM}_{10}$  at Damtal town were also found within the standard prescribed limit of Lead  $1.0 \mu\text{g}/\text{m}^3$ , Arsenic  $6.0 \text{ng}/\text{m}^3$  & Nickel  $20.0 \text{ng}/\text{m}^3$  on Pre Diwali, Diwali & Post Diwali monitoring.

## **SUNDER NAGAR**

The ambient air quality monitoring at Sunder Nagar was carried out at one location i.e. Regional Office, Sunder Nagar. The 24-hour average RSPM (PM<sub>10</sub>) concentration at Sunder Nagar was observed below the prescribed standards of 100 µg/m<sup>3</sup> i.e. 68 µg/m<sup>3</sup> on Diwali day. The concentration of RSPM (PM<sub>10</sub>) observed during Diwali, 2025 was comparatively lower than the concentration of RSPM (PM<sub>10</sub>) observed during Diwali last year 106 µg/m<sup>3</sup>. The maximum concentration of RSPM (PM<sub>10</sub>) in the ambient air on Diwali was observed as 77 µg/m<sup>3</sup> during 10:00 PM-6:00 AM. Similarly, the 24-hour average RSPM (PM<sub>2.5</sub>) concentration was also observed 35 µg/m<sup>3</sup> lower than the standard prescribed limit of 60 µg/m<sup>3</sup> on Diwali day. The concentration of RSPM (PM<sub>2.5</sub>) 35 µg/m<sup>3</sup> was observed lower than the concentration of RSPM (PM<sub>2.5</sub>) observed during Diwali last year i.e. 52 µg/m<sup>3</sup>. The concentration of SO<sub>2</sub> and NO<sub>x</sub> was observed well below the prescribed standards of 80 µg/m<sup>3</sup> for 24 hours. The average concentration of SO<sub>2</sub> and NO<sub>x</sub> was observed as 1.15 µg/m<sup>3</sup> (BDL) and 7.5 µg/m<sup>3</sup> which is below the prescribed standard of 80 µg/m<sup>3</sup> for 24 hours.

The 8-hour average O<sub>3</sub> concentration at Sunder Nagar was observed within the standard prescribed limit of 100 µg/m<sup>3</sup> on Pre Diwali, Diwali day & Post Diwali. The value of NH<sub>3</sub> concentration was observed at 3.6 µg/m<sup>3</sup> on Diwali day is within the prescribed limit of 400 µg/m<sup>3</sup>.

The concentrations of metals Lead, Nickel and Arsenic in PM<sub>10</sub> at Sundernagar town were found within the standard prescribed limit of Lead 1.0 µg/m<sup>3</sup>, Arsenic 6.0 ng/m<sup>3</sup> & Nickel 20.0 ng/m<sup>3</sup> on Pre Diwali, Diwali & Post Diwali monitoring.

## **PAONTA SAHIB**

The ambient air quality monitoring at Paonta Sahib was carried out at one location i.e. office building, Shubkhera, Paonta Sahib. The 24-hour average RSPM (PM<sub>10</sub>) concentration at Paonta Sahib was observed lower than the prescribed standards of 100 µg/m<sup>3</sup> i.e. 97.4 µg/m<sup>3</sup> on Diwali day. The maximum concentration of RSPM (PM<sub>10</sub>) in the ambient air was observed as 113.2 µg/m<sup>3</sup> on Diwali day from 02:00 PM-10:00 PM indicating the impact of bursting of crackers on the ambient air quality. The concentration of RSPM (PM<sub>10</sub>) i.e. 97.4 µg/m<sup>3</sup> was observed lower than the concentration of RSPM (PM<sub>10</sub>) observed during Diwali last year at 167.2 µg/m<sup>3</sup>. Similarly, the 24-hour average RSPM (PM<sub>2.5</sub>) concentration was also observed 67.04 µg/m<sup>3</sup> higher than the standard prescribed limit of 60 µg/m<sup>3</sup> on Diwali day. The concentration of RSPM (PM<sub>2.5</sub>) i.e. 67.04 µg/m<sup>3</sup> was observed relatively higher than the concentration of RSPM (PM<sub>2.5</sub>) observed during Diwali last year i.e. 53.2 µg/m<sup>3</sup>. The concentration of SO<sub>2</sub> and NO<sub>x</sub> was observed well below the prescribed standards of 80 µg/m<sup>3</sup> for 24 hours. The average concentration of SO<sub>2</sub> and NO<sub>x</sub> was observed as 6.6 µg/m<sup>3</sup> and 11.9 µg/m<sup>3</sup> respectively on Diwali day.



The 8-hour average O<sub>3</sub> concentration at Paonta Sahib was observed within the standard prescribed limit of 100 µg/m<sup>3</sup> on pre-Diwali, Diwali and post-Diwali monitoring. The value of NH<sub>3</sub> concentration was observed at 2.1 µg/m<sup>3</sup> on Diwali day is within the prescribed limit of 400 µg/m<sup>3</sup>.

The concentrations of metals Lead and Arsenic in PM<sub>10</sub> at Paonta Sahib town were found within the standard prescribed limit of Lead 1.0µg/m<sup>3</sup> & Arsenic 6.0ng/m<sup>3</sup> and concentration of metal Nickel in PM<sub>10</sub> was found above the standard prescribed limit of Nickel 20.0ng/m<sup>3</sup> on Pre Diwali, Diwali & Post Diwali monitoring.

### **KALA AMB**

The ambient air quality monitoring at Kala Amb was carried out at one location i.e. Trilokpur. The 24-hour average RSPM (PM<sub>10</sub>) concentration at Trilokpur was observed lower than the prescribed standards of 100 µg/m<sup>3</sup> i.e. 59.14 µg/m<sup>3</sup> on Diwali day. The maximum concentration of RSPM (PM<sub>10</sub>) was observed as 68.4 µg/m<sup>3</sup> on Diwali day from 02:00 PM-10:00 PM. The concentration of RSPM (PM<sub>10</sub>) i.e. 59.14 µg/m<sup>3</sup> was observed relatively lower than the concentration of RSPM (PM<sub>10</sub>) observed during Diwali last year 84.2 µg/m<sup>3</sup>. Similarly, the 24-hour average RSPM (PM<sub>2.5</sub>) concentration was observed 31.5 µg/m<sup>3</sup> lower than the standard prescribed limit of 60 µg/m<sup>3</sup> on Diwali day. The concentration of RSPM(PM<sub>2.5</sub>) i.e. 31.5 µg/m<sup>3</sup> was observed relatively lower than the concentration of RSPM(PM<sub>2.5</sub>) observed during Diwali last year i.e. 41.9 µg/m<sup>3</sup>. The concentration of SO<sub>2</sub> and NO<sub>x</sub> was observed well below the prescribed standards of 80 µg/m<sup>3</sup> for 24 hours. The average concentration of SO<sub>2</sub> and NO<sub>x</sub> was observed as 5.34 µg/m<sup>3</sup> and 10.75 µg/m<sup>3</sup> which is below the prescribed standard of 80 µg/m<sup>3</sup> for 24 hours.

The 8-hour average O<sub>3</sub> and CO concentration at Trilokpur, Kala Amb was observed within the standard prescribed limit of 100 µg/m<sup>3</sup> and 2.0mg/m<sup>3</sup> on Pre Diwali, Diwali day & Post Diwali. The value of NH<sub>3</sub> concentration was observed at 1.51 µg/m<sup>3</sup> on Diwali day is within the prescribed limit of 400 µg/m<sup>3</sup>.

The concentrations of metals Lead, Nickel and Arsenic in PM<sub>10</sub> at Kala Amb town were found within the standard prescribed limit of Lead 1.0µg/m<sup>3</sup>, Arsenic 6.0ng/m<sup>3</sup> & Nickel 20.0ng/m<sup>3</sup> on Pre Diwali, Diwali & Post Diwali monitoring.

### **UNA**

The ambient air quality monitoring at Una was carried out at one location i.e. Regional Office, Una. The 24-hour average RSPM (PM<sub>10</sub>) concentration at Una was also observed higher than the prescribed standards of 100 µg/m<sup>3</sup> i.e. 159.51 µg/m<sup>3</sup> on Diwali day. The maximum concentration of RSPM (PM<sub>10</sub>) in the ambient air was observed as 195.6 µg/m<sup>3</sup> on Diwali day from 02:00 PM-10:00 PM indicating the impact of bursting of crackers on the ambient air quality. The concentration of RSPM (PM<sub>10</sub>) i.e. 159.51 µg/m<sup>3</sup> was observed comparatively higher than the concentration of RSPM (PM<sub>10</sub>) observed during Diwali last year

i.e.  $113.3 \mu\text{g}/\text{m}^3$ . The concentration of RSPM ( $\text{PM}_{2.5}$ ) was observed  $65.78 \mu\text{g}/\text{m}^3$  on Diwali day and is above the standard prescribed limit of  $60 \mu\text{g}/\text{m}^3$  on Diwali day. The concentration of RSPM ( $\text{PM}_{2.5}$ ) i.e.  $65.78 \mu\text{g}/\text{m}^3$  was observed relatively lower than the concentration of RSPM ( $\text{PM}_{2.5}$ ) observed during Diwali last year i.e.  $66.7 \mu\text{g}/\text{m}^3$ . The average concentration of  $\text{SO}_2$  and  $\text{NO}_x$  was observed as  $20.72 \mu\text{g}/\text{m}^3$  and  $44.99 \mu\text{g}/\text{m}^3$  which is below the prescribed standard of  $80 \mu\text{g}/\text{m}^3$  for 24 hours. The value of  $\text{NH}_3$  concentration was observed at  $15.18 \mu\text{g}/\text{m}^3$  on Diwali day is within the prescribed limit of  $400 \mu\text{g}/\text{m}^3$

The concentrations of metals Lead, Nickel and Arsenic in  $\text{PM}_{10}$  at Una town were found within the standard prescribed limit of Lead  $1.0 \mu\text{g}/\text{m}^3$ , Arsenic  $6.0 \text{ng}/\text{m}^3$  & Nickel  $20.0 \text{ng}/\text{m}^3$  on Pre Diwali, Diwali & Post Diwali monitoring.

### **BADDI**

The ambient air quality monitoring at Baddi was carried out at one location i.e. Secure Meter, Barotiwala. The 24-hour average RSPM ( $\text{PM}_{10}$ ) concentration at Baddi was observed lower than the prescribed standards of  $100 \mu\text{g}/\text{m}^3$  i.e.  $93.7 \mu\text{g}/\text{m}^3$  on Diwali day. The concentration of RSPM ( $\text{PM}_{10}$ ) observed during Diwali, 2025 was lower than the concentration of RSPM ( $\text{PM}_{10}$ ) observed during Diwali last year i.e.  $158 \mu\text{g}/\text{m}^3$ . The maximum concentration of RSPM ( $\text{PM}_{10}$ ) in the ambient air on Diwali was observed as  $115 \mu\text{g}/\text{m}^3$  from 02:00 PM-10:00 PM. Similarly, the 24-hour average RSPM ( $\text{PM}_{2.5}$ ) concentration was also observed  $41.6 \mu\text{g}/\text{m}^3$  lower than the standard prescribed limit of  $60 \mu\text{g}/\text{m}^3$  on Diwali day. The concentration of RSPM ( $\text{PM}_{2.5}$ ) i.e.  $41.6 \mu\text{g}/\text{m}^3$  was observed lower than the concentration of RSPM ( $\text{PM}_{2.5}$ ) observed during Diwali last year  $59.4 \mu\text{g}/\text{m}^3$ . The average concentration of  $\text{SO}_2$  and  $\text{NO}_x$  was observed as  $2.7 \mu\text{g}/\text{m}^3$  and  $13.0 \mu\text{g}/\text{m}^3$  on Diwali which is below the prescribed standard of  $80 \mu\text{g}/\text{m}^3$  for 24 hours.

### **NALAGARH**

The ambient air quality monitoring at Nalagarh was carried out at one location i.e. Durga Devi Temple, Nalagarh. The 24-hour average RSPM ( $\text{PM}_{10}$ ) concentration at Nalagarh was also observed higher than the prescribed standards of  $100 \mu\text{g}/\text{m}^3$  i.e.  $79 \mu\text{g}/\text{m}^3$  on Diwali day. The concentration of RSPM ( $\text{PM}_{10}$ ) observed during Diwali, 2025 was lower than the concentration of RSPM ( $\text{PM}_{10}$ ) observed during Diwali last year i.e.  $142.7 \mu\text{g}/\text{m}^3$ . The maximum concentration of RSPM ( $\text{PM}_{10}$ ) in the ambient air on Diwali was observed as  $180.0 \mu\text{g}/\text{m}^3$  from 10:00 PM-06:00 AM. Further; 24-hour average RSPM ( $\text{PM}_{2.5}$ ) concentration was observed at  $24.95 \mu\text{g}/\text{m}^3$  within the standard prescribed limit of  $60 \mu\text{g}/\text{m}^3$  on Diwali day. The concentration of RSPM ( $\text{PM}_{2.5}$ ) observed during Diwali, 2025 was lower than the concentration of RSPM ( $\text{PM}_{2.5}$ ) observed last year i.e.  $50.9 \mu\text{g}/\text{m}^3$ . The average concentration of  $\text{SO}_2$  and  $\text{NO}_x$  was observed as  $1.65 \mu\text{g}/\text{m}^3$  (BDL) and  $10.86 \mu\text{g}/\text{m}^3$  on Diwali day. The value of  $\text{NH}_3$  concentration was observed at  $5.38 \mu\text{g}/\text{m}^3$  on Diwali day is within the prescribed limit of  $400 \mu\text{g}/\text{m}^3$ .

The 8-hour average CO concentration at Nalagarh was observed within the standard prescribed limit of  $0.5 \mu\text{g}/\text{m}^3$  on Pre Diwali, Diwali day & Post Diwali.

### **MANALI**

The ambient air quality monitoring at Manali was carried out at one location i.e. Hadimba Mata Road, Manali. The 24-hour average RSPM ( $\text{PM}_{10}$ ) concentration at Hadimba Matta Road, Manali was observed lower than the prescribed standards of  $100 \mu\text{g}/\text{m}^3$  i.e.  $62.4 \mu\text{g}/\text{m}^3$  on Diwali day. The concentration of RSPM ( $\text{PM}_{10}$ ) observed during Diwali, 2025 was comparatively lower than the concentration of RSPM ( $\text{PM}_{10}$ ) observed during Diwali last year  $80.4 \mu\text{g}/\text{m}^3$ . The maximum concentration of RSPM ( $\text{PM}_{10}$ ) observed was  $92.4 \mu\text{g}/\text{m}^3$  from 10:00 PM-06:00 AM on Diwali day. Similarly, the 24-hour average RSPM ( $\text{PM}_{2.5}$ ) concentration was observed at  $20.9 \mu\text{g}/\text{m}^3$  within the standard prescribed limit of  $60 \mu\text{g}/\text{m}^3$  on Diwali day. The concentration of RSPM ( $\text{PM}_{2.5}$ ) i.e.  $20.9 \mu\text{g}/\text{m}^3$  was observed relatively lower than the concentration of RSPM ( $\text{PM}_{2.5}$ ) observed during Diwali last year i.e.  $22.7 \mu\text{g}/\text{m}^3$ . The concentration of  $\text{SO}_2$  and  $\text{NO}_x$  was observed well below the prescribed standards of  $80 \mu\text{g}/\text{m}^3$  for 24 hours. The average concentration of  $\text{SO}_2$  and  $\text{NO}_x$  was observed as  $1.2 \mu\text{g}/\text{m}^3$  and  $9.3 \mu\text{g}/\text{m}^3$  which is below the prescribed standard of  $80 \mu\text{g}/\text{m}^3$  for 24 hours.

The 24-hour average  $\text{NH}_3$  concentration at Hadimba Matta Road, Manali was observed at  $2.1 \mu\text{g}/\text{m}^3$  which is within the prescribed standard limit of  $400 \mu\text{g}/\text{m}^3$  on Diwali day.

### **Ambient Noise monitoring reports of Himachal Pradesh during the Diwali Festival, 2025 are as under:**

Himachal Pradesh State Pollution Control Board has also conducted ambient noise monitoring on the occasion of the Diwali festival, 2025, to study the impact of the bursting of crackers and other related activities on 13.10.2025 (Normal day monitoring) and 20.10.2025 (Diwali day monitoring). The data of the ambient noise monitoring observed are summarized in Annexure-I.

### **SHIMLA**

The ambient noise level monitoring was conducted at Shimla Ridge during the Diwali festival on 13.10.2025 and 20.10.2025. The average ambient noise level (Leq.) monitored from 18:00hrs-24:00hrs on 13.10.2025 and 20.10.2025 was observed as 64.5 dB(A) and 64.9 dB(A) respectively. The maximum impact of bursting of crackers on the ambient noise level on Diwali day was observed at 86.3dB (A) between 09.00 PM to 10.00 PM.

The ambient noise level of 64.9 dB(A) at Shimla was observed lower than the noise level of 68.7 dB(A) observed during Diwali last year.

## **PARWANOO**

The ambient noise level was monitored at HPSPCB Regional Office, Sector IV, Parwanoo during the Diwali festival on 13.10.2025 and 20.10.2025. The ambient noise level (Leq.) monitored from 18:00hrs-24:00hrs on 13.10.2025 and 20.10.2025 was observed as 53.6 dB(A) and 62.1 dB(A) respectively. The maximum impact of the bursting of crackers on the ambient noise level on Diwali day was observed between 09:00 PM to 10:00 PM, where a noise level (Leq) of 94.5 dB(A) was observed.

The ambient noise level of 62.1 dB (A) at Parwanoo was observed lower than the noise level of 66.6dB (A) observed during Diwali last year.

## **BILASPUR**

The ambient noise level was monitored at Housing Board Colony, Bilaspur town during the Diwali festival on 13.10.2025 and 20.10.2025. The ambient noise level (Leq) monitored from 18:00hrs-24:00hrs on 13.10.2025 and 20.10.2025 was observed as 48.4 dB(A) and 56.4 dB(A) respectively. The maximum impact of bursting of crackers on the ambient noise level on Diwali day was observed between 08:00 PM to 09:00 PM and an ambient noise level of 89.5 dB (A) was observed.

The ambient noise level of 56.4 dB(A) at Bilaspur was observed higher than the noise level of 54.5 dB(A) observed during Diwali last year.

## **CHAMBA**

The ambient noise level was monitored at Chamba Town (Residential zone) during the Diwali festival on 13.10.2025 and 20.10.2025. The ambient noise level (Leq) monitored at the Chamba Town (Residential zone), from 18:00hrs-24:00hrs on 13.10.2025 and 20.10.2025 was observed as 56.8 dB(A) and 78.1 dB(A) respectively in residential zone. The maximum impact of the bursting of crackers on the ambient noise level on Diwali day was observed between 09:00 PM to 10:00 PM where a noise level (Leq) of 123.6 dB(A) was observed.

The ambient noise level of 78.1 dB(A) at Chamba was observed higher than the noise level of 73.2 dB(A) observed during Diwali last year.

### **PAONTA SAHIB**

The ambient noise level was monitored at HIMUDA Colony, Shubkhera, Paonta Sahib during the Diwali festival on 13.10.2025 and 20.10.2025. The ambient noise level (Leq) monitored from 18:00hrs-24:00hrs on 13.10.2025 and 20.10.2025 was observed as 56.7 dB(A) and 61.9 dB(A) respectively. The maximum impact of the bursting of crackers on the ambient noise level on Diwali day was observed between 09:00 PM-10:00 PM where a noise level (Leq) of 97.4 dB(A) was observed.

The ambient noise level of 61.9 dB(A) at Paonta Sahib was observed higher than the noise level of 58.9 dB(A) observed during Diwali last year.

### **UNA**

The ambient noise level was monitored at Rakkar Colony (Residential zone) on 13.10.2025 and 20.10.2025 (Pre Diwali and Diwali day). The ambient noise level was monitored from 18:00hrs-24:00hrs on 13.10.2025 and 20.10.2025 and the values were observed as 43.7 dB(A) and 73.9 dB(A) respectively in Residential zone. The maximum impact of the bursting of crackers on the ambient noise level on Diwali day was observed between 08:00 PM to 10:00 PM where a noise level (Leq) of 111.2 dB(A) was observed.

The Ambient noise level of 73.9 dB(A) at Una was observed higher than the level of 71.0 dB(A) observed during Diwali last year.

### **BADDI**

The ambient noise level was monitored at Phase-I, Baddi during the Diwali festival on 13.10.2025 and 20.10.2025. The ambient noise level (Leq.) monitored from 18:00hrs-24:00hrs on 13.10.2025 and 20.10.2025 was observed as 57.1 dB(A) and 71.2 dB(A) respectively. The maximum impact of the bursting of crackers on the ambient noise level on Diwali day was observed between 08:00 PM-09:00 PM where a noise level (Leq.) of 106.5 dB(A) was observed.

The ambient noise level of 71.2 dB(A) at Phase-I, Baddi was observed higher than the noise level of 65.7 dB(A) observed during Diwali last year.

### **RECONG PEO**

The ambient noise level was monitored at Recong Peo, District Kinnaur during the Diwali festival on 13.10.2025 and 20.10.2025. The ambient noise level (Leq.)

monitored from 18:00hrs-24:00hrs on 13.10.2025 and 20.10.2025 was observed as 50.7 dB(A), and 71.0 dB(A) respectively. The maximum impact of the bursting of crackers on the ambient noise level on Diwali day was observed between 06:00 PM to 07:00 PM where a noise level (Leq) of 120.2 dB(A) was observed.

The ambient noise level of 71.0 dB(A) at Recong Peo was observed higher than the noise level of 64.0 dB(A) observed during Diwali last year.

### **RAMPUR BUSHAR**

The ambient noise level was monitored at Rampur, Distt. Shimla during the Diwali festival on 13.10.2025 and 20.10.2025. The ambient noise level (Leq) monitored from 18:00hrs-24:00hrs on 13.10.2025 and 20.10.2025 was observed as 55.4 dB(A) and 77.3 dB(A) respectively. The maximum impact of the bursting of crackers on the ambient noise level on Diwali day was observed between 06:00 PM to 07:00 PM where a noise level (Leq) of 123.8 dB (A) was observed.

The ambient noise level of 77.3 dB (A) at Rampur Bushar was observed higher than the noise level 65.0 dB (A) observed during Diwali last year.

### **DHARAMSHALA**

The ambient noise level was monitored at the Regional office of Dharamshala during the Diwali festival on 13.10.2025 and 20.10.2025. The ambient noise level (Leq) monitored from 18:00hrs-24:00hrs on 13.10.2025 and 20.10.2025 was observed as 47.9 dB(A) and 59.2 dB(A) respectively. The maximum impact of the bursting of crackers on the ambient noise level on Diwali day was observed between 07:00 PM to 08:00 PM where a noise level (Leq) of 83.2 dB(A) was observed.

The ambient noise level of 59.2 dB(A) at Dharamshala was observed slightly higher than the noise level of 58.8 dB(A) observed during Diwali last year.

### **KULLU**

The ambient noise level was monitored near Dhalpur Ground, Kullu during the Diwali festival on 13.10.2025 and 20.10.2025. The ambient noise level (Leq) monitored from 18:00hrs-24:00hrs on 13.10.2025 and 20.10.2025 was observed as 60.4 dB(A) and 74.9 dB(A) respectively. The maximum impact of the bursting of crackers on the ambient noise level on Diwali day was observed between 06:00 PM to 07:00 PM where a noise level (Leq) of 112.5 dB (A) was observed.

The ambient noise level of 74.9 dB(A) near Dhalpur Ground, Kullu was observed higher than the noise level of 63.5 dB(A) observed during Diwali last year.

## **MANDI**

The ambient noise level was monitored near Mandi Town during the Diwali festival on 13.10.2025 and 20.10.2025. The ambient noise level (Leq) monitored from 18:00hrs-24:00hrs on 13.10.2025 and 20.10.2025 was observed as 50.2 dB(A) and 89.7 dB(A) respectively. The maximum impact of the bursting of crackers on the ambient noise level on Diwali day was observed between 08:00 PM to 10:00 PM where a noise level (Leq) of 124.2 dB(A) was observed.

## **HAMIRPUR**

The ambient noise level was monitored near HIMUDA Residential Colony, Hamirpur Town during the Diwali festival on 13.10.2025 and 20.10.2025. The ambient noise level (Leq) monitored from 18:00hrs-24:00hrs on 13.10.2025 and 20.10.2025 was observed as 47.6 dB(A) and 60.0 dB(A) respectively. The maximum impact of the bursting of crackers on the ambient noise level on Diwali day was observed between 08:00 PM to 09:00 PM where a noise level (Leq) of 99.6 dB(A) was observed.

## **CONCLUSION**

The concentration of RSPM (PM<sub>10</sub> and PM<sub>2.5</sub>), NO<sub>x</sub>, SO<sub>2</sub>, NH<sub>3</sub>, O<sub>3</sub> & CO levels in the ambient air observed on Diwali, 2025 was comparatively more than the values observed on the normal days which indicates the impact of the bursting of firecrackers and other activities on the ambient air quality. During Diwali 2025, the concentration of SO<sub>2</sub>, NO<sub>x</sub>, NH<sub>3</sub>, O<sub>3</sub> & CO were observed within the standard limit in all the monitoring stations whereas, the concentration of RSPM (PM<sub>10</sub>) exceeded the prescribed standard limit of 100 µg/m<sup>3</sup> for 24 hours at Parwanoo and Una however, the RSPM (PM<sub>10</sub>) concentration was observed within the prescribed standard at Shimla, Dharamshala, Damtal, Sundernagar, Paonta Sahib, Kala Amb, Baddi (Barotiwalla), Nalagarh and Manali on Diwali day. Further, the concentration of RSPM(PM<sub>10</sub>) at Una was observed more than the concentration observed during Diwali, 2024, whereas, the concentration of RSPM(PM<sub>10</sub>) at Shimla, Parwanoo, Dharamshala, Damtal, Sundernagar, Paonta Sahib, Kala Amb, Baddi, Nalagarh and Manali stations were observed comparatively lower than the concentration of RSPM observed during Diwali, 2024.

Similarly, the Concentration of RSPM (PM<sub>2.5</sub>) has exceeded the prescribed standard limit of 60µg/m<sup>3</sup> for 24 hours at Dharamshala, Paonta Sahib and Una however, the RSPM (PM<sub>2.5</sub>) concentration was observed within the prescribed standard at Shimla, Parwanoo, Damtal, Sundernagar, Kala Amb, Baddi, Nalagarh and Manali on Diwali day. Further, the concentration of RSPM(PM<sub>2.5</sub>) at Dharamshala, Damtal and Paonta Sahib was observed more than the concentration observed during Diwali, 2024, whereas, the concentration of RSPM(PM<sub>2.5</sub>) at Shimla, Parwanoo, Sundernagar, Kala Amb, Una, Baddi,

Nalagarh and Manali stations were observed comparatively lower than the concentration of  $PM_{2.5}$  observed during Diwali, 2024.

There was a gradual decrease in the concentration of RSPM ( $PM_{10}$  &  $PM_{2.5}$ ),  $SO_2$ ,  $NO_x$ ,  $NH_3$ ,  $O_3$  & CO after the Diwali festival at most of the monitoring stations.

Further, the heavy metal analysis was also carried out in all Laboratories i.e. Shimla, Parwanoo, Paonta Sahib, Sundernagar, Una & Dharamshala. The concentrations of Lead, Nickel and Arsenic in  $PM_{10}$  and Aluminium, Barium and Iron in  $PM_{2.5}$  were monitored for consecutive 15 days and the Lead, Nickel and Arsenic parameters were found within the prescribed limit as per NAAQMS, 2009 on Pre Diwali, Diwali & Post Diwali period.

It can be concluded from the ambient air quality monitoring carried out by the State Board that w.r.t.  $PM_{10}$  concentration on Diwali day, Una, Parwanoo and Paonta Sahib towns were highest polluted towns and Shimla was the cleanest town in the State and with respect to RSPM ( $PM_{2.5}$ ) concentration, Paonta Sahib and Dharamshala were highest polluted towns and Manali was the cleanest town. With respect to  $SO_2$  &  $NO_x$  concentrations, all values are within the standard prescribed limit. The  $SO_2$  concentration was observed highest at Una  $20.72 \mu g/m^3$  and the concentration of  $NO_x$  was observed highest at Una  $44.99 \mu g/m^3$ . The concentrations of  $NH_3$  and  $O_3$  at all locations were observed within the standard prescribed limit on Pre Diwali, Diwali and Post Diwali monitoring. The Concentration of metals (Lead, Nickel & Arsenic) in Shimla, Parwanoo, Paonta Sahib, Dharamshala, Una and Sunder Nagar was observed within the standard prescribed limit on Pre Diwali, Diwali and Post Diwali monitoring.



Annexure-I														
Area	Zone	Location	Annexure-I-Data of Noise Level											
			Date						Date					
			13.10.2025						20.10.2025					
			18:00Hrs-24:00Hrs						18:00Hrs-24:00Hrs					
			dB (A) Leq	L <sub>max</sub>	L <sub>min</sub>	L <sub>10</sub>	L <sub>50</sub>	L <sub>90</sub>	dB (A) Leq	L <sub>max</sub>	L <sub>min</sub>	L <sub>10</sub>	L <sub>50</sub>	L <sub>90</sub>
Shimla	C	Shimla Ridge	64.5	83.3	43.2	67.6	53.5	46.8	64.9	86.3	42.1	66.0	53.2	46.8
Parwanoo	Mixed	HPSPCB Regional Office, Sector-4, Parwanoo	53.6	96.9	28.4	49.8	40.3	35.8	62.1	94.5	26.2	63.5	54.5	44.6
Poanta Sahib	R	Himuda Colony, Shubkhera, Poanta Sahib	56.7	94.8	29.0	57.5	33.0	30.5	61.9	97.4	31.5	63.5	55.0	46.5
Una	R	Rakkar Colony	43.7	68.1	36.0	45.2	42.3	40.8	73.9	111.2	40.5	72.0	56.3	50.2
Dharamshala	R	Regional Office Dharamshala	47.9	62.1	32.1	-	-	-	59.2	83.2	33.2	-	-	-
Baddi	C/R	Baddi Phase-I	57.1	93.5	34.1	58.5	52.8	49.3	71.2	106.5	36.9	68.4	58.3	53.4
Kullu	C	Near Dhalpur Ground, Kullu	60.4	93.2	35.5	61.7	56.1	53.5	74.9	113	52	70.8	61.9	57.8
Bilaspur	C/R	Housing Board Colony Bilaspur	48.4	64.4	35.3	50.0	44.2	43.2	56.4	89.5	30.2	62.4	53.8	46.1
Kinnaur	C	Recongpeo (Distt.Kinnaur)	50.7	100.2	41.0	-	-	-	71.0	120.2	40.2	-	-	-
Rampur	C	Rampur Bushar (Distt. Shimla)	55.4	101.4	46.2	52.1	50.4	49.3	77.3	123.8	47.2	72.2	59.7	54.4
Hamirpur	R	HIMUDA Residential Colony, Hamirpur	47.6	94.4	32.9	47.1	42.7	39.6	60.0	94.2	33.0	58.8	48.1	44.5
Chamba	R	Chamba Town	56.8	74.1	21.0	59.6	47.3	39.7	78.1	123.6	30.3	67.5	51.8	47.0
Mandi	C	Mandi Town	50.2	90.2	24.9	47.5	37.5	27.0	89.7	124.2	26.6	74.0	65.0	58.0
* S = Silence,		C = Commercial,	I = Industrial,			R=Residential,								

## ANNEXURE-II (a)

RSPM(PM10) in ug/m<sup>3</sup>24 Hour Standard for Industrial, Residential & Others=100 ug/m<sup>3</sup>

Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Tekka Bench, The Mall, Shimla	6AM-2PM	15.0	22.0	33.0	34.0	31.0	41.0	44.0	47.0	53.0	51.0	58.0	55.0	49.0	51.0	58.0
	2PM-10PM	24.0	32.0	41.0	45.0	47.0	47.0	60.0	76.0	66.0	64.0	67.0	48.0	46.0	47.0	55.0
	10PM-6AM	18.0	20.0	29.0	29.0	18.0	25.0	35.0	49.0	36.0	34.0	32.0	31.0	29.0	21.0	19.0
	24 hour Avg.	19.0	24.7	34.3	36.0	32.0	37.7	46.3	57.3	51.7	49.7	52.3	44.7	41.3	39.7	44.0
Parwanoo, Sector-IV	6AM-2PM	49.7	43.2	48.0	42.7	40.5	53.0	110.0	116.4	89.0	83.3	76.4	69.9	65.1	49.1	51.2
	2PM-10PM	47.7	51.6	53.5	45.2	44.7	62.7	114.9	128.2	96.5	86.3	79.8	72.5	59.3	51.7	53.1
	10PM-6AM	45.5	46.5	42.4	40.2	47.3	69.8	120.0	137.8	81.6	75.7	70.8	61.0	55.7	44.8	46.5
	24 hour Avg.	47.6	47.1	48.0	42.7	44.2	61.8	115.0	127.4	89.0	81.8	75.7	67.8	60.0	48.5	50.2
Residential Building Dari Dharamshala	6AM-2PM	78.0	86.0	38.0	48.0	44.0	47.0	48.0	52.0	42.0	34.0	48.0	51.0	48.0	43.0	47.0
	2PM-10PM	88.0	108.0	75.0	72.0	85.0	90.0	96.0	122.0	100.0	49.0	57.0	72.0	76.0	58.0	70.0
	10PM-6AM	60.0	46.0	48.0	30.0	29.0	36.0	40.0	114.0	37.0	36.0	34.0	29.0	39.0	47.0	40.0
	24 hour Avg.	75.0	80.0	54.0	50.0	53.0	58.0	61.0	96.0	60.0	40.0	46.0	51.0	54.0	49.3	52.3
	6AM-2PM	62.0	62.0	56.0	69.0	78.0	80.0	67.0	71.0	59.0	62.0	63.0	60.0	64.0	58.0	56.0

am Gopal Mandir, antant	2PM-10PM	71.0	66.0	64.0	76.0	88.0	89.0	92.0	111.0	67.0	67.0	70.0	68.0	73.0	65.0	64.0
	10PM-6AM	63.0	58.0	57.0	73.0	80.0	82.0	77.0	109.0	84.0	60.0	64.0	63.0	66.0	62.0	59.0
	24 hour Avg.	65.0	62.0	59.0	73.0	82.0	84.0	79.0	97.0	70.0	63.0	66.0	64.0	68.0	62.0	60.0

**ANNEXURE-II (a) (RSPM)**

Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Regional Laboratory, BunderNagar	6AM-2PM	40.0	94.0	74.0	45.0	59.0	61.0	44.0	64.0	86.0	69.0	66.0	69.0	59.0	49.0	63.0
	2PM-10PM	44.0	82.0	62.0	61.0	50.0	34.0	48.0	62.0	73.0	63.0	59.0	61.0	42.0	72.0	48.0
	10PM-6AM	33.0	53.0	39.0	29.0	33.0	33.0	43.0	77.0	60.0	61.0	44.0	53.0	50.0	32.0	47.0
	24 hour Avg.	39.0	76.0	58.0	45.0	47.0	43.0	45.0	68.0	73.0	64.0	56.0	61.0	50.0	51.0	53.0
Office Building, Subkhara, Poanta Shib	6AM-2PM	57.2	52.8	86.5	56.4	73.0	109.9	58.3	71.5	66.8	51.1	72.9	58.1	54.7	127.3	72.7
	2PM-10PM	85.2	85.5	92.0	112.2	80.8	64.5	102.5	113.2	99.3	97.1	93.3	76.8	97.5	133.4	96.3
	10PM-6AM	95.2	77.6	81.0	101.7	84.8	78.1	48.3	107.7	81.0	95.2	74.2	71.5	137.8	120.0	93.9
	24 hour Avg.	79.16	71.96	86.47	90.09	79.53	84.20	69.68	97.44	82.37	81.11	80.10	68.81	96.63	126.90	87.61
Silokpur, Bala Amb	6AM-2PM	72.9	71.8	42.11	110.4	65.2	65.8	60.3	64.1	49.6	80.2	82.0	72.0	45.0	66.8	75.3
	2PM-10PM	60.0	62.7	73.27	57.8	80.7	76.0	70.3	68.4	63.1	78.9	78.0	59.5	47.1	69.1	63.0
	10PM-6AM	47.2	27.2	62.55	35.1	47.1	46.9	42.8	44.9	63.5	53.2	25.8	40.4	43.8	46.2	51.8
	24 hour Avg.	60.03	53.90	59.31	67.74	64.32	62.88	57.78	59.14	58.69	70.77	61.93	57.32	45.30	60.71	63.39
Regional Office Una	6AM-2PM	70.83	65.41	78.75	98.12	90.83	74.16	68.33	104.16	117.91	100.20	55.20	69.37	61.66	59.36	62.50
	2PM-10PM	70.61	105.21	87.08	69.37	106.25	87.92	86.66	195.62	134.79	71.87	35.20	64.16	56.25	55.00	59.37

Regional Office, Una	10PM-6AM	67.70	40.00	56.67	26.25	75.62	40.41	101.66	178.75	52.77	42.50	60.20	49.58	47.70	50.83	52.08
	24 hour Avg.	69.71	70.21	74.16	64.58	90.90	67.49	85.55	159.51	101.82	71.52	50.20	61.03	55.20	55.06	57.98
Secure Meter, Baddi	6AM-2PM	56.0	102.0	104.0	104.0	95.0	73.0	67.0	69.0	90.0	119.0	88.0	61.0	66.0	69.0	85.0
	2PM-10PM	71.0	90.0	109.0	81.0	92.0	101.0	88.0	115.0	103.0	112.0	75.0	78.0	83.0	81.0	77.0
	10PM-6AM	59.0	70.0	72.0	73.0	71.0	69.0	56.0	97.0	102.0	90.0	52.0	73.0	63.0	70.0	72.0
	24 hour Avg.	62.0	87.3	95.0	86.0	86.0	81.0	70.3	93.7	98.7	107.0	71.7	70.7	70.7	73.3	78.0

#### ANNEXURE-II (a) (RSPM)

Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Durga Devi Temple, Nalagarh	6AM-2PM	58.0	65.0	69.0	53.0	60.0	104.0	69.0	73.0	78.0	83.0	66.0	75.0	72.0	76.0	65.0
	2PM-10PM	41.0	71.0	79.0	68.0	82.0	60.0	57.0	95.0	91.0	96.0	62.0	69.0	53.0	66.0	65.0
	10PM-6AM	60.0	60.0	69.0	90.0	55.0	74.0	74.0	69.0	87.0	88.0	69.0	60.0	62.0	60.0	76.0
	24 hour Avg.	53.0	65.3	72.3	70.3	65.7	79.3	66.7	79.0	85.3	89.0	65.7	68.0	62.3	67.3	68.7
Hadimba Mata Road, Manali	6AM-2PM	25.0	30.1	24.2	24.1	24.8	20.8	23.7	35.0	53.2	16.3	21.8	29.0	16.1	16.1	21.2
	2PM-10PM	28.4	29.9	25.6	28.4	31.3	35.7	33.1	59.9	55.1	36.0	34.5	39.6	40.7	43.6	46.0
	10PM-6AM	16.1	11.6	11.4	11.4	16.1	19.5	26.0	92.4	15.2	---	7.6	18.0	10.8	12.1	13.8
	24 hour Avg.	23.2	23.8	20.4	21.3	24.1	25.3	27.6	62.4	41.2	26.1	21.3	28.9	22.5	23.9	27.0

Note: = - Monitoring not conducted.



ANNEXURE-II (b)																
NO <sub>x</sub> in ug/m <sup>3</sup>																
24 Hour Standard for Industrial, Residential & Others=80 ug/m3																
Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Tekka Bench, The Mall, Shimla	6AM-2PM	4.5	4.5	4.5	4.5	4.5	4.5	9.1	10.5	12.8	11.4	10.1	9.1	4.5	9.1	4.5
		4.5	4.5	9.6	10.1	9.6	11.2	10.5	11.4	11.1	9.6	9.1	11.0	10.5	10.1	11.0
	2PM-10PM	10.1	9.6	11.0	11.9	13.7	11.9	11.4	11.0	10.1	10.5	4.5	10.5	11.0	12.3	11.4
		9.1	11.4	12.3	13.3	12.3	11.0	12.8	12.3	11.0	11.9	4.5	11.0	12.8	11.9	13.3
	10PM-6AM	4.5	9.1	10.5	11.0	11.4	9.6	9.6	14.2	9.1	9.1	9.6	4.5	4.5	4.5	4.5
		4.5	4.5	4.5	4.5	4.5	4.5	4.5	9.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5
	24 hour Avg.	6.2	7.3	8.7	9.2	9.3	8.8	9.7	11.5	9.8	9.5	7.1	8.4	8.0	8.7	8.2
Parwanoo, Sec-IV	6AM-2PM	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
	2PM-10PM	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
	10PM-6AM	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
	24 hour Avg.	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Residential Building Dari Dharamshala (795)	6AM-2PM	4.92	5.37	6.25	6.71	6.71	6.25	6.71	8.05	7.60	7.15	6.71	6.26	6.71	7.15	BDL
		8.05	8.05	10.73	9.84	10.28	9.84	10.28	12.07	11.63	10.73	8.50	8.50	5.37	6.71	BDL
	2PM-10PM	5.37	-	8.05	8.05	8.05	7.60	7.15	8.94	8.50	8.94	7.60	8.04	7.15	7.60	BDL
		6.71	6.71	8.05	8.50	8.50	8.05	8.05	9.84	4.29	8.05	6.25	7.15	p/c	6.26	BDL
	10PM-6AM	6.25	2.00	9.84	8.94	8.94	9.39	9.84	10.73	11.18	9.84	9.39	8.94	8.04	8.50	BDL

	10/14/2025	6.25	6.26	7.60	4.92	7.60	7.15	6.25	8.50	3.58	6.71	10.28	9.39	8.94	8.94	BDL
	24 hour Avg.	6.26	5.68	8.42	7.83	8.35	8.05	8.05	9.69	7.80	8.57	8.12	8.05	7.24	7.53	BDL
ANNEXURE-II (b) NO <sub>x</sub>																
Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Ram Gopal Mandir Damtal	6AM-2PM	6.71	5.37	4.47	3.58	4.02	5.37	6.71	7.15	6.26	7.15	6.71	6.26	7.15	6.26	4.5
		8.94	7.60	8.94	7.15	8.50	8.05	10.73	10.73	10.28	p/c	10.28	9.39	7.60	9.84	4.5
	2PM-10PM	7.15	6.71	7.60	4.92	6.26	7.15	8.05	8.05	7.15	8.50	8.50	6.71	6.71	6.76	4.5
		8.11	7.15	6.71	5.81	7.60	5.81	9.84	9.84	9.39	8.05	8.94	8.05	8.50	7.15	4.5
	10PM-6AM	8.05	8.50	9.39	8.05	8.94	9.39	9.39	9.39	8.50	9.84	8.05	8.05	8.50	7.60	4.5
		5.81	4.47	5.81	2.68	6.71	4.47	8.50	8.50	7.60	5.81	7.15	7.15	6.71	8.50	4.5
	24 hour Avg.	7.5	6.6	7.2	5.4	7.0	6.7	8.9	8.9	8.2	7.9	8.3	7.6	7.5	7.7	4.5
Regional Laboratory, Sunder Nagar	6AM-2PM	5.14	8.58	8.58	4.08	3.85	5.14	5.57	6.00	5.57	5.14	4.72	6.00	6.43	5.57	5.14
		6.43	7.71	6.86	4.72	5.57	6.00	6.43	6.86	6.43	5.71	7.28	6.86	7.28	6.86	6.43
	2PM-10PM	5.57	8.58	4.08	5.04	4.72	7.71	7.28	7.71	8.14	6.43	8.14	8.58	6.86	6.43	7.71
		7.28	6.86	6.43	8.71	6.00	8.58	8.58	9.00	8.58	7.28	8.58	8.14	8.58	7.71	7.28
	10PM-6AM	5.57	4.08	5.14	6.86	6.43	5.57	6.86	8.14	7.28	6.00	6.00	6.43	6.00	6.43	6.00
		6.00	6.43	6.00	4.08	4.72	4.28	6.00	7.28	6.86	5.57	5.14	5.57	5.14	6.00	4.75
	24 hour Avg.	6.00	7.04	6.18	5.58	5.22	6.21	6.79	7.50	7.14	6.02	6.64	6.93	6.72	6.50	6.22
Office Building.	6AM-2PM	3.2	6.4	6.4	13.3	9.6	10.1	10.5	4.6	6.9	5.0	9.2	8.7	9.6	7.3	12.8
		4.1	5.0	8.2	9.2	8.7	9.6	10.5	8.2	12.8	8.2	8.7	7.3	9.2	6.4	11.9
	2PM-10PM	6.9	7.3	10.1	9.6	8.2	10.5	10.1	8.2	13.7	11.4	9.6	8.2	11.9	6.0	9.2

Shubkhera, Poanta Sahib	24 hour Avg.	6.0	6.9	10.5	9.8	11.9	11.4	11.0	11.0	16.5	13.7	10.1	7.8	14.6	14.2	10.1
	10PM-6AM	10.9	8.2	8.7	10.5	11.9	11.4	11.9	11.4	15.1	11.9	9.2	6.4	12.8	13.3	14.6
		12.4	9.6	10.5	11.0	12.4	11.9	12.8	27.9	9.2	9.2	8.7	6.9	7.8	10.5	8.2
	24 hour Avg.	7.2	7.2	9.1	10.5	10.4	10.8	11.1	11.9	12.3	9.9	9.2	7.5	11.0	9.6	11.1

**ANNEXURE-II (b) NO<sub>x</sub>**

Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Trilokpur, Kala Amb	6AM-2PM	6.86	10.06	4.50	8.69	9.60	9.60	8.23	9.60	9.15	7.32	6.86	8.23	6.40	8.23	4.57
		8.69	10.52	5.49	6.40	8.69	10.06	7.77	10.52	9.60	9.15	5.95	8.69	9.15	7.77	8.23
	2PM-10PM	8.23	9.15	5.03	7.32	8.69	8.23	7.32	12.80	8.69	10.52	5.03	7.77	10.06	9.60	11.43
		8.23	8.23	4.57	6.86	9.15	8.23	8.69	10.98	9.15	12.80	5.49	8.23	11.89	10.98	9.15
	10PM-6AM	7.32	10.06	6.40	8.23	9.60	8.69	8.23	11.43	7.77	9.60	8.23	8.69	8.23	8.69	5.03
		6.40	10.98	7.32	7.77	7.32	10.06	10.06	9.15	10.06	5.49	7.77	9.60	5.03	7.77	4.57
	24 hour Avg.	7.62	9.83	5.55	7.55	8.84	9.15	8.38	10.75	9.07	9.15	6.56	8.54	8.46	8.84	7.16
Secure Meter, Baddi	6AM-2PM	13.0	10.6	10.6	13.0	12.0	10.6	9.7	9.7	12.5	12.0	12.0	10.6	12.0	11.6	12.0
		14.8	13.0	12.0	15.3	13.9	11.6	9.3	11.6	12.0	12.5	14.3	11.6	12.5	12.5	13.9
	2PM-10PM	13.4	14.8	14.3	13.9	14.8	12.0	12.5	13.0	14.3	13.9	13.4	10.2	13.4	13.9	13.4
		13.0	14.3	13.9	13.4	15.3	13.9	13.0	16.2	15.7	15.3	11.6	9.7	14.3	13.9	12.5
	10PM-6AM	12.0	13.4	13.4	14.3	13.0	14.3	13.4	15.7	15.3	9.3	10.6	11.1	12.0	13.4	11.1
		11.1	11.1	11.6	12.5	11.1	11.1	10.2	12.0	13.9	15.7	9.3	12.0	10.6	12.0	9.3
	24 hour Avg.	12.9	12.9	12.6	13.7	13.3	12.3	11.3	13.0	14.0	13.1	11.9	10.9	12.5	12.9	12.0
	6AM-2PM	13.0	8.3	10.6	9.7	10.6	9.7	8.3	13.4	11.1	9.7	9.3	13.9	12.0	11.1	9.3



<b>Durga Devi Temple, Nalagarh</b>	6AM-2PM	12.0	8.8	9.7	11.1	11.6	11.1	8.8	9.7	12.0	12.5	12.0	12.0	13.4	9.3	11.6
	2PM-10PM	13.4	12.5	14.3	12.0	13.4	11.6	11.1	9.3	13.4	13.9	11.1	9.7	12.0	12.0	13.4
		12.5	13.0	13.0	13.4	9.7	13.0	12.0	10.2	13.9	12.0	10.2	11.1	10.2	13.9	14.8
	10PM-6AM	11.6	10.6	13.4	11.6	10.6	13.4	12.5	12.0	9.3	10.2	13.4	9.3	12.5	11.1	12.5
		12.0	9.7	11.1	8.3	9.3	12.5	9.3	10.6	7.9	9.3	12.0	12.0	9.7	9.7	9.7
	<b>24 hour Avg.</b>	<b>12.4</b>	<b>10.5</b>	<b>12.0</b>	<b>11.0</b>	<b>10.9</b>	<b>11.9</b>	<b>10.3</b>	<b>10.9</b>	<b>11.3</b>	<b>11.3</b>	<b>11.3</b>	<b>11.3</b>	<b>11.6</b>	<b>11.2</b>	<b>11.9</b>

ANNEXURE-II (b) NOx																
Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
<b>Regional Office, Una</b>	6AM-2PM	9.26	13.43	12.97	12.96	19.45	49.56	20.77	11.57	14.35	12.04	4.5	4.50	4.50	9.26	8.79
		9.26	14.82	14.81	22.69	10.19	38.44	39.81	13.43	20.83	13.43	10.55	10.55	9.61	8.79	-
	2PM-10PM	11.58	10.19	15.74	14.82	4.50	43.53	52.15	65.29	25.47	10.65	10.65	10.65	10.04	9.72	7.40
		19.91	15.28	14.35	13.90	20.36	23.62	90.13	70.85	18.06	15.9	11.57	11.57	13.89	5.55	8.33
	10PM-6AM	13.43	4.50	12.97	10.65	4.50	18.52	35.26	62.05	34.73	13.89	4.5	4.50	4.50	5.09	9.26
		4.50	4.50	15.28	10.18	4.50	12.50	14.61	46.77	31.95	4.5	4.5	4.50	4.50	9.72	8.79
	<b>24 hour Avg.</b>	<b>11.32</b>	<b>10.45</b>	<b>14.35</b>	<b>14.20</b>	<b>10.58</b>	<b>31.03</b>	<b>42.12</b>	<b>44.99</b>	<b>24.23</b>	<b>11.73</b>	<b>7.79</b>	<b>7.71</b>	<b>7.84</b>	<b>8.02</b>	<b>8.51</b>
<b>Hadimba Mata Road, Manali</b>	6AM-2PM	4.5	4.5	4.5	4.5	4.5	4.5	3.9	6.7	28.1	4.5	4.5	4.5	4.5	4.5	4.5
		4.5	4.5	4.5	4.5	4.5	4.5	12.3	11.6	7.0	4.5	4.5	4.5	4.5	4.5	4.5
	2PM-10PM	4.5	4.5	4.5	4.5	4.5	4.5	15.1	8.1	10.2	4.5	4.5	4.5	4.5	4.5	4.5
		4.5	4.5	4.5	4.5	4.5	4.5	11.6	8.8	12.3	4.5	4.5	4.5	4.5	4.5	4.5
	10PM-6AM	4.5	4.5	4.5	4.5	4.5	4.5	16.9	7.4	11.6	----	4.5	4.5	4.5	4.5	4.5
		4.5	4.5	4.5	4.5	4.5	4.5	14.1	13.4	5.3	----	4.5	4.5	4.5	4.5	4.5

24 hour Avg.	4.5	4.5	4.5	4.5	4.5	4.5	12.3	9.3	12.4	4.5	4.5	4.5	4.5	4.5	4.5
Note:= - Monitoring not conducted.															



ANNEXURE-II (c)																
SO <sub>2</sub> in ug/m <sup>3</sup>																
24 Hour Standard for Industrial, Residential & Others=80 ug/m3																
Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Tekka Bench, The Mall, Shimla	6AM-2PM	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	2PM-10PM	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	10PM-6AM	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	24 hour Avg.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Parwanoo Sector-IV	6AM-2PM	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	2PM-10PM	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	10PM-6AM	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	24 hour Avg.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Residential Building Dari Dharamshala	6AM-2PM	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	2PM-10PM	BDL	-	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	-	BDL	BDL

(795)

10PM-6AM	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

## ANNEXURE-II (c) SO2

Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Ram Gopal Mandir Damtal	6AM-2PM	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	2PM-10PM	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	10PM-6AM	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	24 hour Avg.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Regional Laboratory, Sunder Nagar	6AM-2PM	0.49	0.98	0.49	0.98	0.98	0.98	0.49	0.49	0.49	0.49	0.49	0.49	0.98	0.49	0.49
		0.98	1.48	1.48	1.48	0.49	1.48	0.98	0.98	0.98	0.66	0.98	0.98	1.48	1.48	0.98
	2PM-10PM	0.49	0.49	0.98	0.49	1.48	0.49	1.48	1.48	0.98	0.98	0.49	1.48	0.98	0.98	0.49
		1.48	0.98	0.49	0.98	0.49	0.49	0.98	0.98	1.48	1.48	1.48	0.98	1.97	1.97	0.49
	10PM-6AM	0.98	0.98	0.49	0.49	0.98	0.98	0.98	1.97	0.98	0.98	0.49	0.98	0.98	0.49	1.48
		0.49	0.49	0.98	0.98	0.49	0.49	0.49	0.98	0.49	0.49	0.49	0.98	0.49	0.98	0.98
	24 hour Avg.	0.82	0.90	0.82	0.90	0.82	0.82	0.90	1.15	0.90	0.85	0.74	0.98	1.15	1.07	0.82
	6AM-2PM	2.07	3.10	6.20	4.65	4.65	5.17	5.68	2.58	6.20	4.13	4.65	4.13	3.10	4.13	7.23



	24 hour Avg.	2.1	2.6	2.6	2.7	2.3	2.2	2.1	2.7	3.2	2.5	2.4	2.6	2.5	2.5	2.3
Durga Devi Temple, Nalagarh	6AM-2PM	1.6	0.8	1.4	1.2	2.0	1.0	1.8	1.2	1.4	1.6	1.0	1.8	2.6	2.4	1.4
		1.0	1.2	2.0	1.6	3.0	1.8	1.6	2.0	1.8	2.2	1.8	2.8	2.0	1.2	1.8
	2PM-10PM	1.4	2.6	1.2	2.2	2.2	1.8	2.2	2.4	2.4	2.8	1.2	1.2	3.2	1.8	2.4
		2.0	3.0	2.6	3.0	1.8	2.6	2.6	1.8	2.8	2.0	2.2	2.0	2.2	2.8	3.0
	10PM-6AM	2.6	1.4	1.0	1.4	1.0	2.4	2.8	1.0	1.2	1.4	2.8	1.6	2.0	1.6	1.6
		1.4	1.0	1.4	0.8	0.6	1.6	1.4	1.4	0.8	1.2	2.4	1.8	1.8	1.8	1.2
	24 hour Avg.	1.7	1.7	1.6	1.7	1.8	1.9	2.1	1.7	1.8	1.9	1.9	1.9	2.3	2.0	1.9

#### ANNEXURE-II (C)SO2

Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Regional Office, Una	6AM-2PM	2.0	2.0	2.0	4.58	2.0	15.86	15.86	18.77	14.18	7.93	7.51	2.92	4.17	3.75	3.75
		2.0	2.0	2.0	6.67	2.0	12.10	12.10	13.35	5.42	6.63	7.09	6.67	4.59	4.17	-
	2PM-10PM	2.0	2.0	2.0	12.10	2.0	9.18	9.18	28.79	11.62	9.60	8.35	5.00	9.60	4.17	4.17
		2.0	2.0	2.0	17.12	2.0	19.61	19.61	20.86	10.84	16.27	8.35	8.76	8.76	4.59	3.75
	10PM-6AM	2.0	2.0	2.0	4.17	2.0	8.76	8.76	26.28	16.27	6.68	7.92	3.33	5.84	5.42	3.33
		2.0	2.0	2.0	4.17	2.0	7.09	6.67	16.27	7.92	2.00	7.92	1.66	6.26	3.33	4.12
	24 hour Avg.	2.00	2.00	2.00	8.14	2.00	12.10	12.03	20.72	11.05	8.28	7.86	4.72	6.54	4.23	2.00
	6AM-2PM	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0
		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0

Hadimba Mata Road, Manali	2PM-10PM	2.0	2.0	2.0	2.0	2.0	2.0	2.5	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0
		2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0
	10PM-6AM	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0	1.5	----	2.0	2.0	2.0	2.0	2.0
		2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.5	0.5	----	2.0	2.0	2.0	2.0	2.0
	24 hour Avg.	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.2	1.3	2.0	2.0	2.0	2.0	2.0	2.0

**Note:= - Monitoring not conducted.**





**ANNEXURE-II (d)**

**RSPM(PM2.5) in ug/m<sup>3</sup>**

**24 Hour Standard for Industrial, Residential & Others=60 ug/m<sup>3</sup>**

Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Tekka Bench, The Mall, Shimla	24 hour Avg.	8.00	12.00	15.00	14.00	11.00	16.00	20.00	24.00	21.00	19.00	22.00	17.00	15.00	16.00	18.00
Parwanoo, Sector-IV	24 hour Avg.	8.95	11.00	10.12	10.36	10.49	11.95	21.57	27.52	16.74	15.03	14.24	13.61	12.36	11.41	11.95
Dari, Dharamshala	24 hour Avg.	38.00	26.00	21.00	23.00	22.00	25.00	35.00	66.00	32.00	19.00	23.00	27.00	21.00	21.00	19.00
Ram Gopal Mandir Damtal	24 hour Avg.	30.00	27.00	25.00	32.00	34.00	36.00	35.00	53.00	48.00	37.00	35.00	33.00	36.00	32.00	29.00
Regional Laboratory, Sunder Nagar	24 hour Avg.	20.00	37.00	28.00	24.00	24.00	22.00	24.00	35.00	38.00	33.00	29.00	30.00	24.00	23.00	25.00
Office Building, Shubkhara, Poanta Sahib	24 hour Avg.	38.77	48.33	54.81	50.16	46.83	38.76	29.16	67.04	41.79	42.27	37.60	33.45	55.19	66.86	29.37
Trilokpur, Kala Amb	24 hour Avg.	29.12	25.33	23.06	31.59	12.79	27.81	30.62	31.48	31.18	36.33	29.68	32.34	21.42	22.43	32.00
Regional Office, Una	24 hour Avg.	33.40	30.54	35.14	28.40	38.26	34.91	47.82	65.78	40.00	24.60	17.40	21.73	18.69	22.17	21.00
Secure Meter, Baddi	24 hour Avg.	29.68	29.72	33.33	29.67	29.15	25.53	24.98	41.64	42.46	45.81	29.68	29.16	29.72	29.69	33.33
Durga Devi Temple, Nalagarh	24 hour Avg.	24.98	20.79	25.00	24.95	25.01	24.98	20.83	24.95	33.31	33.33	24.98	25.97	25.01	24.91	24.98
Hadimba Mata Road, Manali	24 hour Avg.	9.69	13.64	9.52	12.55	13.05	13.63	12.59	20.88	16.74	12.47	12.55	9.09	12.54	9.09	12.54



ANNEXURE-II (e)																
O <sub>3</sub> in ug/m <sup>3</sup>																
24 Hour Standard for Industrial, Residential & Others=100 ug/m <sup>3</sup>																
Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Tekka Bench, The Mall, Shimla	6AM-2PM	3.4	3.7	3.2	3.4	3.1	2.8	3.3	3.7	3.4	2.7	2.9	3.0	2.7	3.3	3.5
	2PM-10PM	4.3	4.5	3.9	4.2	4.9	4.3	5.4	5.7	4.8	5.2	4.5	4.2	3.8	3.7	4.3
	10PM-6AM	2.7	2.8	3.0	3.1	3.7	3.2	4.3	6.0	4.3	4.1	3.7	3.5	3.6	3.5	3.7
	24 hour Avg.	3.5	3.7	3.4	3.6	3.9	3.4	4.3	5.1	4.2	4.0	3.7	3.6	3.4	3.5	3.8
Parwanoo, Sector-IV	6AM-2PM	1.4	1.3	1.3	2.2	2.1	1.4	1.7	2.4	2.9	2.5	1.7	1.6	1.0	2.0	2.1
	2PM-10PM	1.6	1.4	1.5	1.9	1.7	1.6	1.3	2.7	3.1	2.0	2.9	2.1	1.6	1.3	1.0
	10PM-6AM	1.8	1.5	1.4	1.3	1.3	1.7	1.9	2.7	3.2	2.7	2.7	1.3	1.0	1.9	1.7
	24 hour Avg.	1.6	1.4	1.4	1.8	1.7	1.6	1.6	2.6	3.1	2.4	2.4	1.6	1.2	1.7	1.6
Residential Building Dari Dharamshala (795)	6AM-2PM	0.6	0.9	1.0	1.2	0.5	1.1	1.2	1.1	1.0	0.9	0.9	0.8	1.1	1.04	1.1
	2PM-10PM	0.9	1.7	1.7	1.8	0.6	2.0	2.1	2.7	2.6	2.6	2.5	2.4	2.1	2.23	2.1
	10PM-6AM	0.6	0.8	1.2	1.3	1.0	1.3	1.4	1.5	1.2	1.0	1.0	0.9	1.4	1.20	1.2
	24 hour Avg.	0.7	1.1	1.3	1.4	0.7	1.5	1.5	1.8	1.6	1.5	1.5	1.4	1.6	1.4	1.4
Ram Gopal Mandir Damtal	6AM-2PM	0.97	0.90	0.79	0.86	1.26	1.33	1.37	1.51	1.26	1.19	1.15	1.19	1.22	1.26	1.15
	2PM-10PM	1.55	1.62	1.40	1.33	1.55	1.58	1.58	2.19	2.05	1.80	1.76	1.87	1.65	1.55	1.44
	10PM-6AM	1.19	1.26	1.37	1.26	1.33	1.29	1.33	1.40	1.44	1.33	1.19	1.33	1.33	1.37	1.33
	24 hour Avg.	1.2	1.3	1.2	1.1	1.4	1.4	1.4	1.7	1.6	1.4	1.4	1.5	1.4	1.4	1.3
Regional Laboratory, Sunder Nagar	6AM-2PM	0.73	0.94	0.91	0.77	0.70	0.73	0.77	0.80	0.80	0.88	0.80	0.73	0.80	0.70	0.91
	2PM-10PM	0.80	0.98	0.77	0.67	0.84	0.91	0.94	0.98	0.94	0.91	0.87	0.91	0.91	0.84	0.87
	10PM-6AM	0.84	0.77	0.80	0.87	0.80	0.70	0.80	0.87	0.84	0.77	0.73	0.70	0.73	0.80	0.73
	24 hour Avg.	0.79	0.90	0.83	0.77	0.78	0.78	0.84	0.88	0.86	0.85	0.80	0.78	0.81	0.78	0.83
ANNEXURE-II (e) O <sub>3</sub>																
Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Office Building, Shubkhara, Poanta Sahib	6AM-2PM	0.6	3.7	3.2	0.9	2.5	2.7	3.0	3.3	2.2	1.9	3.3	3.3	10.6	3.1	2.8
	2PM-10PM	2.1	3.7	2.9	1.3	1.4	2.2	1.9	3.4	1.9	3.3	3.8	2.9	2.5	2.7	4.0
	10PM-6AM	0.9	2.7	2.8	1.6	2.2	1.8	2.3	2.2	3.1	2.6	4.1	1.8	4.2	2.2	6.8
	24 hour Avg.	1.21	3.36	2.93	1.23	2.03	2.25	2.36	2.97	2.38	2.57	3.72	2.65	5.73	2.66	4.52

Trilokpur, Kala Amb	6AM-2PM	1.07	2.21	4.39	0.94	0.80	2.15	1.81	1.68	1.54	1.51	3.05	2.35	2.82	1.94	1.81
	2PM-10PM	3.22	2.31	2.15	0.74	1.64	1.88	2.35	2.82	1.64	2.38	2.78	1.37	3.08	2.31	3.05
	10PM-6AM	1.21	1.81	1.81	1.31	1.27	2.31	2.38	2.28	1.81	1.61	1.81	1.34	2.28	2.58	2.95
	<b>24 hour Avg.</b>	<b>1.83</b>	<b>2.11</b>	<b>2.78</b>	<b>1.00</b>	<b>1.24</b>	<b>2.11</b>	<b>2.18</b>	<b>2.26</b>	<b>1.66</b>	<b>1.83</b>	<b>2.55</b>	<b>1.69</b>	<b>2.73</b>	<b>2.28</b>	<b>2.60</b>
Regional Office, Una	6AM-2PM	0.43	5.08	4.89	6.38	10.20	19.24	14.79	22.85	7.59	13.42	9.20	4.93	9.58	10.32	6.63
	2PM-10PM	0.15	4.71	3.71	4.90	4.21	9.44	20.93	17.03	17.03	10.46	8.03	8.11	7.37	11.79	11.79
	10PM-6AM	2.73	4.94	2.27	3.61	3.61	4.28	1.54	18.87	5.82	3.00	6.93	7.15	4.42	2.21	8.84
	<b>24 hour Avg.</b>	<b>1.10</b>	<b>4.91</b>	<b>3.62</b>	<b>4.96</b>	<b>6.04</b>	<b>10.99</b>	<b>12.42</b>	<b>19.58</b>	<b>10.14</b>	<b>8.96</b>	<b>8.05</b>	<b>6.73</b>	<b>7.12</b>	<b>8.11</b>	<b>9.08</b>
<b>Note:= - Monitoring not conducted.</b>																

ANNEXURE-II (f)																
CO in mg/m <sup>3</sup>																
24 Hour Standard for Industrial, Residential & Others=02 mg/m3																
Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Regional Office, Una	6AM-2PM	0.01	0.07	0.06	0.02	-	-	-	-	-	-	-	-	-	-	-
	2PM-10PM	0.02	0.04	0.05	0.08	-	-	-	-	-	-	-	-	-	-	-
	10PM-6AM	0.02	0.03	0.06	0.07	-	-	-	-	-	-	-	-	-	-	-
	24 hour Avg.	0.02	0.05	0.06	0.06	-	-	-	-	-	-	-	-	-	-	-
Sector-4, Parwanoo	6AM-2PM	0.41	0.40	0.34	0.29	0.40	0.45	0.37	0.43	0.36	0.28	0.26	0.29	0.27	0.30	0.32
	2PM-10PM	0.4	0.5	0.4	0.3	0.4	0.5	0.4	0.4	0.5	0.3	0.3	0.4	0.3	0.4	0.3
	10PM-6AM	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.3	0.4	0.3	0.3	0.4	0.3
	24 hour Avg.	0.41	0.42	0.36	0.33	0.42	0.44	0.39	0.45	0.46	0.31	0.32	0.33	0.31	0.34	0.29
Regional Laboratory, Sunder Nagar	6AM-2PM	-	-	-	-	0.39	0.29	0.18	0.37	0.23	0.35	0.38	0.36	0.37	0.29	0.31
	2PM-10PM	-	-	-	-	0.41	0.39	0.44	0.44	0.28	0.30	0.31	0.31	0.30	0.31	0.51
	10PM-6AM	-	-	-	-	0.38	0.35	0.42	0.36	0.38	0.49	0.35	0.35	0.38	0.50	0.56
	24 hour Avg.	-	-	-	-	0.39	0.34	0.35	0.39	0.30	0.38	0.35	0.34	0.35	0.37	0.46
Trilokpur, Kala Amb	6AM-2PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2PM-10PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10PM-6AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24 hour Avg.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Building, Shubkhara, Poanta Sahib	6AM-2PM	0.28	0.18	0.41	0.44	0.41	0.41	0.44	0.41	0.38	0.39	0.44	0.45	0.46	0.43	0.37
	2PM-10PM	0.88	0.67	0.57	0.50	0.42	0.50	0.59	0.61	0.56	0.55	0.55	0.55	0.54	0.57	0.54
	10PM-6AM	0.61	0.48	0.45	0.44	0.39	0.31	0.38	0.41	0.47	0.48	0.42	0.46	0.48	0.55	0.52
	24 hour Avg.	0.59	0.44	0.48	0.46	0.41	0.41	0.47	0.48	0.47	0.47	0.47	0.49	0.49	0.52	0.48
Tekka Bench The Mall Shimla	6AM-2PM	0.18	0.17	0.17	0.18	0.17	0.27	0.32	0.28	0.31	0.29	0.27	0.22	0.24	0.31	0.3
	2PM-10PM	0.21	0.22	0.28	0.24	0.26	0.29	0.35	0.39	0.29	0.31	0.30	0.28	0.30	0.36	0.3
	10PM-6AM	0.12	0.14	0.20	0.16	0.20	0.22	0.26	0.35	0.30	0.24	0.24	0.19	0.21	0.26	0.2
	24 hour Avg.	0.17	0.18	0.22	0.19	0.21	0.26	0.31	0.34	0.30	0.28	0.27	0.23	0.25	0.31	0.29
Durga Devi Temple, Nalagarh	6AM-2PM	0.4	0.6	0.5	0.5	0.4	0.4	0.4	0.6	0.6	0.6	0.5	0.4	0.5	0.5	0.5
	2PM-10PM	0.4	0.6	0.5	0.5	0.4	0.4	0.4	0.6	0.6	0.6	0.5	0.4	0.5	0.5	0.5
	10PM-6AM	0.4	0.6	0.5	0.5	0.4	0.4	0.4	0.6	0.6	0.6	0.5	0.4	0.5	0.5	0.5
	24 hour Avg.	0.4	0.6	0.5	0.5	0.4	0.4	0.4	0.6	0.6	0.6	0.5	0.4	0.5	0.5	0.5
Note:= - Monitoring not conducted.																



ANNEXURE-II (g)																
NH <sub>3</sub> in ug/m3																
24 Hour Standard for Industrial, Residential & Others=400 ug/m3																
Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Tekka Bench, The Mall, Shimla	6AM-2PM	0.6	0.5	0.6	0.8	1.0	1.1	1.2	1.2	1.1	0.9	0.9	1.2	0.7	1.0	1.0
		0.8	0.8	0.8	1.0	1.2	1.3	1.5	1.5	1.3	1.2	1.1	1.3	1.1	1.2	1.4
	2PM-10PM	1.0	1.0	1.0	1.3	1.4	2.1	2.0	2.1	1.5	1.7	1.3	1.2	1.3	1.4	1.6
		1.2	1.3	1.2	1.4	1.5	1.8	2.3	2.5	2.3	2.1	1.5	1.4	1.3	1.3	1.8
	10PM-6AM	0.9	1.0	0.9	1.1	1.0	1.3	1.3	1.6	1.7	1.4	2.0	0.9	1.0	0.9	0.9
		0.8	0.7	0.7	0.9	0.9	0.9	1.0	1.1	1.3	1.1	1.0	0.8	0.8	0.8	0.7
	24 hour Avg.	0.9	0.9	0.9	1.1	1.2	1.4	1.6	1.7	1.5	1.4	1.3	1.1	1.0	1.1	1.2
Sector-4- Residential Parwanoo	6AM-2PM	1.19	2.18	1.95	2.49	2.17	1.23	1.90	2.54	6.95	2.42	1.90	1.22	1.10	1.39	1.12
		1.70	2.36	2.17	1.3	2.3	1.39	2.17	2.80	7.19	3.27	1.75	1.48	1.35	1.76	1.58
	2PM-10PM	2.17	2.20	2.21	1.74	1.89	2.11	1.95	2.05	3.16	2.32	2.31	1.70	1.80	1.88	1.76
		1.85	1.86	1.72	2.14	1.84	1.90	1.85	1.95	3.70	2.85	1.70	1.60	1.88	1.77	1.85
	10PM-6AM	2.10	1.70	1.42	1.89	1.79	1.42	1.72	1.98	3.10	2.30	1.68	1.55	1.92	1.82	1.96
		2.18	1.82	2.49	1.70	1.96	1.67	1.98	2.74	2.98	2.10	1.97	1.99	1.79	1.76	1.80
	24 hour Avg.	1.87	2.02	1.99	1.88	1.98	1.62	1.93	2.34	4.51	2.54	1.89	1.59	1.64	1.73	1.68
Residential Building Dari Dharamshala	6AM-2PM	0.55	0.73	0.64	0.44	1.00	0.67	0.73	0.55	0.64	0.67	0.61	0.94	0.46	0.55	0.7
	2PM-10PM	1.37	0.78	1.19	0.58	1.83	1.40	1.49	2.13	2.04	1.95	1.86	1.77	2.13	1.68	1.5
	10PM-6AM	0.30	0.79	0.95	0.94	1.33	0.91	0.67	0.64	0.84	0.61	0.70	0.73	1.34	0.85	0.9
	24 hour Avg.	0.7	0.8	0.9	0.65	1.4	1.0	1.0	1.1	1.2	1.1	1.1	1.0	1.3	1.0	1.0



Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Ram Gopal Mandir Damtal	6AM-2PM	0.73	0.82	0.53	0.76	0.82	0.85	0.98	0.91	0.82	0.88	0.88	0.85	0.88	0.79	0.80
	2PM-10PM	1.04	1.04	0.92	0.85	1.04	1.07	0.79	1.01	1.10	0.64	1.10	1.16	1.13	1.07	1.00
	10PM-6AM	0.67	0.73	0.60	0.73	0.76	0.98	1.16	0.85	0.70	0.98	0.67	0.73	0.67	0.73	0.70
	24 hour Avg.	0.81	0.86	0.68	0.78	0.87	0.97	0.98	0.92	0.87	0.83	0.88	0.91	0.89	0.86	0.83
Regional Laboratory, Sunder Nagar	6AM-2PM	3.00	4.20	3.60	3.90	2.41	2.41	2.70	2.70	2.41	2.10	1.80	2.10	2.70	2.70	3.00
		4.50	4.45	4.45	4.80	3.60	3.00	3.30	3.30	3.00	3.21	2.41	2.70	3.30	2.41	2.41
	2PM-10PM	3.30	3.00	2.70	3.00	3.20	2.70	3.00	3.90	3.60	3.00	3.30	3.00	3.00	3.30	2.70
		3.90	3.60	2.41	3.00	3.00	3.30	3.60	4.20	4.20	3.90	3.90	3.60	3.60	3.90	3.60
	10PM-6AM	3.60	4.20	3.30	4.20	3.20	3.00	2.41	3.90	3.00	2.70	3.00	3.00	2.10	3.60	2.10
		4.20	4.36	3.00	2.70	2.10	2.10	2.10	3.60	2.70	2.41	2.10	2.41	1.80	3.00	1.80
	24 hour Avg.	3.75	3.96	3.24	3.60	2.91	2.75	2.85	3.60	3.15	2.89	2.75	2.80	2.75	3.15	2.60
Office Building, Shubkhera, Poanta Sahib	6AM-2PM	0.9	1.0	0.9	1.0	1.1	1.0	2.0	2.0	1.1	1.4	0.8	1.8	1.5	1.8	1.1
		0.9	1.0	0.9	1.0	1.1	1.0	2.0	2.0	1.1	1.4	0.8	1.8	1.5	1.8	1.1
	2PM-10PM	1.0	0.8	0.8	1.1	1.4	1.1	1.4	2.3	1.3	1.6	1.0	1.9	1.5	1.5	1.9
		1.0	0.8	0.8	1.1	1.4	1.1	1.4	2.3	1.3	1.6	1.0	1.9	1.5	1.5	1.9
	10PM-6AM	1.1	1.1	1.3	0.9	1.5	1.0	1.1	2.1	1.2	1.5	1.2	0.7	1.6	1.2	2.5
		1.1	1.1	1.3	0.9	1.5	1.0	1.1	2.1	1.2	1.5	1.2	0.7	1.6	1.2	2.5
	24 hour Avg.	1.0	1.0	1.0	1.0	1.3	1.1	1.5	2.1	1.2	1.5	1.0	1.4	1.6	1.5	1.9
Trilokpur, Kala Amb	6AM-2PM	0.99	1.11	1.08	1.04	1.23	1.13	1.52	0.98	0.90	0.87	1.23	1.38	1.08	1.11	1.05
		0.99	1.11	1.08	1.04	1.23	1.13	1.52	0.98	0.90	0.87	1.23	1.38	1.08	1.11	1.05
	2PM-10PM	1.19	1.04	1.19	1.11	1.32	1.02	1.83	1.53	1.38	1.40	1.10	1.17	1.13	0.98	1.48
		1.20	1.04	1.19	1.11	1.32	1.02	1.83	1.53	1.38	1.40	1.10	1.17	1.13	0.98	1.48
	10PM-6AM	0.92	1.23	1.23	0.90	0.44	0.92	0.78	2.01	0.98	1.35	0.77	0.92	1.07	1.05	1.73
		0.92	1.23	1.23	0.90	0.44	0.92	0.78	2.01	0.98	1.35	0.77	0.92	1.07	1.05	1.73

	24 hour Avg.	1.04	1.13	1.17	1.02	1.00	1.02	1.38	1.51	1.09	1.21	1.03	1.16	1.09	1.05	1.42
ANNEXURE-II (g)																
Area and Location	Time of sampling	Pre Diwali Monitoring							Diwali Day	Post Diwali Monitoring						
		10/13/2025	10/14/2025	10/15/2025	10/16/2025	10/17/2025	10/18/2025	10/19/2025	10/20/2025	10/21/2025	10/22/2025	10/23/2025	10/24/2025	10/25/2025	10/26/2025	10/27/2025
Hadimba Mata Road, Manali	6AM-2PM	2.0	2.0	1.0	2.0	2.0	2.0	1.1	1.8	1.1	1.0	2.0	1.0	1.0	2.0	1.0
	2PM-10PM	2.0	2.0	1.0	2.0	2.0	2.0	1.2	2.1	0.8	1.0	2.0	1.0	1.0	2.0	1.0
	10PM-6AM	2.0	2.0	1.0	2.0	2.0	2.0	1.5	2.3	1.2	-	2.0	1.0	1.0	2.0	1.0
	24 hour Avg.	2.0	2.0	1.0	2.0	2.0	2.0	1.3	2.1	1.0	1.0	2.0	1.0	1.0	2.0	1.0
Regional Office, Una	6AM-2PM	16.30	16.29	16.29	19.72	19.25	21.50	15.20	17.74	13.25	12.55	14.98	11.15	12.00	13.11	10.12
		17.18	18.68	14.81	18.11	16.30	14.40	12.32	16.54	15.43	12.63	9.01	10.28	9.27	12.10	9.45
	2PM-10PM	19.11	17.32	17.59	17.59	19.50	16.22	11.49	13.70	14.17	12.69	9.76	7.49	7.51	9.21	9.36
		18.52	17.45	14.94	17.54	18.77	24.63	13.70	16.21	19.91	13.10	8.65	9.21	9.21	9.23	9.25
	10PM-6AM	19.34	14.81	14.81	12.96	17.57	19.28	17.82	12.15	18.81	12.89	11.12	8.21	9.61	9.33	10.20
		19.53	16.27	16.39	11.89	15.66	18.30	17.74	14.73	17.13	13.39	10.36	9.27	9.40	7.21	9.95
	24 hour Avg.	18.33	16.80	15.81	16.30	17.84	19.06	14.71	15.18	16.45	12.88	10.65	9.27	9.50	10.03	9.72
Durga Devi Temple, Nalagarh	6AM-2PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	2PM-10PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	10PM-6AM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	24 hour Avg.	4.7	5.7	4.5	6.1	5.8	6.1	4.9	5.4	6.2	5.7	6.9	4.8	6.3	5.6	6.4
Note:=- Monitoring not conducted.																



Annexure-III												
Date	Tekka Bench, Shimla (34)											
	Regulatory Parameters						Metals in PM10			Proposed New Parameters		
	SO2 (ug/m3)	NOx (ug/m3)	PM10 (ug/m3)	PM 2.5 (ug/m3)	O3 ug/m3	NH3 ug/m3				Metals/Elements in PM 2.5		
							In ug/m3					
							Pb (ug/m3)	Ni (ng/m3)	As (ng/m3)	Al	Fe	Ba
10/13/2025	2.0	6.2	19.0	8.0	3.5	0.9	ND	ND	-	<0.004	ND	0.202
10/14/2025	2.0	7.3	24.7	12.0	3.7	0.9	ND	ND	-	<0.004	2.30	0.148
10/15/2025	2.0	8.7	34.3	15.0	3.4	0.9	ND	ND	-	<0.004	ND	0.064
10/16/2025	2.0	9.2	36.0	14.0	3.6	1.1	ND	ND	-	<0.004	ND	0.045
10/17/2025	2.0	9.3	32.0	11.0	3.9	1.2	ND	ND	-	<0.004	ND	0.031
10/18/2025	2.0	8.8	37.7	16.0	3.4	1.4	ND	ND	-	<0.004	ND	0.092
10/19/2025	2.0	9.7	46.3	20.0	4.3	1.6	ND	ND	-	<0.004	ND	0.070
10/20/2025	2.0	11.5	57.3	24.0	5.1	1.7	0.138	ND	-	<0.004	ND	0.103
10/21/2025	2.0	9.8	51.7	21.0	4.2	1.5	ND	ND	-	<0.004	ND	0.038
10/22/2025	2.0	9.5	49.7	19.0	4.0	1.4	ND	ND	-	<0.004	ND	0.015
10/23/2025	2.0	7.1	52.3	22.0	3.7	1.3	ND	ND	-	<0.004	ND	0.090
10/24/2025	2.0	8.4	44.7	17.0	3.6	1.1	ND	ND	-	<0.004	ND	0.081
10/25/2025	2.0	8.0	41.3	15.0	3.4	1.0	ND	ND	-	<0.004	ND	0.109
10/26/2025	2.0	8.7	39.7	16.0	3.5	1.1	ND	ND	-	<0.004	ND	1.460
10/27/2025	2.0	8.2	44.0	18.0	3.8	1.2	ND	ND	-	<0.004	ND	1.626

Annexure-III												
Parwanoo, Sector-IV (132)												
Regulatory Parameters										Proposed New Parameters		
SO2 (ug/m3)	NOx (ug/m3)	PM10 (ug/m3)	PM 2.5 (ug/m3)	O3 ug/m3	NH3 ug/m3	CO mg/m3	Metals in PM10			Metals/Elements in PM 2.5		
							Pb (ug/m3)	Ni (ng/m3)	As (ng/m3)	In ug/m3		
										Al	Fe	Ba
2.0	4.5	47.6	8.95	1.6	1.87	0.41	ND	ND	ND	ND	ND	0.188
2.0	4.5	47.1	11.0	1.4	2.02	0.42	ND	ND	ND	ND	ND	0.813
2.0	4.5	48.0	10.1	1.4	1.99	0.36	ND	ND	ND	ND	ND	5.477
2.0	4.5	42.7	10.4	1.8	1.88	0.33	ND	ND	ND	ND	ND	2.874
2.0	4.5	44.2	10.5	1.7	1.98	0.42	ND	ND	ND	ND	ND	3.124
2.0	4.5	61.8	12.0	1.6	1.62	0.44	ND	ND	ND	ND	ND	0.795
2.0	4.5	115.0	21.6	1.6	1.93	0.39	ND	ND	ND	ND	ND	1.333
2.0	4.5	127.4	27.5	2.6	2.34	0.45	ND	ND	ND	ND	ND	1.875
2.0	4.5	89.0	16.7	3.1	4.51	0.46	ND	ND	ND	ND	ND	0.042
2.0	4.5	81.8	15.0	2.4	2.54	0.31	ND	ND	ND	ND	ND	1.458
2.0	4.5	75.7	14.2	2.4	1.89	0.32	ND	ND	ND	ND	ND	0.459
2.0	4.5	67.8	13.6	1.6	1.59	0.33	ND	ND	ND	ND	ND	0.399
2.0	4.5	60.0	12.4	1.2	1.64	0.31	ND	ND	ND	ND	ND	9.371
2.0	4.5	48.5	11.4	1.7	1.73	0.34	ND	ND	ND	ND	ND	0.460
2.0	4.5	50.2	12.0	1.6	1.68	0.29	ND	ND	ND	ND	ND	0.105

# ANNEXURE-III

## Residential Building Dari Dharamshala (795)

Date	Regulatory Parameters											
							Metals in PM10			Proposed New Parameters		
	SO2 (ug/m3)	NOx (ug/m3)	PM10 (ug/m3)	PM 2.5 (ug/m3)	O3 ug/m3	NH3 ug/m3				Metals/Elements in PM 2.5		
										In ug/m3		
							Pb (ug/m3)	Ni (ng/m3)	As (ng/m3)	Al	Fe	Ba
10/13/2025	2.0	6.26	75.0	38.0	0.7	0.7	ND	ND	ND	ND	2.43	0.43
10/14/2025	2.0	5.68	80.0	26.0	1.1	0.8	ND	ND	ND	ND	6.98	0.26
10/15/2025	2.0	8.42	54.0	21.0	1.3	0.9	ND	ND	ND	ND	9.22	0.34
10/16/2025	2.0	7.83	50.0	23.0	1.4	0.6	ND	ND	ND	ND	1.89	0.07
10/17/2025	2.0	8.35	53.0	22.0	0.7	1.4	ND	ND	ND	ND	2.03	0.46
10/18/2025	2.0	8.05	58.0	25.0	1.5	1.0	ND	ND	ND	ND	1.76	0.59
10/19/2025	2.0	8.05	61.0	35.0	1.5	1.0	ND	ND	ND	ND	1.28	0.04
10/20/2025	2.0	9.69	96.0	66.0	1.8	1.1	ND	ND	ND	ND	2.04	0.63
10/21/2025	2.0	7.80	60.0	32.0	1.6	1.2	ND	ND	ND	ND	2.55	0.89
10/22/2025	2.0	8.57	40.0	19.0	1.5	1.1	ND	ND	ND	ND	3.88	0.63
10/23/2025	2.0	8.12	46.0	23.0	1.5	1.1	ND	ND	ND	ND	1.54	0.38
10/24/2025	2.0	8.05	51.0	27.0	1.4	1.0	ND	ND	ND	ND	27.53	0.58
10/25/2025	2.0	7.24	54.0	21.0	1.6	1.3	ND	ND	ND	ND	4.55	0.39
10/26/2025	2.0	7.53	49.3	21.0	1.4	1.0	ND	ND	ND	ND	15.88	0.72
10/27/2025	2.0	BDL	52.3	19.0	1.4	1.0	ND	ND	ND	ND	7.71	0.51

**ANNEXURE-III**

Date	Ram Gopal Mandir, Damtal (271)											
	Regulatory Parameters						Metals in PM10			Proposed New Parameters		
	SO2 (ug/m3)	NOx (ug/m3)	PM10 (ug/m3)	PM 2.5 (ug/m3)	O3 ug/m3	NH3 ug/m3	Metals in PM10			Metals/Elements in PM 2.5		
							Pb (ug/m3)	Ni (ng/m3)	As (ng/m3)	In ug/m3		
										Al	Fe	Ba
10/13/2025	2.0	7.5	65.0	30.0	1.2	0.81	ND	ND	ND	ND	15.09	0.08
10/14/2025	2.0	6.6	62.0	27.0	1.3	0.86	ND	ND	ND	ND	15.79	0.2
10/15/2025	2.0	7.2	59.0	25.0	1.2	0.68	ND	ND	ND	ND	11.3	0.25
10/16/2025	2.0	5.4	73.0	32.0	1.1	0.78	ND	ND	ND	ND	10.17	0.49
10/17/2025	2.0	7.0	82.0	34.0	1.4	0.87	ND	ND	ND	ND	26.6	1.17
10/18/2025	2.0	6.7	84.0	36.0	1.4	0.97	ND	ND	ND	ND	11.72	0.63
10/19/2025	2.0	8.9	79.0	35.0	1.4	0.98	ND	ND	ND	ND	1.33	0.38
10/20/2025	2.0	8.9	97.0	53.0	1.7	0.92	ND	ND	ND	ND	8.28	0.21
10/21/2025	2.0	8.2	70.0	48.0	1.6	0.87	ND	ND	ND	ND	3.58	0.67
10/22/2025	2.0	7.9	63.0	37.0	1.4	0.83	ND	ND	ND	ND	7.09	1.17
10/23/2025	2.0	8.3	66.0	35.0	1.4	0.88	ND	ND	ND	ND	6.17	0.88
10/24/2025	2.0	7.6	64.0	33.0	1.5	0.91	ND	ND	ND	ND	5.54	0.63
10/25/2025	2.0	7.5	68.0	36.0	1.4	0.89	ND	ND	ND	ND	5.05	0.12
10/26/2025	2.0	7.7	62.0	32.0	1.4	0.86	ND	ND	ND	ND	5.68	0.01
10/27/2025	2.0	4.5	60.0	29.0	1.3	0.83	ND	ND	ND	ND	21.48	1.82

ANNEXURE-III													
Date	Regional Office, Sunder Nagar (665)												
	Regulatory Parameters						CO mg/m3	Metals in PM10			Proposed New Parameters		
	SO2 (ug/m3)	NOx (ug/m3)	PM10 (ug/m3)	PM 2.5 (ug/m3)	O3 ug/m3	NH3 ug/m3					Metals/Elements in PM 2.5		
								In ug/m3					
								Pb (ug/m3)	Ni (ng/m3)	As (ng/m3)	Al	Fe	Ba
10/13/2025	0.8	6.0	39.0	20.0	0.79	3.75	-	ND	ND	ND	ND	ND	0.15
10/14/2025	0.9	7.0	76.0	37.0	0.90	3.96	-	ND	ND	ND	ND	6.77	0.043
10/15/2025	0.8	6.2	58.0	28.0	0.83	3.24	-	ND	ND	ND	ND	ND	0.087
10/16/2025	0.9	5.6	45.0	24.0	0.77	3.60	-	ND	ND	ND	ND	ND	0.042
10/17/2025	0.8	5.2	47.0	24.0	0.78	2.91	0.39	ND	ND	ND	ND	5.45	0.25
10/18/2025	0.8	6.2	43.0	22.0	0.78	2.75	0.34	ND	ND	ND	ND	0.049	0.326
10/19/2025	0.9	6.8	45.0	24.0	0.84	2.85	0.35	ND	ND	ND	ND	10.57	0.34
10/20/2025	1.2	7.5	68.0	35.0	0.88	3.60	0.39	ND	ND	ND	ND	3.27	1.224
10/21/2025	0.9	7.1	73.0	38.0	0.86	3.15	0.30	ND	ND	ND	ND	1.96	0.345
10/22/2025	0.9	6.0	64.0	33.0	0.85	2.89	0.38	ND	ND	ND	ND	ND	0.264
10/23/2025	0.7	6.6	56.0	29.0	0.80	2.75	0.35	ND	ND	ND	ND	6.23	0.184
10/24/2025	1.0	6.9	61.0	30.0	0.78	2.80	0.34	ND	ND	ND	ND	ND	0.417
10/25/2025	1.2	6.7	50.0	24.0	0.81	2.75	0.35	ND	ND	ND	ND	ND	0.059
10/26/2025	1.1	6.5	51.0	23.0	0.78	3.15	0.37	ND	ND	ND	ND	2.71	1.165
10/27/2025	0.8	6.2	53.0	25.0	0.83	2.60	0.46	ND	ND	ND	ND	0.491	0.0843



ANNEXURE-III													
Date	Office Building, Shubkhera, Poanta Sahib (117)												
	Regulatory Parameters							Metals in PM10			Proposed New Parameters		
	SO2 (ug/m3)	NOx (ug/m3)	PM10 (ug/m3)	PM 2.5 (ug/m3)	O3 ug/m3	NH3 ug/m3	CO mg/m3				Metals/Elements in PM 2.5		
											In ug/m3		
								Pb (ug/m3)	Ni (ng/m3)	As (ng/m3)	Al	Fe	Ba
10/13/2025	2.67	7.2	79.16	38.77	1.21	1.0	0.59	0.119	34.00	BDL (DL-1.0)	BDL	0.63	0.08
10/14/2025	3.88	7.2	71.96	48.33	3.36	1.0	0.44	0.094	15.00	BDL (DL-1.0)	BDL	0.67	0.23
10/15/2025	4.74	9.1	86.47	54.81	2.93	1.0	0.48	0.119	41.00	BDL (DL-1.0)	BDL	0.58	0.09
10/16/2025	4.94	10.5	90.09	50.16	1.23	1.0	0.46	0.132	10.00	BDL (DL-1.0)	BDL	0.73	0.08
10/17/2025	5.25	10.4	79.53	46.83	2.03	1.3	0.41	0.032	8.00	BDL (DL-1.0)	BDL	0.55	0.04
10/18/2025	5.25	10.8	84.20	38.76	2.25	1.1	0.41	0.062	BDL(DL-5.0)	BDL (DL-1.0)	BDL	0.63	0.13
10/19/2025	5.94	11.1	69.68	29.16	2.36	1.5	0.47	0.104	BDL(DL-5.0)	BDL (DL-1.0)	3.70	0.67	0.17
10/20/2025	6.55	11.9	97.44	67.04	2.97	2.1	0.48	0.087	24.00	1.00	17.95	0.25	0.63
10/21/2025	5.25	12.3	82.37	41.79	2.38	1.2	0.47	0.067	19.00	4.00	BDL	0.15	0.29
10/22/2025	4.64	9.9	81.11	42.27	2.57	1.5	0.47	0.037	12.00	2.00	BDL	0.35	0.18
10/23/2025	5.08	9.2	80.10	37.60	3.72	1.0	0.47	0.024	43.00	BDL (DL-1.0)	BDL	0.08	0.10
10/24/2025	5.42	7.5	68.81	33.45	2.65	1.4	0.49	BDL(DL-0.01)	6.00	BDL (DL-1.0)	BDL	0.38	0.10
10/25/2025	4.13	11.0	96.63	55.19	5.73	1.6	0.49	0.074	11.00	BDL (DL-1.0)	BDL	0.32	0.16
10/26/2025	3.53	9.6	126.90	66.86	2.66	1.5	0.52	0.067	8.00	BDL (DL-1.0)	5.97	0.54	0.04
10/27/2025	4.48	11.1	87.61	29.37	4.52	1.9	0.48	0.057	13.00	BDL (DL-1.0)	5.99	0.28	0.03

**ANNEXURE-III**

**Trilokpur, Kala Amb (530)**

Date	Regulatory Parameters						Metals in PM10			Proposed New Parameters		
	SO2 (ug/m3)	NOx (ug/m3)	PM10 (ug/m3)	PM 2.5 (ug/m3)	O3 ug/m3	NH3 ug/m3				Metals/Elements in PM 2.5		
							In ug/m3					
							Pb (ug/m3)	Ni (ng/m3)	As (ng/m3)	Al	Fe	Ba
10/13/2025	3.27	7.62	60.03	29.12	1.83	1.04	0.41	6.00	BDL (DL-1.0)	13.85	1.93	0.04
10/14/2025	4.57	9.83	53.90	25.33	2.11	1.13	0.82	BDL (DL-5.0)	BDL (DL-1.0)	36.19	1.14	0.33
10/15/2025	4.82	5.55	59.31	23.06	2.78	1.17	0.15	10.0	BDL (DL-1.0)	21.96	BDL (DL-1.0)	0.04
10/16/2025	3.01	7.55	67.74	31.59	1.00	1.02	0.55	12.0	BDL (DL-1.0)	12.18	0.34	1.11
10/17/2025	3.79	8.84	64.32	12.79	1.24	1.00	0.23	BDL (DL-5.0)	BDL (DL-1.0)	ND	0.19	10.47
10/18/2025	4.14	9.15	62.88	27.81	2.11	1.02	0.65	11.0	BDL (DL-1.0)	ND	0.27	12.51
10/19/2025	3.96	8.38	57.78	30.62	2.18	1.38	0.15	7.00	1.00	6.42	0.26	9.36
10/20/2025	5.34	10.75	59.14	31.48	2.26	1.51	0.27	5.00	2.00	6.36	0.30	10.12
10/21/2025	4.14	9.07	58.69	31.18	1.66	1.09	0.07	6.00	4.00	12.98	0.26	13.27
10/22/2025	4.05	9.15	70.77	36.33	1.83	1.21	0.31	BDL (DL-5.0)	1.00	ND	1.33	0.07
10/23/2025	3.88	6.56	61.93	29.68	2.55	1.03	0.14	BDL (DL-5.0)	BDL (DL-1.0)	ND	0.28	0.02
10/24/2025	3.88	8.54	57.32	32.34	1.69	1.16	0.37	BDL (DL-5.0)	BDL (DL-1.0)	ND	0.27	0.05
10/25/2025	2.84	8.46	45.30	21.42	2.73	1.09	0.15	BDL (DL-5.0)	BDL (DL-1.0)	ND	0.22	0.02
10/26/2025	3.88	8.84	60.71	22.43	2.28	1.05	0.24	6.00	BDL (DL-1.0)	ND	0.30	0.97
10/27/2025	3.36	7.16	63.39	32.00	2.60	1.42	0.09	BDL (DL-5.0)	BDL (DL-1.0)	ND	0.23	0.91

ANNEXURE-III													
Date	Regional Office, Una (667)												
	Regulatory Parameters							Metals in PM10			Proposed New Parameters		
	SO2 (ug/m3)	NOx (ug/m3)	PM10 (ug/m3)	PM 2.5 (ug/m3)	O3 ug/m3	NH3 ug/m3	CO mg/m3				Metals/Elements in PM 2.5		
											In ug/m3		
								Pb (ug/m3)	Ni (ng/m3)	As (ng/m3)	Al	Fe	Ba
10/13/2025	2.0	11.3	69.7	33.4	1.1	18.3	0.02	ND	ND	ND	ND	ND	3.71
10/14/2025	2.0	10.5	70.2	30.5	4.9	16.8	0.05	ND	ND	ND	ND	ND	1.96
10/15/2025	2.0	14.4	74.2	35.1	3.6	15.8	0.06	ND	ND	ND	ND	2.7	7.16
10/16/2025	8.1	14.2	64.6	28.4	5.0	16.3	0.06	ND	ND	ND	ND	2.56	14.75
10/17/2025	2.0	10.6	90.9	38.3	6.0	17.8	-	ND	ND	ND	ND	1.99	9.78
10/18/2025	12.1	31.0	67.5	34.9	11.0	19.1	-	ND	ND	ND	ND	1.71	7.85
10/19/2025	12.0	42.1	85.6	47.8	12.4	14.7	-	ND	ND	ND	ND	2.49	3.61
10/20/2025	20.7	45.0	159.5	65.8	19.6	15.2	-	ND	ND	ND	ND	2.06	4.15
10/21/2025	11.1	24.2	101.8	40.0	10.1	16.5	-	ND	ND	ND	ND	1.77	2.29
10/22/2025	8.3	11.7	71.5	24.6	9.0	12.9	-	ND	ND	ND	ND	2.99	1.34
10/23/2025	7.9	7.8	50.2	17.4	8.1	10.6	-	ND	ND	ND	ND	3.27	1.08
10/24/2025	4.7	7.7	61.0	21.7	6.7	9.3	-	ND	ND	ND	ND	1.56	2.96
10/25/2025	6.5	7.8	55.2	18.7	7.1	9.5	-	ND	ND	ND	ND	2.14	0.31
10/26/2025	4.2	8.0	55.1	22.2	8.1	10.0	-	ND	ND	ND	ND	1.56	0.48
10/27/2025	2.0	8.5	58.0	21.0	9.1	9.7	-	ND	ND	ND	ND	1.99	0.4

ANNEXURE-III													
Date	Housing Board, Baddi (563)				MC, Nalagarh (565)				Nehru Park, Manali (670)				
	Regulatory Parameters				Regulatory Parameters				Regulatory Parameters				
	SO2 (ug/m3)	NOx (ug/m3)	PM10 (ug/m3)	PM 2.5 (ug/m3)	SO2 (ug/m3)	NOx (ug/m3)	PM10 (ug/m3)	PM 2.5 (ug/m3)	SO2 (ug/m3)	NOx (ug/m3)	PM10 (ug/m3)	PM 2.5 (ug/m3)	NH3 ug/m3
10/13/2025	2.1	12.9	62.0	29.7	1.7	12.4	53.0	25.0	2.0	4.5	23.2	9.7	2.00
10/14/2025	2.6	12.9	87.3	29.7	1.7	10.5	65.3	20.8	2.0	4.5	23.8	13.6	2.00
10/15/2025	2.6	12.6	95.0	33.3	1.6	12.0	72.3	25.0	2.0	4.5	20.4	9.5	1.00
10/16/2025	2.7	13.7	86.0	29.7	1.7	11.0	70.3	25.0	2.0	4.5	21.3	12.6	2.00
10/17/2025	2.3	13.3	86.0	29.2	1.8	10.9	65.7	25.0	2.0	4.5	24.1	13.1	2.00
10/18/2025	2.2	12.3	81.0	25.5	1.9	11.9	79.3	25.0	2.0	4.5	25.3	13.6	2.00
10/19/2025	2.1	11.3	70.3	25.0	2.1	10.3	66.7	20.8	1.7	12.3	27.6	12.6	1.25
10/20/2025	2.7	13.0	93.7	41.6	1.7	10.9	79.0	25.0	1.2	9.3	62.4	20.9	2.05
10/21/2025	3.2	14.0	98.7	42.5	1.8	11.3	85.3	33.3	1.3	12.4	41.2	16.7	1.00
10/22/2025	2.5	13.1	107.0	45.8	1.9	11.3	89.0	33.3	2.0	4.5	26.1	12.5	1.00
10/23/2025	2.4	11.9	71.7	29.7	1.9	11.3	65.7	25.0	2.0	4.5	21.3	12.6	2.00
10/24/2025	2.6	10.9	70.7	29.2	1.9	11.3	68.0	26.0	2.0	4.5	28.9	9.1	1.00
10/25/2025	2.5	12.5	70.7	29.7	2.3	11.6	62.3	25.0	2.0	4.5	22.5	12.5	1.00
10/26/2025	2.5	12.9	73.3	29.7	2.0	11.2	67.3	24.9	2.0	4.5	23.9	9.1	2.00
10/27/2025	2.3	12.0	78.0	33.3	1.9	11.9	68.7	25.0	2.0	4.5	27.0	12.5	1.00