

**BEFORE THE NATIONAL GREEN TRIBUNAL,  
PRINCIPAL BENCH, NEW DELHI**

**O.A. No. 607/2018**

**IN THE MATTER OF :-**

Vinod Kumar Jangra

..... Applicant

Versus

State of Haryana & Ors.

..... Respondents.

**INDEX**

<b>Sr. No.</b>	<b>Particulars</b>	<b>Annexure</b>	<b>Page No.</b>
1	STATUS REPORT OF JOINT COMMITTEE CONSTITUTED VIDE ORDER DATED 26.10.2021	-	1-5
2	Minute of Meeting vide letter dated 19.01.2022.	Annexure-R1	6-11
3	DFO vide letter dated 15.06.2022	Annexure-R2	12-29
4	DFO vide letter dated 12.01.2023	Annexure-R3	30
5	Analysis Report dated 11.10.2022	Annexure-R4	31-33
6	Status of stone crushing units in District Charkhi Dadri	Annexure-R5	34-47
7	Health Department letter received dated 17.01.2023	Annexure-R6	48
8	Letter from Member of IIT, Delhi dated 04.01.2023.	Annexure-R7	49-50



**Regional Officer,  
Haryana State Pollution Control Board**

**Place : Bhiwani**

**Date : 17.01.2023**

**BEFORE THE NATIONAL GREEN TRIBUNAL,  
PRINCIPAL BENCH, NEW DELHI**

**O.A. No. 607/2018**

**IN THE MATTER OF :-**

Vinod Kumar Jangra

..... Applicant

Versus

State of Haryana &Ors.

..... Respondents

**STATUS REPORT OF JOINT COMMITTEE CONSTITUTED  
VIDE ORDER DATED 26.10.2021**

**MOST RESPECTFULLY SHOWETH :-**

1. That the above mentioned OA is pending before this Hon'ble Tribunal for adjudication and the same is now fixed for 18.01.2023. It is necessary to mentioned here that on the last effective hearing on 26.10.2021 this Hon'ble Tribunal was pleased to issue an order to the effect of the constitution of a Joint committee of CPCB, State PCB, District Magistrate, Charkhi Dadri and Bhiwani, jurisdictional Conservator of Forest, nominee of IIT Delhi who may be expert on the subject of air pollution and a Pulmonologist nominated by DG Health, Haryana meet withintwoweeks and ponder over the issue Relevant portion of the order dated 26.10.2021 is reproduced here for kind perusal :-

*"Let a joint Committee of CPCB, State PCB, District Magistrates Charkhi Dadri and Bhiwani, jurisdictional Conservator of Forest, nominee of IIT Delhi who may be expert on the subject of air pollution and a Pulmonologist nominated by DG Health, Haryana*

*meet within two weeks and ponder over the issue. They may interact with the stakeholders including the representatives of the stone crushers, who may be informed about the proceedings before this Tribunal by the State PCB in coordination with any other concerned authorities in an appropriate manner by e-mail or otherwise. The CPCB and the State PCB will be nodal agency for coordination and compliance. Any expenses to be incurred will be borne by the State PCB subject to further orders. The District Magistrate may provide logistics for execution of the order. The report may be furnished within three months by email by e-mail at [judicial-ngt@gov.in](mailto:judicial-ngt@gov.in) preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF which may be also be uploaded on the website of the State PCB for information of all the 35 affected stone crushers who will be at liberty to file their comments, if any, to the report before this Tribunal within 15 days of uploading of the report."*

2. That in compliance of the order dated 26.10.2021 of this Hon'ble National Green Tribunal; a meeting was held on 28.12.2021 at the office of Deputy Commissioner, Charkhi Dadri which was attended by the representative of the CPCB, IIT New Delhi and other concerned Department of the state. The copy of letter dated 19.01.2022 whereby minutes of meeting dated 28.12.2021 were circulated, is annexed herewith as **Annexure R-1**.
3. That Further, Division Forest Officer, Charkhi Dadri vide its letter dated 15.06.2022 & 12.01.2023 has submitted the status of plantation at stone crushers and stone crushing zone. A copy of letter dated 15.06.2022 and letter dated 12.01.2023 are annexed herewith as **Annexure R-2** and **Annexure R-3**.
4. That ambient air quality was monitored by joint team of IIT, Delhi and HSPCB at three locations of stone crushing zone in District Charkhi Dadri i.e. Birhi Kalan zone, Kheri Batter and Pichopa zone by collecting the sample on 04.10.2022 with the help of manual AAQ monitoring machines and analysing the same from 06.10.2022 to 11.10.2022. The analysis report dated 11.10.2022 of three locations are annexed herewith as **Annexure R-4 (Colly)**.

5. That Status of stone crusher in District Charkhi Dadri is annexed herewith as **Annexure R-5 (Colly)**. Total nos. of stone crusher **343** out of which **270** nos. are granted, **47** nos. are dismantled and **12** nos. are closed by its own and 14 nos. non complying units closed by Board.
6. That HSPCB has installed 03 Nos. of manual air ambient quality monitoring stations in District Charkhi Dadri near stone crushing zone.
7. That District Administrative is in process for paving the roads in and around the stone crushing zones. The water sprinkling is being done regularly. That to control the dust emission due to vehicular movement, tankers fitted with sprinklers have been deployed by the stone crusher Association in the stone crushing zones.
8. That to improve the condition of road infrastructure to the stone crushing zone following projects have been approved by the District MF in its meeting held on 22.12.2022:-

Sr. No	Name of Project	Sanctioned Amount in Rs. Lakh	Executing Agency
1	Village- Pichopa Approach road (4.2 KM)	300.00	XEN, PWD (B&R), Charkhi Dadri
2	Construction of Central Verge in Jhojhu Village (0.95 KM)	5.00	
3	Construction of Kaliyana Bye pass to Mehra Village	150.00	
4	Construction to Mehra to Kheri Battar-Jhojhu road (upto Gitanjali School to Kheri Batter to Kalyana Road)	200.00	
5	Construction of firmi of village kheri Batter (RCC) for crossing of Heavy vehicles	125.00	
6	Repair of road from Dadri to Jhojhu via Kalyana with heavy patch work and hard shouldering of road	25.00	
7.	Dismantling and relaying of CC blocks in village portions and in causeway on Dadri-kalyana road	24.00	
8	Construction of balance length of road from Kalyana road to kalali school	35.00	

9. That Health Department has informed vide its letter dated 17.01.2023 that health survey camps were organized in 03 Nos. Crushing zones under the leadership of Dr. Rashmi Arora, Pulmonologist nominated by DG Health, Haryana & 122 workers were screened and tested for various respiratory as well as non communicable diseases. Copy enclosed as **Annexure-R/6**
10. That it is worthwhile to mention here beside, the above mentioned effective steps a detailed report after considering all the facts and conducting the study at the field has been prepared by Ld. Professor Sagnik Dey, one of the member of joint committee constituted by this Hon'ble Tribunal. Copy of Letter dated 04.01.2023 of the Member from IIT, Delhi is annexed herewith as **Annexure-R/7**. On the basis of the study the actions have been suggested by him, which are required to minimize the impact of PM on the environment. The relevant portion of the report is reproduced here under :-
- 1) *We notice that  $PM_{10}$  were very high during the monitoring time. Long-term monitoring of  $PM_{10}$  and  $PM_{2.5}$  are required regularly inside the crusher zone, so that reliable data can be established for operating and non-operating periods.*
  - 2) *Dispersion modelling needs to be carried out to estimate the dispersion of PM generated by the crushing units in contrasting meteorological conditions. Carrying capacity analysis will allow us to generate data to decide on the optimum number of units based on the meteorological conditions.*
  - 3) *Whenever the  $PM_{10}$  values exceed 'high' levels, the number of running crusher units needs to be reduced and the operating period should be shortened.*
  - 4) *Movement of heavy- duty vehicles need to be restricted while crushers are running. Specific timing should be allotted to transport material from crusher zones while the crusher units entirely shut down.*
  - 5) *In the winter, local activities like wood fires and the burning of angithi etc. should not permitted or need to reduce.*

In view of the above the required measures on the part of district administration and concerns departments will be taken as per the recommendation of the joint committee from time to time.



**Regional  
officer,  
Bhiwani  
Region**

*Sagnik Dey*

**Nominee of IIT**

**New Delhi**

**Regional Director,**

**Zonal Office,  
CPCB, Chandigarh**



**Pulmonologist**

**O/o Civil  
Hospital,  
Bhiwani**

**Chief  
Conservator  
Of Forest  
Western, Div.  
Hisar**



**Mining Officer,**

**Bhiwani**



**Deputy  
Commissioner,  
Charkhi Dadri**



## Regional Office

**Haryana State Pollution Control Board,**

SCF-32, Opp. Community Centre, Sector-13, HSVP, Bhiwani

**Email-hspcbrojr@gmail.com**

No. HSPCB/BHI/2022/2361-67

Dated: 19 / 01 /2022

To

1. Dr. Sunil Dave, Regional Director, O/o Zonal Office, CPCB, Chandigarh
2. Dr. Sagnik, CAS, IIT, New Delhi
3. The Deputy Commissioner, Charkhi Dadri
4. The Mining Officer, Nominee of Deputy Commissioner, Bhiwani
5. The CMO, Charkhi Dadri
6. Sh. Atul Sirsikar, IFS, Chief Conservator of Forests, Western Div., Hisar
7. District Forest Officer, Charkhi Dadri

**Sub: Minutes of the meeting held on dated 28.12.2021 at DC Office, Charkhi Dadri in compliance of Hon'ble NGT order dated 26.10.2021 in OA No. 607 of 2018 titled as Vinod Kumar Jangra Vs State of Haryana & Ors.**

In this connection, please find enclosed herewith the Minutes of the meeting held on dated 28.12.2021 at DC Office, Charkhi Dadri in compliance of Hon'ble NGT order dated 26.10.2021 in OA No. 607 of 2018 titled as Vinod Kumar Jangra Vs State of Haryana & Ors.

It is submitted for your kind information and further necessary action please.

Rakesh Kumar Bhonsle  
Digitally signed by Rakesh Kumar Bhonsle  
Date: 2022.01.19 10:53:12 +05'30'  
Regional Officer,  
Bhiwani Region

Enst. No. HSPCB/BHI/2022/2368

Dated: 19.01.2022

A copy of above is forwarded to the Member Secretary, Haryana State Pollution Control Board, Panchkula for information please

Rakesh Kumar Bhonsle  
Digitally signed by Rakesh Kumar Bhonsle  
Date: 2022.01.19 10:53:33 +05'30'  
Regional Officer,  
Bhiwani Region

**Minutes of the meeting held on dated 28.12.2021 at DC Office, Charkhi Dadri in compliance of Hon'ble NGT order dated 26.10.2021 in OA No. 607 of 2018 titled as Vinod Kumar Jangra Vs State of Haryana & Ors.**

The matter regarding remedial action for enforcement of environmental norms under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 (central Act 14 of 1981) and the Water (Prevention & Control of Pollution) Act, 1974 (central Act 6 of 1974) by the stone crushers in District Charkhi Dadri, Haryana, which are source of air pollution in the area, is pending before the Hon'ble National green tribunal in terms of OA No. 607 of 2018 in the matter of Vinod Kumar Jangra Vs state of Haryana & Others.

The Hon'ble National Green Tribunal in its order dated 26.10.2021 in OA NO. 607 of 2018 in the matter of Vinod Janra Vs State of Haryana & ors has, which is reproduced as under:-

*"Let a joint Committee of CPCB, State PCB, District Magistrates Charkhi Dadri and Bhiwani, jurisdictional Conservator of Forest, nominee of IIT Delhi who may be expert on the subject of air pollution and a Pulmonologist nominated by DG Health, Haryana meet within two weeks and ponder over the issue. They may interact with the stake holders including the representatives of the stone crushers, who may be informed about the proceedings before this Tribunal by the State PCB in coordination with any other concerned authorities in an appropriate manner by e-mail or otherwise. The CPCB and the State PCB will be nodal agency for coordination and compliance. Any expenses to be incurred will be borne by the State PCB subject to further orders. The District Magistrate may provide logistics for execution of the order. The report may be furnished within three months by email by e-mail at [judicial-ngt@gov.in](mailto:judicial-ngt@gov.in) preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF which may be also be uploaded on the website of the State PCB for information of all the affected stone crushers who will be at liberty to file their comments, if any, to the report before this Tribunal within 15 days of uploading of the report"*

Therefore, In compliance of the order dated 26.10.2021 passed by Hon'ble NGT in the matter of OA No. 607 of 2018 titled as Vinod Kumar Jangra Vs State of Haryana & Ors, the meeting of the committee members has been held on 28.12.2021 at 01:00 PM in DC Office, Charkhi Dadri. The following officers were present in the meeting

Sr. No.	Name of officer & Designation	Name of Department
1	Dr. Sunil Dave, Regional Director	CPCB O/o Zonal Office, CPCB, Chandigarh
2	Prof. Sagnik Dey	(CAS), IIT, New Delhi
3	Sh. Bhupinder Singh,	Mining officer (Nominee of DC, Bhiwani)
4	Sh. Dalip Singh,	DFO
5	Dr. Ankur	Health Department (Representative of Health Department)
6	Sh. Ravi	Hydrologist
7	Sh. Rakesh Kumar Bhonsle	HSPCB, Bhiwani
8	Sh. Aparnesh Kumar, Sc-B	HSPCB, Bhiwani
9.	Sh. Amit Maan, (HCS),	CTM, Charkhi Dadri
10	Sh. Pardeep Godara, (IAS)	DC, Charkhi Dadri

The attendance sheet is enclosed herewith as **Annexure-1**

**The minutes of the meeting are as under:-**

At the very outset of the meeting the Regional officer of HSPCB, Bhiwani welcomed all the committee members constituted by Hon'ble NGT and officers of the stake holder departments. Thereafter, he briefed about the history of case pending before on Hon'ble NGT. After detail deliberation on the issues the following decisions were taken :-

- Being the negative carrying capacity of the area, it is therefore proposed to evaluate the each and every stone crushing units on the basis of the notification issued dated 11.05.2016 and pollution control measures required to be adapted by stone crushing units besides compliance of dust emission achieved.
- The sequence of exercise would therefore be:

- a. Divisional Forest Officer may verify the green belts developed by stone crushing units as proposed and approved.
  - b. The Committee may verify the other part of as mentioned 2 above only for stone crushing units that found provided the required green belts.
  - c. In case the units are found to have provided the required green belts and also have placed the required dust control measures thence emission monitoring be carried out by HSPCB in consultation with the Committee.
  - d. The status so arrived would be subjected for evacuation based on the formulae suggested and considered by the Tribunal.
  - e. The above exercise would determine the number and what stone crushing units be allowed considering the ambient air quality specifically using satellite imagery. Experts drawn from IIT DELHI in the Committee, may provide inputs in the matter
- The Prof. Sagnik Dey, Centre for Atmospheric Sciences (CAS), IIT, New Delhi has suggested that the Continuous Ambient Air Quality Monitoring station/sensor are required to be installed at suitable locations in the crushing zone. The suitable locations shall be suggested by Dr. Sangik Dey. After getting the GPS location of all the stone crushers from Regional officer, HSPCB, Bhiwani.
  - Regional office, Haryana State Pollution Control Board shall direct to all stone crusher units to provide the compliance status of their respective units w.r.t. installation of pollution control devices as per notification dated 11.05.2016
  - Number of stone crushers to be permitted may have to be suitably reduced to maintain adequate distance inter-se, as per formula suggested in above report of the Expert Committee which is reproduced below:-
 

"(II) Considering the stone dust settlement behavior, the inter-se distance between two stone crushing units may be kept as:

$$d=(h_1*N. +h_2*p_2)/100$$

Where, d=inter-se distance between two stone crushing pi & p2 = production capacity for unit 1 & 2, respectively (in MTD)

- The District Administration may also undertake paving the roads in and around the crushing area and in addition water sprinkling on regular basis in the interest of public health of the citizens affected by the air pollution generated in the process.
- The six member committee conduct the inspection of stone crushing zones in the month of Jan, 2022.
- As report to the filed by Regional office, Bhiwani reporting the operating stone crushers district Bhiwani at many places apart from Charkhi Dadri. In this regard the Regional officer, clarified during the discussion that all the stone crushers mentioned in the list/status report filled on dated 27.09.2021 are existing in district Charkhi Dadri only. However, in few cases the name of district has been inadvertently mentioned as district Bhiwani because earlier Tehsil Charkhi Dadri(now formed district Charkhi Dadri) was part of district Bhiwani and the stone crushing units did not change their address in the online portal of HSPCB.

However, as regards the existing of stone crushers in district Bhiwani is concerned the same are situated at the distance of approximately 50-60 kms from district Charkhi Dadri & may not have any adverse effect on the ambient air quality of District Charkhi Dadri.

Moreover, the present OA No. 607/2018 is regarding the environmental pollution caused by the stone crushers of district Charkhi Dadri only.

- Since the carrying capacity of district Charkhi Dadri has been reported to be negative and the following are the measure sources of pollution in the region
  - A. Dust emission from the stone crushing and mining activities.
  - B. Re-suspended dust emission from vehicular movement from approach roads and haulage roads within the stone crushing zones.
  - C. Vehicular emissions
  - D. Emissions from brick kiln units
  - E. other sources such as DG Sets, domestic etc.

In order to improve the ambient air quality / carrying capacity of the area, the committee member after deliberation suggested that the stone crushing units shall be operated in two shifts of 10 hrs. each and a break of 02 hrs. be given after each shifts.

The number of stone crushers in each shift shall be decided considering the following formula suggested by the CPCB

$$d = \frac{h_1 \cdot N_1 + h_2 \cdot p_2}{100}$$

Where, d=inter-se distance between two stone crushing pi & p2 = production capacity for unit 1 & 2, respectively (in MTD)

- The matter of dismantled stone crushers was also discussed during the meeting and decision is required to be taken in this regard. Whether, dismantled stone crushers can be allowed to operate or not. There are 46 nos. stone crushers which are reported as dismantled stone crushers though all these stone crushers were established and operated obtaining prior CTE and CTO from the Board previously.

Regional Officer  
HSPCB, Bhiwani Region





**FOREST DEPARTMENT GOVT. OF HARYANA**  
**O/o Divisional Forest Officer, Ch. Dadri**

Rohtak Road, Charkhi Dadri, Tel. No. 01250-297241, E-mail:-dfocharkhidadri@gmail.com

क्रमांक / 389  
 सेवा में

दिनांक / 15-06-2022

Regional Officer,  
 Bhiwani Region

विषय : Regarding the minutes of the meeting held on dated 28.12.2021 at DC Office, Charkhi Dadri in compliance of Hon'ble NGT order dated 26-10-2021 in OA No. 607 of 2018 titled as Vinod Kumar Jangra Vs State of Haryana & Ors.

—00—

उपरोक्त विषय के सम्बन्ध में दादरी वन मण्डल में स्टोन क्रेशर क पौधारोपण प्लान को वैरिफाई किया गया है, जिनकी सूची साथ संलग्न है। 339 स्टोन क्रेशरों में से 251 स्टोन क्रेशर ने Plantation Plan लिया हुआ है। स्टोन क्रेशर मालिको को हिदायते दी गई हैं कि आगामी वर्षा ऋतु में चौड़े पतेदार पौधे लगाये जैसे पिलखण, पीपल, पापड़ी पहाड़ी पापड़ी, अर्जुन, ढाक, तथा जहां पर क्षारिय व अम्लीय भूमि है वहां फास, दालमोठ, अर्जुन व जहां पानी की सतह उपर है वहां अर्जुन, जामुन आदि की प्रजाति के पौधे लगाये। अभी वर्षा ऋतु से पहले पौधे लगाने से पहले 60X60X60cm का गड्ढा खोदकर उसमें गोबर की गली सड़ी खाद, डी0ए0पी0 व उच्च किस्म की मिट्टी लेकर गड्ढों में भरें व जिप्सम का प्रयोग करें। पौधारोपण की स्पेसिंग 4X5 मीटर की होनी चाहिए। स्टोन क्रेशरों पर पौधारोपण उपलब्ध जगह अनुसार करवाया गया है। स्टोन क्रेशर मालिक को चारों तरफ पौधारोपण करने की हिदायते दी गई है, जिसमें काफी स्टोन क्रेशरों द्वारा जगह अनुसार चारों तरफ पौधे लगाने का प्रयास किया गया है। परन्तु चारों तरफ नहीं है। जहां अम्लीय व क्षारिय भूमि है उसमें गड्ढे की गहराई 01 मीटर करके मिट्टी निकालकर अच्छी किस्म की मिट्टी, बालू मिट्टी, जिप्सम गली-सड़ी खाद का मिश्रण गड्ढे में डालकर पौधारोपण करें तथा पौधों में नहरी पानी का प्रयोग करें। पौधारोपण में जरूरत अनुसार पानी देने व उसके बाद निरन्तर अन्तराल पर निराई गुड़ाई करते रहे। समय-समय पर पौधों के पत्तों की धूल फव्वारे से हटाते रहें। भीषण गर्मी के कारण छोटे पौधों का नुकसान पाया गया है। इसलिये वर्षा ऋतु में 5-6 फीट के पौधे लगाने बारे निर्देश दिये गये हैं।

वन मण्डल अधिकारी,  
 चरखी दादरी।

पृ० क्रमांक :

दिनांक :

इसकी एक प्रति मुख्य वन संरक्षक, पश्चिमी परिमण्डल, हरियाणा, हिसार को सूचनार्थ एवं आगामी आवश्यक कार्यवाही हेतु प्रेषित है।

वन मण्डल अधिकारी,  
 चरखी दादरी।

List of Stone Crusher of District Charkhi Dadri						
Sr. No.	Village	Name of Stone Crusher & Address of the unit	Siting Parameter	No of Plants According Plantation Plan	Total No of Plants During verification	Particular
1	Atela Kalan	Ajanta Stone Crusher, Vill. Atela Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
2	Kaliyana	Balaji Stone Crusher, VPO Kaliyana, Charkhi Dadri	Ok	450	92	
3	Pandwan	Goyat Stone Crusher, Village Pandwan Chakrhi Dadri	Ok	Plantation Plan Not Obtained		
4	Ramalwas	JAI BHAWANI STONE CRUSHER, RAMALWAS, Charkhi Dadri	Not Ok	300	85	siting parameter is lesser than the required distance.
5	Pandwan	Jyoti Stone Crushers Village Pandwan Charkhi Dadri	Ok	350-400		
6	Kaliyana	LUCKY MINERALS U II KHASARA NO - 28/5/26/14/2/27, VILL - KALIYANA, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
7	Kaliyana	Lucky Minerals Unit III 28/13 14 Vill: Kalyana, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
8	Kaliyana	Lucky Minerals Unit-I Khasra No. 28/3/2,4/2/2,7,8 Village : Kalyana Charkhi Dadri	Ok	Plantation Plan Not Obtained		
9	Mankawas	Maha Laxmi Stone Mills, Vill Mankawas, Charkhi Dadri	Ok	200-250	192	
10	Kheri Batter	New Baba Pir Stone Crusher, Kheri Battar, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
11	Ramalwas	Pokhar Stone Crusher, Vill. Ramalwas, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
12	Pichopa Kalan	Shivji Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Ok	580	530	
13	Mankawas	Shree Ram Stone Crusher, Vill. Mankawas, Charkhi Dadri	Ok	100-150	Closed	
14	Jhojhu Kalan	Shree Shyam Stone Crusher Village Jhojhu Kalan, Charkhi Dadri	Ok	265	148	
15	Jhojhu Kalan	Shri Ram Stone Crusher, Village Jhoju Kalan, Charkhi Dadri	Ok	300	180	
16	Mankawas	Suraj Stone Crushing CO., Village Mankawas, Charkhi Dadri	Ok	100-150	70	
17	Pichopa Kalan	Dada shakti Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Ok	320	305	
18	Pichopa Kalan	Gau Mata Stone Crusher, Pichopa Kalan, Charkhi Dadri	Ok	487	420	
19	Kheri Batter	Jai Ambey stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Ok	320	Closed	

20	Jhojhu Kalan	Bhawani Stone Crusher, Village Jhojhu Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
21	Kaliyana	Baba Shyam Stone Crusher, Village Kaliyana, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
22	Asawari	Chander Bhan Stone Crusher, Village Asawari, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
23	Asawari	Dosti Stone Crusher, Village Asawari, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
24	Kheri Batter	JAI SHIV SHANKAR STONE CRUSHER VPO KHERI BATTAR Charkhi Dadri	Ok	Plantation Plan Not Obtained		
25	Kheri Batter	Laxmi Stone Crusher, Village Kheri Battar, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
26	Kheri Batter	New Era Solutions Pvt. Ltd. Village Kheri Battar, Charkhi Dadri New Name Metro Stone Crusher	Ok	Plantation Plan Not Obtained		
27	Kheri Batter	New Sunrise Stone Crusher, Village Kheri Battar, Tehsil Charkhi Dadri	Ok	Plantation Plan Not Obtained		
28	Pichopa Kalan	Omkara Mines and Crushers, Village Pichopa Kalan, Charkhi Dadri	Ok	280	230	
29	Asawari	Peer Baba Stone Crusher, Village Asawari, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
30	Kheri Batter	Shanker Stone Crusher, Village Kheri Batter, Tehsil Charkhi Dadri	Ok	Plantation Plan Not Obtained		
31	Kheri Batter	Shivam Stone Crusher, Village Kheri Battar, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
32	Ramalwas	Shree Shyam Grit Udyog Vill-Ramalwas, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
33	Kheri Batter	Shree Shyam Stone Crusher Village Kheri Battar Charkhi Dadri	Ok	400	128	
34	Ramalwas	Sohna Stone Crusher, Village Ramalwas, Charkhi Dadri	Ok	340	290	
35	Kheri Batter	Vishnu Stone Crusher, Kheri Batter, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
36	Kheri Batter	Aravali Hills Stone Crusher, Village Kheri Battar, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
37	Mankawas	Baba Hanuman Stone Crusher, Village Mankawas, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
38	Kaliyana	Baba Stone Crusher-1, Village Kaliyana, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
39	Kheri Batter	Bijender Singh Quarry Contractor Stone Crusher Village Kheri Battar Charkhi Dadri	Ok	Plantation Plan Not Obtained		
40	Kheri Batter	Bijender Singh Stone Crusher, Kheri Battar, Charkhi Dadri	Ok	350	150	

41	Kheri Batter	DCC Stone Crusher, Kheri Batter, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
42	Kheri Batter	Hanuman Stone Crusher, Vill Kheri Battar, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
43	Asawari	Hari Dass Stone Crusher Vill. Asawari Charkhi Dadri	Ok	Plantation Plan Not Obtained		
44	Kheri Batter	Himalya Stone Crusher, Village Kheri Battar, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
45	Birhi kalan	Jai Baba Jamna Giri Stone Crusher, Vill. Birhi Kalan, Charkhi Dadri	Ok	348	250	
46	Pichopa Kalan	Jai Baba Thakur Dass Stone Crusher Village Pichopa Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
47	Kheri Batter	Jai Hanuman Stone Crusher, Village Kheri Batter, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
48	Mehra	Jai Parkash Associates Ltd., Village Mehra, Khasra No. 78//3 (2K-0M), Charkhi Dadri	Ok	Plantation Plan Not Obtained		
49	Mehra	Jai Parkash Associates Ltd., Village Mehra, Khasra No. 78//3 (8K-0M), Charkhi Dadri	Ok	Plantation Plan Not Obtained		
50	Mehra	Jai Parkash Associates Ltd., Village Mehra, Khasra No. 89//0, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
51	Mehra	Jai Parkash Associates Ltd., Village Mehra, Khasra No. 89//1, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
52	Tiwala	Kundu Construction CO., Village Tiwala, Charkhi Dadri (New SC Super White SC)	Ok	Plantation Plan Not Obtained		
53	Mankawas	Mahadev Stone Crusher, Village Mankawas, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
54	Jhojhu Kalan	Mahadev Stone Crushing Co., Village Jhojhu Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
55	tikan khurd	Mahan Stone Crusher, Tikan Khurd, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
56	Mankawas	Maruti Stone Crusher, Pandwan Charkhi Dadri (Old Name M/s Maruti Stone Crusher, Village Mankawas, Charkhi Dadri)	Ok	Plantation Plan Not Obtained		
57	Birhi kalan	N K Builders & Stone Crusher Vill-Birhi Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
58	Kheri Batter	Nihal Stone Crusher, Village Khei Battar, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
59	Kheri Batter	OmPati Stone Crusher Co., VPO Kheri Batter Charkhi Dadri	Ok	Plantation Plan Not Obtained		

60	Birhi Kalan	Rapid Stone Crusher Vill- Birhi Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
61	Pandwan	Rattan Stone Crusher, Village Pandwan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
62	Jhojhu Kalan	Shree Balaji Stone Crushing Co. Village Jhojhu Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
63	Kheri Batter	Shree Laxmi Stone Crusher, Kheri Battar, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
64	Asawari	Vijay Stone Crusher, Village Asawari, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
65	Kaliyana	Darshana Stone Crusher, Vill. Kaliyana, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
66	Jhojhu Kalan	Dev Dahiya Stone Crusher, Village Jhoju Kala Charkhi Dadri	Ok	Plantation Plan Not Obtained		
67	Jhojhu Kalan	Himalya Stone Crusher Village Jhojhu Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
68	Pichopa Kalan	Sajjan Singh Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
69	Jhojhu Kalan	Shanker Stone Crusher, Village Jhojhu Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
70	Jhojhu Kalan	Shiva Stone Crushing Mills, Village Jhojhu Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
71	Pichopa Kalan	Shree Balaji Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
72	Kheri Batter	Shree Luxmi Stone Crushing Co., -II, Village Kheri Battar, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
73	Pichopa Kalan	Surender Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
74	Jhojhu Kalan	Trimbakeshwar Stone Crusher, Village Jhojhu Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
75	Pichopa Kalan	Triupati Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
76	Jhojhu Kalan	Vishwakarma Stone Crusher, Village Jhoju Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
77	Pichopa Kalan	Dev Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
78	Kheri Batter	Hari Dass Grit udyog , Village Kheri Battar, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
79	Kheri Batter	KSC BUILDCON PVT LTD VILLAGE KHERI BATTAR, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
80	Kaliyana	Maha Dev Stone Crusher Village Kaliyana , Charkhi Dadri	Ok	Plantation Plan Not Obtained		

81	Mehra	R. K. Carriers India Private Limited, Village Mehrda Charkhi Dadri	Ok	Plantation Plan Not Obtained		
82	Kheri Batter	Shiv Stone Crusher, Village Kheri Battar, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
83	Kheri Batter	Shree Ganesh Crusher Udyog, Village Kheri Battar, Charkhi Dadri	Ok	315	80	
84	Asawari	Shree Ganesh Stone Crusher, Village Asawari, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
85	Kheri Batter	Abhishek Stone Crusher, Village Kheri Batter, Charkhi Dadri	Ok	360	332	
86	Kaliyana	Alpha Stone Crusher Vill-Kaliyana, Charkhi Dadri	Ok	310	220	
87	Kheri Batter	Amarnath Stone Crusher Vill-Kheri Battar, Distt Charkhi Dadri	Ok	400	297	
88	Kheri Batter	Anjani Stone Crusher, VPO Kheri Battar, Charkhi Dadri	Ok	310	75	
89	Kheri Batter	ANUP STONE CRUSHER NO 1, VILLAGE KHERI BATTAR, Charkhi Dadri	Ok	500	340	
90	Kheri Batter	Anup Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Ok	400	650	
91	Jhojhu Kalan	Arya Stone Crusher (16BH13361876) Ramalwas, Jhojhu Kalan, Charkhi Dadri	Ok	350	360	
92	Asawari	Asawari Stone Crushing Co., Vill-Asawari Tehsil & Charkhi Dadri	Ok	785	535	
93	Mankawas	Ashoka Stone Crusher, Vill. Mankawas, Charkhi Dadri	Ok	230-240	166	
94	Mankawas	Ashu Stone Crusher Vill. Manakawas, Charkhi Dadri	Ok	180-220	80	
95	Jhojhu Kalan	Avtar & Company Stone Crusher, Village jhojhu Kalan, Charkhi Dadri	Ok	300	245	
96	Jhojhu Kalan	Baba Hanuman Minerals Vill-Jhojhu Kalan, Charkhi Dadri	Ok	360	300	
97	Birhi kalan	Baba Hari Dass Stone Crushing Co Vill-Birhi Kalan, Charkhi Dadri	Ok	310	190	
98	Birhi kalan	Baba Raghu Nath Stone Crusher Vill-Birhi Kalan, Charkhi Dadri	Ok	310	250	
99	Kaliyana	Baba Ramdass Stone Crusher Village Kaliyana, Charkhi Dadri	Ok	250	281	
100	Jhojhu Kalan	Baba Shyam Crushing Co Vill Jhojhu Kalan, Charkhi Dadri	Ok	425	285	
101	Pandwan	Bala Ji Stone Crusher, Vill. Pandwan, Charkhi Dadri	Ok	305	182	
102	Birhi kalan	Balaji Stone Crusher, Village Birhi Kalan, Charkhi Dadri	Ok	402	660	

103	Kalali	Baljit Stone Crusher Vill-Kalali, Distt Charkhi Dadri	Ok	300	260	
104	Kheri Batter	Baniwal Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Ok	300	Closed	
105	Kheri Batter	Bhagwati Stone Crusher, Vill, Kheri Battar, Charkhi Dadri	Ok	355	255	
106	Ramalwas	Bhai Ji Stone Crusher Village Rmalwas, Charkhi Dadri	Ok	274	325	
107	Kheri Batter	Bhartho Devi Stone Crushe, Village Kheri Batter, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
108	Kaliyana	Bhavishay Stone Crusher Village Kaliyana, Charkhi Dadri	Ok	400	301	
109	Kheri Batter	Caps Tradelink Pvt. Ltd., Kheri Batter, Charkhi Dadri	Ok	400	310	
110	Asawari	Chander Mukhi Stone Crusher, Kila/Khasra No. 102//23 & 104//3/1, Asawari, Patwari Halka 83, Charkhi Dadri	Ok	400	420	
111	Pandwan	Chander Stone Crusher, Village Pandwan, Charkhi Dadri	Ok	721-800	173	
112	Mankawas	Chaubisi Stone Crusher, Village Mankawas, Tehsil Chakrhi Dadri	Ok	300	110	
113	Birhi kalan	Chaudhary Stone Crusher Vill-Birhi Kalan, Distt Charkhi Dadri	Ok	214	172	
114	Atela Kalan	Chetna Stone Crusher, Village Atela Kalan, Charkhi Dadri	Ok	400	960	
115	Birhi kalan	Chirag Stone Crusher, Village Birhi Kalan, Charkhi Dadri	Ok	415	325	
116	Kaliyana	Choudhary Construction Company, Village Kaliyana, Charkhi Dadri	Ok	400	382	
117	Kheri Batter	Choudhary Stone Crusher, Village Kheri Batter, Charkhi Dadri	Ok	350	220	
118	Kheri Batter	Classic Mobile Stone Crusher Village Kheri Battar Charkhi Dadri	Ok	306	235	
119	Kheri Batter	Dada Dhola Stone Crusher, Village Kheri Batter, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
120	Mankawas	Dada Gosai Stone Crushing Mills, Mankawas, Charkhi Dadri	Ok	170-200	Closed	
121	Kheri Batter	Dada Ram Prasad Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Ok	400	415	
122	Birhi kalan	Dada Shakti Stone Crusher Vill-Birhi Kalan, Charkhi Dadri	Ok	350	240	
123	Pichopa Kalan	Dharampal Stone Crusher, pichopa Kalan, Charkhi Dadri	Ok	420	300	

124	Mankawas	Jai Shree Ram Stone Crusher Village Manakawas Charkhi Dadri	Ok	100-150	198	
125	Kheri Batter	Jai Shree Shyam Stone Crusher. Village Kheri Batter, Charkhi Dadri	Ok	410	360	
126	Pichopa Kalan	Mahadev grit udyog PICHOPA KALAN Charkhi Dadri	Ok	350	380	
127	Jhojhu Kalan	Murliwala Stone Crushing Mills, Vill. Jhojhu Kalna, Charkhi Dadri	Ok	320	240	
128	Kheri Batter	Dada Stone Crusher, Village Kheri Battar, Tehsil Charkhi Dadri	Ok	380	225	
129	Mankawas	Dadri Stone Crusher Village Manakawas Tehsil Charkhi Dadri	Ok	220	205	
130	tiwala	Dalawas Stone Crusher, Vill Tiwala, Charkhi Dadri	Ok	400	46	
131	Mankawas	Delhi Stone Crusher, Village Mankawas, charkhi Dadri	Ok	Plantation Plan Not Obtained		
132	Kheri Batter	Dev Stone Crusher, Village Kheri Battar, Charkhi Dadri	Ok	230	142	
133	Kheri Batter	Dhankaur Stone Crusher, Village Kheri Batter, Charkhi Dadri	Ok	150-300	125	
134	Kalali	Dhanluxmi Stone Crusher, Kalali, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
135	Kaliyana	Durga Stone Crusher Mills, Village Kaliyana, Charkhi Dadri	Ok	350	55	
136	Pichopa Kalan	Durga Stone Crusher, Vill-Pichopa Kalan, Charkhi Dadri	Ok	419	410	
137	Kheri Batter	Ekta Stone Crusher Village kheri Battar, Charkhi Dadri	Ok	300	210	
138	Mankawas	Gawar Construction Ltd., Village Mankawas, Charkhi Dadri	Ok	500-550	192	
139	Birhi kalan	Gitesh Stone Crusher Vill-Birhi Kalan, Distt Charkhi Dadri	Ok	182	210	
140	Kheri Batter	Gohana Stone Crusher, Village Kheri Batter, Charkhi Dadri	Ok	400	340	
141	Pichopa Kalan	Hanuman Infrastructure Pvt. Ltd., Village Pichopa Kalan, Charkhi Dadri	Not Ok	340	550	siting parameter is lesser than the required distance.
142	Pichopa Kalan	Hari Om Stone Crusher Pichopa Kalan , Charkhi Dadri	Ok	380	240	
143	Asawari	Haryana Stone Crusher, Village Asawari, Charkhi Dadri,	Ok	290	142	
144	Tiwala	Haryana Stone Crusher, Village Tiwala, Tehsil Charkhi Dadri	Ok	310	Closed	
145	Jhojhu Kalan	Indian Stone Crusher, Jhojhu Kalan, Charkhi Dadri	Ok	350	252	

146	Birhi kalan	Jagdish Pahal Stone Crusher Village Birhi Kalan Charkhi Dadri	Ok	313	330	
147	Birhi kalan	Jai Baba Jamna Giri Stone Crusher, Vill. Birhi Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
148	Pandwan	jai baba mungipa stone crusher, pandwan , charkhi dadri	Ok	300	190	
149	Birhi kalan	New Rapid Stone Crusher old Name Jai baba Shyam Stone Crusher, Birhi kalan, Charkhi Dadri	Ok	306	280	
150	Kheri Batter	Jai Baba Sita Nath Stone Crusher, Vill. Kheri Battar, charkhi Dadri	Ok	370	250	
151	Kheri Batter	Jai Baba Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Ok	400	255	
152	Mankawas	Jai Bajrang Bali Stone Crusher, Village Mankawas, Charkhi Dadri	Ok	250-300	210	
153	Ramalwas	Jai Bajrang Bali Stone Crusher, Village Ramlawas, Charkhi Dadri	Ok	350	410	
154	Kheri Batter	Jai Bajrangbali Stone Crusher, Village kheri Batter, Charkhi Dadri	Ok	490	352	
155	Mankawas	Jai Balaji Stone Crusher, Vill. Mankawas Charkhi Dadri	Ok	250-350	211	
156	Birhi kalan	Jai Dada Budha Stone Crusher, Village Birhi Kalan, Charkhi Dadri	Ok	609	405	
157	Kheri Batter	Jai Durga Stone Crusher, Vill. Kheri Battar, Ch.Dadri	Ok	340	215	
158	Pandwan	JAI HANUMAN STORE CRUSHER VILLAGE PANDWAN Charkhi Dadri	Ok	250-280	156	
159	Birhi kalan	Jai Hind Stone Crushing Co., Village Birhi Kalan, Charkhi Dadri	Ok	250	170	
160	Kheri Batter	Jai Mahadev Stone Crusher, Kheri Batter, Charkhi Dadri	Ok	350	320	
161	Kalali	JAI MATA DI STONE CRUSHER village Kalali, Charkhi Dadri	Ok	380	250	
162	Birhi kalan	Jai Mata Di Stone Crusher, Village Birhi Kala, Charkhi Dadri	Ok	395	470	
163	Kheri Batter	Jai Shree Ganesh Stone Crusher Vill-Kheri Battar, Charkhi Dadri	Ok	300	270	
164	Pichopa Kalan	Pardhan Stone Crusher Village Pichopa Kala Charkhi Dadri	Ok	350	370	
165	Kheri Batter	Jai Shree Ram Stone Crusher, Village Kheri Battar, Charkhi Dadri	Ok	Plantation Plan Not Obtained	155	
166	Jhojhu Kalan	Jai Shree Shyam Stone Crusher Vill-Jhojhu Kalan, Charkhi Dadri	Ok	410		

167	Kalali	Jai Shree Shyam Stone Crusher, Village Kalali, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
168	Pichopa Kalan	Jai Shree Shyam Stone Crusher, Vill-Pichopa Kalan, Charkhi Dadri	Ok	390	320	
169	Kheri Batter	Jai Siya Ram Stone Crusher, Vill. Kheri Battar, charkhi Dadri	Ok	Plantation Plan Not Obtained		
170	Jhojhu Kalan	Jhojhu Stone Crusher, Village Jhojhu Kalan, Charkhi Dadri	Ok	173	155	
171	Kaliyana	K V R Minerals Pvt Ltd Unit 2 Vill Kaliyana Charkhi Dadri	Ok	200	160	
172	Kaliyana	K V R Minerals Pvt. Ltd., Village Kaliyana, Charkhi Dadri	Ok	200	155	
173	Pichopa Kalan	K.M.P Stone Crusher, Vill Pichopa Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
174	Birhi kalan	Kanhaiya Stone Crusher Vill Birhi Kalan, Charkhi Dadri	Ok	300	285	
175	Mankawas	kanshi Ram Stone Crusher, Village Mankawas, Charkhi Dadri	Ok	500-550	95	
176	Asawari	Karan Stone Crusher, Village Asawari, Charkhi Dadri	Ok	640	420	
177	Pichopa Kalan	Khatu Shyam Stone Crusher, Village Pichopa Kala Charkhi Dadri	Ok	305	293	
178	Kheri Batter	Krishana Stone Crusher and Supplier Village Kheri Battar Charkhi Dadri	Ok	400	351	
179	Pichopa Kalan	Krishna Stone Crusher, Vill. Pichopa Kalan, Charkhi Dadri	Ok	260	250	
180	Kheri Batter	Krishna Stone Crusher-1, Vill. Kheri Battar Charkhi Dadri	Ok	315	290	
181	Kheri Batter	Krishna Stone Crusher-II, Vill. Kheri Battar, charkhi Dadri	Ok	355	327	
182	Jhojhu Kalan	Kumar Infra & Mining Projects, Village Jhoju Kalan, Charkhi Dadri	Ok	350	55	
183	Kheri Batter	Larsen and Toubro Limited, Vill Kheri Battar Charkhi Dadri	Ok	Plantation Plan Not Obtained		
184	Tiwala	Laxmi Mining Company, Village Tiwala, Charkhi Dadri	Ok	325	Closed	
185	Mankawas	Laxmi Stone Crusher, Vill. Mankawas, Charkhi Dadri	Ok	100-120	200	
186	Asawari	Luxmi Stone Crusher, Asawari, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
187	Kaliyana	Luxmi Stone Crusher, Vill. Kaliyana, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
188	Pichopa Kalan	M/s :J M and COMPANY Vill-Pichopa Kalan, Charkhi Dadri	Ok	315	290	

189	Pandwan	M/s :Jai Shivam Stone Crusher Village Pandwan, Charkhi Dadri	Ok	350-400	75	
190	Mankawas	Maa Pitambara Mines And Cruhsers LLP, Vill Mankawas, Charkhi Dadri	Ok	200-250	182	
191	Kaliyana	Maa Stone Crusher, Kaliyana, Charkhi Dadri	Ok	400	320	
192	bilawal	Maha Luxmi Stone Cruhser, Village Bilawal, Charkhi Dadri	Ok	440	260	
193	Kheri Batter	Maha Singh Stone Crusher Village Kheri Battar Charkhi Dadri	Ok	Plantation Plan Not Obtained		
194	Birhi kalan	Mahadev Stone Crusher, Birhi Kalan, Charkhi Dadri	Ok	350	380	
195	Kheri Batter	Mahadev stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Ok	380	205	
196	Pichopa Kalan	Mahaluxmi Mines and Stone Crusher VPO Pichopa Kalan, Charkhi Dadri	Ok	300	480	
197	Birhi kalan	Mahaluxmi Stone Crusher Village Birhi Kalam, Charkhi Dadri	Ok	308	290	
198	Pichopa Kalan	Mahashay Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Ok	328	292	
199	Kheri Batter	Maruti Stone Crusher, Village Kheri Battar, Charkhi Dadri	Ok	350	122	
200	Birhi kalan	Mayur Stone Crusher, Village Birhi Kala, Charkhi Dadri	Ok	358	258	
201	Kaliyana	Millan Stone Cusher, Village Kaliyana, Charkhi Dadri	Ok	350	221	
202	Kheri Batter	Nandu Stone Crusher, VPO Kheri Batter, Charkhi Dadri	Ok	400	120	
203	Mankawas	NECC Mines & Mineral, Village Manakawas, Charkhi Dadri	Ok	275	229	
204	Jhojhu Kalan	Neel Kanth Stone Crusher Mill, Village Jhojhu Kalan, Charkhi Dadri	Ok	340	290	
205	Pichopa Kalan	Neelam Stone Crusher Vill Pichopa Kalan, Charkhi Dadri	Not Ok	330	390	siting parameter is lesser than the required distance.
206	Kheri Batter	Neelkanth Stone Crusher, Village Kheri Battar, Charkhi Dadri	Ok	328	210	
207	Birhi kalan	Neelkanth Mahadev Grit Udyog Vill-Birhi Kalan, Charkhi Dadri	Ok	547	360	
208	Pichopa Kalan	New Avtar Stone Crusher, Vill-Pichopa Kalan, Charkhi Dadri	Ok	300	300	
209	Kaliyana	New Baba Sita Nath Stone Crusher, Village Kaliyana, Charkhi Dadri	Ok	386	345	

210	Pichopa Kalan	New Bharat Stone Crushing Company, VPO PICHOPA KALAN, Charkhi Dadri	Ok	350	450	
211	Kheri Batter	New Jai Shree Bala ji Stone Crusher, Village Kheri Battar, Charkhi Dadri	Ok	337	290	
212	Jhojhu Kalan	Om Shiv Stone Crusher, Village Jhojhu Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
213	Kaliyana	Om Shivam Stone Crusher, Kaliyana, Charkhi Dadri	Ok	295	217	
214	Asawari	Om Shivam Stone Crusher, Village Asawari, Charkhi Dadri	Ok	416	415	
215	Kheri Batter	Om Stone Crusher, Kheri Batter, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
216	Mankawas	Om Stone Crusher, Mankawas, Charkhi Dadri	Ok	150-180	70	
217	Atela Kalan	Pal stone Crusher Vill. Atela Kalan Charkhi Dadri	Ok	400	340	
218	Mankawas	Panchmukhi Stone Crusher, Village Mankawas, Charkhi Dadri	Ok	100-150	150	
219	Kaliyana	Pardhan Stone Crusher Village Kaliyana, Charkhi Dadri	Ok	212	190	
220	Pichopa Kalan	Shree Mahadev Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Ok	400	200	
221	Kheri Batter	Partap Stone Crusher, Vill. Kheri Battar, Charkhi Dadri (Old name Baba Pir SC)	Ok	310	213	
222	Kheri Batter	Parvat Stone Crusher, Village Kheri Battar, Charkhi Dadri	Ok	300	307	
223	Kheri Batter	Pokhar Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Ok	315	265	
224	Kaliyana	Pooja Stone Crusher, Village Kaliyana, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
225	Asawari	Pritam Sangwan Stone Crusher, Village Asawari, Charkhi Dadri	Ok	325	252	
226	Kheri Batter	PRITHVI STONE CRUSHER, Kheri Batter, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
227	Birhi kalan	Purpal Stone Crusher, Village Birhi Kala, Charkhi Dadri	Ok	552	410	
228	Pichopa Kalan	QEM PROCESSING PVT LTD PICHOPA KALAN, Charkhi Dadri	Ok	420	450	
229	Kheri Batter	QEM PROCESSING PVT LTD STONE CRUSHER at VILLAGE KHERI BATTAR Charkhi Dadri	Ok	400	328	
230	Kheri Batter	Raj Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Ok	365	270	

231	Kheri Batter	Rajbir Stone Crusher VPO Kheri Battar, Charkhi Dadri	Ok	400	520	
232	Pichopa Kalan	Rajesh Stone Crusher, Pichopa Kalan, Charkhi Dadri	Ok	300	290	
233	Pichopa Kalan	Rakesh Malik Stone Crusher Vill-Pichopa Kalan, Charkhi Dadri	Ok	410	375	
234	Jhojhu Kalan	Rudhra Stone Crusher, Village Jhojhu Kalan, Charkhi Dadri	Ok	280	380	
235	Kalali	Sadbhawna Stone Crusher, Village Kalali, Charkhi Dadri	Ok	340	290	
236	Kheri Batter	Salasar Stone Crusher Vill- Kheri Battar, Charkhi Dadri	Ok	400	205	
237	Birhi kalan	Sangwan Stone Crusher, Village Birhi Kalan, Charkhi Dadri	Ok	325	297	
238	Kheri Batter	Sangwan Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
239	Kheri Batter	Sanskar Stone Crusher, Kheri Battar, Charkhi Dadri	Ok	400	170	
240	Kheri Batter	Saraswati Stone Crusher, Vill Kheri Batter, Charkhi Dadri	Ok	280	30	
241	Kheri Batter	Sarvotam Group, Village Kheri Batter, Charkhi Dadri	Ok	350	260	
242	Pichopa Kalan	Satyavir Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Ok	400	235	
243	Kheri Batter	Shanti Mobile Stone Crusher, VPO Kheri Battar, Charkhi Dadri	Ok	300	330	
244	Atela Kalan	Sheoran Stone Crusher, Village Atela Kalan, Charkhi Dadri	Ok	242	180	
245	Kheri Batter	Sheranwali Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Ok	390	170	
246	Kheri Batter	Shiv Bhole Shankar Stone Crusher Village Kheri Battar, Charkhi Dadri	Ok	326	275	
247	Kalali	Shiv Bhole Stone Crusher Village Kalali, Charkhi Dadri	Ok	200	210	
248	Asawari	Shiv Bhole Stone Crusher Vill-Asawari, Charkhi Dadri	Ok	410	350	
249	Kaliyana	SHIV BHOLE STONE CRUSHING Co., Kaliyana, Charkhi Dadri	Ok	390	485	
250	Kheri Batter	Shiv Durga Stone Crusher, Village Kheri Battar Charkhi Dadri	Ok	Plantation Plan Not Obtained		
251	Kheri Batter	Shiv Gorakh Stone Crusher, Vill Kheri Battar, Charkhi Dadri	Ok	260	258	
252	Birhi kalan	Shiv Shakti Grit Udyog, Village Birhi Kalan, Charkhi Dadri	Ok	667	595	

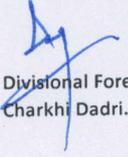
253	Pichopa Kalan	Shiv Shakti Stone Crusher Village Pichopa Kalan, Charkhi Dadri	Ok	315	400	
254	Pichopa Kalan	Shiv Shakti Stone Crusher II Village Pichopa Kalan, Charkhi Dadri	Ok	350	350	
255	Kheri Batter	SHIV SHAKTI STONE CRUSHER, Village Kheri Battar, Charkhi Dadri	Ok	465	330	
256	Birhi kalan	Shiv Shankar Stone Crusher Vill-Birhi Kalan, Charkhi Dadri	Ok	300	280	
257	Mankawas	Shiv Shanti Stone Cruhsr, Village Mankawas, Charkhi Dadri	Ok	360	200	
258	Atela Kalan	Shiv Stone Crusher, Vill. Atela Kalan, Charkhi Dadri	Ok	400	350	
259	Asawari	Shiv Stone Crusher, Village Asawari, Charkhi Dadri	Ok	415	418	
260	Pichopa Kalan	Shiv Stone Crushing Co., Village Pichopa kalan, Charkhi Dadri	Ok	300	280	
261	Birhi kalan	Shiva Stone Crusher, Village Birhi Kalan, Charkhi Dadri	Ok	305	285	
262	Kheri Batter	Shivalaya Construction Pvt Ltd Co., Village Kheri Battar, Charkhi Dadri	Ok	400	390	
263	Mankawas	Shivalya Grit Udyog, Village Mankawas, Charkhi Dadri	Ok	200-250	191	
264	Bilawal	Shree Balaji Stone Crusher, Village Bilawal, Charkhi Dadri	Ok	380	305	
265	Kaliyana	Shree Balaji Stone Crusher, Village Kaliyana, Charkhi Dadri	Ok	325	265	
266	Kheri Batter	Shree Dada Dohla Stone Crusher Vill Kheri Battar, Charkhi Dadri	Ok	350	175	
267	Pichopa Kalan	Shree Ganesh Stone Crusher Village Pichopa Kalan, Charkhi Dadri	Ok	300	270	
268	Ramalwas	Shree Ganpati Stone Crushing Mills, Village Ramalwas, Charkhi Dadri	Ok	400	175	
269	Pichopa Kalan	Shree Laxmi Stone Crusher, Pichopa Kalan, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
270	Kheri Batter	Shree Luxmi Stone Crusher, Kheri Battar, Charkhi Dadri	Ok	300		
271	Kheri Batter	Shree Maha Luxmi Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Ok	340	172	
272	Birhi kalan	Shree Radhe Stone Crusher, Birhi Kalan, Charkhi Dadri	Ok	460	560	
273	Kheri Batter	Shree Nanak Stone Crusher, VPO Kheri Battar, Charkhi Dadri	Ok	372	230	

274	Pichopa Kalan	SUMAN STONE CRUSHER, V.P.O- Pichopa Kalan, Charkhi Dadri	Ok	305	300	
275	Kheri Batter	Shree Ram Stone Crusher, Village Kheri Battar, Charkhi Dadri	Ok	250	185	
276	Kheri Batter	Shree Satyam Stone Crusher, Kheri Battar, Charkhi Dadri	Ok	550	310	
277	Pichopa Kalan	Shri Dada Devi Nath Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Ok	214	195	
278	Pichopa Kalan	Shri Ganesh Ji Stone Crusher Vill Pichopa Kalan Charkhi dadri	Ok	Plantation Plan Not Obtained		
279	Kheri Batter	Shri Giriraj Stone Crusher, Vill. Kheri Battar, Charkhi dadri	Ok	100-150	185	
280	Kheri Batter	Shri Hari Stone Crusher, Village Kheri Batter, Charkhi Dadri	Ok	400	157	
281	Pichopa Kalan	Shri Laxmi Ji Stone Crusher, Pichopa Kalan, Charkhi Dadri	Ok	325	300	
282	Birhi kalan	Shri Rattan Grit Udyog Village Birhi Kala Charkhi dadri	Ok	475	325	
283	Kheri Batter	Shri Sai Baba Stone Crusher, Vill. Kheri Batter, Charkhi Dadri	Ok	350	120	
284	Kheri Batter	Shri Shivam Stone Crusher, Kheri Batter, Charkhi Dadri	Ok	350	225	
285	Kaliyana	Shri Shyam Stone Crusher Village Kaliyana Charkhi Dadri	Ok	325	260	
286	Pichopa Kalan	Shyam Grit Udyog Village Pichopa Kalan Charkhi Dadri	Ok	600	580	
287	Jhojhu Kalan	Shyam King Stone Crusher Village Jhoju Kalan Charkhi Dadri	Ok	315	245	
288	Pichopa Kalan	Shyam Stones Vill-Pichopa Kalan, Charkhi Dadri	Ok	312	350	
289	Kheri Batter	Silver Stone Crusher Village Kheri Battar Charkhi Dadri (Old name Jai Shiv SC)	Ok	300	285	
290	Kheri Batter	Sita Nath Stone Crusher, Village Kheri Battar, Charkhi Dadri	Ok	315	285	
291	Pichopa Kalan	Sohna Aggregate Solutions (18CRD63956) Vill Pichopa Kalan Charkhi Dadri	Not Ok	400	380	siting parameter is lesser than the required distance.
292	Pichopa Kalan	Soorya Stone Crusher Village Pichopa Kalan, Charkhi Dadri	Ok	350	400	
293	Kheri Batter	Subh Ram Stone Crusher Village Kheri Battar, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
294	Kheri Batter	Subham Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Ok	250	247	

295	Kheri Batter	Sunrise stone Crusher, Village Kheri Batter, Charkhi Dadri	Ok	Plantation Plan Not Obtained		
296	tiwala	Super White Stone Crusher, Village Tiwala, Charkhi Dadri	Ok	425	285	
297	Pichopa Kalan	Surya Stone Crusher Vill- Pichopa Kalan, Charkhi Dadri	Not Ok	305	160	siting parameter is lesser than the required distance.
298	Kheri Batter	Taj Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Ok	368	295	
299	Mankawas	Thadeshri Stone Crusher Vill-Mankawas, Charkhi dadri	Ok	240-250	142	
300	Jhojhu Kalan	Trishul Stone Crushing Mills Vill-Jhojhu Kalan, Charkhi Dadri	Ok	320	340	
301	Asawari	Uma Stone Crusher, Village Asawari, Charkhi Dadri	Ok	400	370	
302	Kheri Batter	United Stone Crusher, Village Kheri Battar, Charkhi Dadri	Ok	380	95	
303	Birhi kalan	V K Stone Crushing Co Vill- Birhi Kalan, Charkhi Dadri	Ok	305	Closed	
304	Mankawas	Vikas Stone Crusher, Mankawas, Charkhi Dadri	Ok	290	182	
305	Kheri Batter	Vishal Stone Crusher, Village Kheri Batter, Charkhi Dadri	Ok	360	235	
306	Kaliyana	Zamidar Stone Crusher Village Kaliyana, Charkhi Dadri	Ok	270	261	
307	Pichopa Kalan	Vijay Stone Crusher, Village Pichopa kalan, Charkhi Dadri,	Ok	325	335	
308	Kaliyana	Shree Partap Stone Crusher, Kaliyana, Charkhi Dadri	Ok	350	230	
309	Kheri Batter	JHANDEWALA STONE CRUSHER, VILLAGE KHERI BATTAR, Charkhi Dadri	Ok	300	280	
310	Kheri Batter	Yash Stone Crusher, Kheri Batter, Charkhi Dadri	Ok	400	242	
311	Kheri Batter	Sanjay Stone Crusher, Village- Kheri Batter, Charkhi Dadri	Ok	400	392	
312	Kheri Batter	Shree Shyam Grit Udyog Village Kheri Batter Charkhi Dadri	Ok	Plantation Plan Not Obtained		
313	Kheri Batter	Jai Shri Shivam Stone Crusher, Kheri Batter, Charkhi Dadri	Ok	370	95	
314	Pichopa Kalan	Anjani Mata Stone crusher Village Pichopa Kalan, Charkhi Dadri	Ok	305	130	
315	Kheri Batter	Maman Stone Crusher, VPO Kheri Battar, Charkhi Dadri	Ok	300	205	
316	Asawari	Pritam Stone Crusher, Asawari, Charkhi Dadri	Ok	400	385	

317	Birhi kalan	Swastik Stone Crusher, Village Birhi Kalan, Charkhi Dadri	Ok	525	385	.
318	Pichopa Kalan	Bed Stone Crusher Village Pichopa Kalan, Charkhi Dadri	Ok	305	300	

319	Kheri Batter	Dhanpat Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Ok	310	292	
320	Pichopa Kalan	Jai Balaji Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Ok	265	600	
321	Pichopa Kalan	MDN Stone Crusher Vill-Pichopa Kalan, Charkhi Dadri	Ok	310	400	
322	Pandwan	NECC Mining Corporation Unit 2, Village Pandwan Charkhi Dadri	Ok	275	272	
323	Pandwan	NECC Mining Corporation, Village Pandwan, Charkhi Dadri	Ok	325	290	
324	Pandwan	NECC Roadways, Village Pandwan, Charkhi Dadri	Ok	250	130	
325	Kaliyana	R.B.S Stone Crusher Village Kaliyana, Charkhi Dadri	Ok	325	250	
326	Kaliyana	Rao Stone Crusher Co., Village Kaliyana Charkhi Dadri	Ok	315	265	
327	Kheri Batter	Shakti Stone Crusher, Village Kheri Battar, Charkhi Dadri	Ok	250	150	
328	kaliyana	Shiv Ganga Stone Crusher, Kaliyana, Charkhi dadri	Ok	335	250	
329	Jhojhu Kalan	Shiv Stone Crusher, Village Jhojhu Kalan, Charkhi Dadri	Ok	345	340	
330	Mankawas	Shivalik Stone Crusher, Village Mankawas, Charkhi Dadri	Ok	150-200	110	
331	Mankawas	Shree Balaji Stone Crusher, Village Mankawas, Charkhi Dadri	Ok	150-200	186	
332	Kheri Batter	Siwach Stone Cruhser, Vill. Kheri battar, Charkhi Dadri	Ok	320	275	
333	Kheri Batter	Suryawanshi Stone Crusher, Village Kheri Batter, Charkhi Dadri	Ok	360	260	
334	Pichopa Kalan	Swastik Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Ok	630	560	
335	Kheri Batter	Venus Stone Crusher Village Kheri Battar Charkhi Dadri	Ok	358	220	
336	Pichopa Kalan	Dada Syonand Maharaj Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Ok	300	219	
337	Kheri Batter	Diamond Stone Crusher Village Kheri Battar, Charkhi Dadri	Ok	300	325	
338	Kheri Batter	Anand Stone Crusher, Vill. Kheri batter, Charkhi Dadri	Ok	255	205	
339	Kaliyana	Royal Stone Crusher Village Kaliyana Distt Charkhi Dadri	Ok	325	1	

  
 Divisional Forest Officer,  
 Charkhi Dadri.



# FOREST DEPARTMENT GOVT. OF HARYANA

O/o Divisional Forest Officer, Ch. Dadri

Rohtak Road, Charkhi Dadri, Tel. No. 01250-297241, E-mail:-dfocharkhidadri@gmail.com

क्रमांक / 1020  
सेवा में:

दिनांक / 12/01/2023

क्षेत्रीय अधिकारी,  
प्रदुषण नियंत्रण बोर्ड,  
भिवानी।

विषय: Status report in compliance of order dated 26-10-2021  
O.A No 607/2018 Vinod kumar Jangra Vs State of Haryana  
& Ors.

संदर्भ: इस कार्यालय का पत्र क्रमांक 1121 दिनांक 01.12.2022

संदर्भांकित पत्र के सम्बंध में उपरोक्त विषय बारे आपको अवगत करवाया जाता है कि इस कार्यालय के अधीन सभी स्टोन क्रेशरों के ग्रीन बेल्ट पौधारोपण प्लान को वैरिफाई करने उपरांत इस कार्यालय के पत्र क्रमांक 389 दिनांक 15.06.2022 द्वारा स्टोन क्रेशरों पर किये गए पौधारोपण बारे रिपोर्ट आपके कार्यालय में भेजी जा चुकी है। जिससे प्रत्येक स्टोन क्रेशर के पौधे दर्शाये गए हैं। जिन स्टोन क्रेशरों पर पौधे कम पाये गए हैं उन क्रेशरों द्वारा प्लानटेशन प्लान अनुसार पौधारोपण नहीं किया गया है और बाकि स्टोन क्रेशरों द्वारा यूनिट पर उपलब्ध जगह व प्लानटेशन प्लान अनुसार पौधारोपण किया गया है। इसके अलावा चरखी दादरी में 08 क्रेशर जोन है और इन सभी जोनों में से किसी भी जोन के चारों तरफ ग्रीन बेल्ट स्थापित नहीं किया गया है।

वन मण्डल अधिकारी,  
चरखी दादरी।

पृ० क्रमांक :

दिनांक :

इसकी एक प्रति वन संरक्षक, पश्चिमी परिमण्डल, हिसार को सूचनाार्थ एवं आगामी आवश्यक कार्यवाही हेतु प्रेषित है।

हस्ता -  
वन मण्डल अधिकारी,  
चरखी दादरी।



## HARYANA STATE POLLUTION CONTROL BOARD LABORATORY

Bays-7-8, UE-II, Near Vishwas School, HISAR – 125005

### TEST REPORT

Issued to,

The Regional Officer,  
Haryana State Pollution Control Board,  
Bhiwani.

Report No. HRL/AAQ/2022/241  
Reporting Date: - 11.10.2022  
Nature of Sampling: Monitoring

Description of Sample: - Received on 06.10.2022 a sample of Ambient Air Quality from Sh. Navneet Bhardwaj, AEE, Smt. Sofia Rao, IIT, Delhi of the Board Collected from Ambient Air Quality Sample of Birhi Kalan Zone, Charkhi-Dadri\*. The sample was in a condition fit for analysis. The sample has been analyzed from 06.10.2022 to 11.10.2022. The plant data and the analysis report is as under:

### PLANT DATA

1	Location of the sampling point	Ambient Air Quality Sample of Birhi Kalan Zone, Charkhi-Dadri.
2	Date of sampling	04.10.2022*
3	Actual time of sampling	480 minutes each
4	Average Flow rate for SPM	1.1 for PM <sub>10</sub> & 1.1 for PM <sub>2.5</sub>
5	Total volume for air sampled for SPM (m <sup>3</sup> )	528 for PM <sub>10</sub> & 528 for PM <sub>2.5</sub>

### ANALYSIS REPORT

Sr.No	Parameter	Unit	Results	Method of Testing
1.	Particular Matter (Pm <sub>10</sub> )	µg/m <sup>3</sup>	361.3	IS 5182-Part- XXIII
2.	Particular Matter (Pm <sub>2.5</sub> )	µg/m <sup>3</sup>	17.2	IS 5182-Part- XXIV

Sample not collected by us  
Sample Consumed in Testing

*Deepak*  
USA

*Dolly*  
LABORATORY TECHNICIAN

*Dirti*  
Dr. KIRTI GROW  
LABORATORY INCHARGE  
AUTHORIZED SIGNATORY

Dated:- 11/10/22

HSPCB/LAB/HR/2022/1287

1. Copy to Regional Officer,

\*This information is provided by the Collecting Officer.

BDL-Below Detection Limit

Note:-

1. This report is not to be reproduced wholly or in part without permission of HSPCB.
2. This report should not be used in any advertising media without our special permission in writing.
3. The results are related to the test items only.

\*\*\*End of Report\*\*\*



**HARYANA STATE POLLUTION CONTROL BOARD LABORATORY**

Bays-7-8, UE-II, Near Vishwas School, HISAR – 125005

**TEST REPORT**

Issued to,

The Regional Officer,  
Haryana State Pollution Control Board,  
Bhiwani.

Report No. HRL/AAQ/2022/242  
Reporting Date: - 11.10.2022  
Nature of Sampling: Monitoring

Description of Sample: - Received on 06.10.2022 a sample of Ambient Air Quality from **Sh. Navneet Bhardwaj, AEE, Smt. Sofia Rao, IIT, Delhi** of the Board Collected from **Ambient Air Quality Sample of Kheri Batter, Charkhi-Dadri\***. The sample was in a condition fit for analysis. The sample has been analyzed from 06.10.2022 to 11.10.2022. The plant data and the analysis report is as under:

**PLANT DATA**

1	Location of the sampling point	Ambient Air Quality Sample of Kheri Batter, Charkhi-Dadri.
2	Date of sampling	04.10.2022*
3	Actual time of sampling	480 minutes each
4	Average Flow rate for SPM	1.1 for PM <sub>10</sub> & 1.1 for PM <sub>2.5</sub>
5	Total volume for air sampled for SPM (m <sup>3</sup> )	528 for PM <sub>10</sub> & 528 for PM <sub>2.5</sub>

**ANALYSIS REPORT**

Sr.No	Parameter	Unit	Results	Method of Testing
1.	Particular Matter (Pm <sub>10</sub> )	µg/m <sup>3</sup>	281.25	IS 5182-Part- XXIII
2.	Particular Matter (Pm <sub>2.5</sub> )	µg/m <sup>3</sup>	14.20	IS 5182-Part- XXIV

Sample not collected by us  
Sample Consumed in Testing

*JSA*  
JSA

*Dalit*  
LABORATORY TECHNICIAN

*Dalit*  
Dr. KIRTI GROW  
LABORATORY INCHARGE  
AUTHORIZED SIGNATORY

Dated:- 11/10/22

HSPCB/LAB/HR/2022/1288

1. Copy to Regional Officer,

\*This information is provided by the Collecting Officer.

BDL-Below Detection Limit

Note:-

1. This report is not to be reproduced wholly or in part without permission of HSPCB.
2. This report should not be used in any advertising media without our special permission in writing.
3. The results are related to the test items only.

\*\*\*End of Report\*\*\*



## HARYANA STATE POLLUTION CONTROL BOARD LABORATORY

Bays-7-8, UE-II, Near Vishwas School, HISAR – 125005

### TEST REPORT

Issued to,

The Regional Officer,  
Haryana State Pollution Control Board,  
Bhiwani.

Report No. HRL/AAQ/2022/243  
Reporting Date: - 11.10.2022  
Nature of Sampling: Monitoring

Description of Sample: - Received on 06.10.2022 a sample of Ambient Air Quality from Sh. Navneet Bhardwaj, AEE, Smt. Sofia Rao, IIT, Delhi of the Board Collected from Ambient Air Quality Sample of Pichopa Zone, Charkhi-Dadri\*. The sample was in a condition fit for analysis. The sample has been analyzed from 06.10.2022 to 11.10.2022. The plant data and the analysis report is as under:

### PLANT DATA

1	Location of the sampling point	Ambient Air Quality Sample of Pichopa Zone, Charkhi-Dadri.
2	Date of sampling	04.10.2022*
3	Actual time of sampling	480 minutes each
4	Average Flow rate for SPM	1.1 for PM <sub>10</sub> & 1.1 for PM <sub>2.5</sub>
5	Total volume for air sampled for SPM (m <sup>3</sup> )	528 for PM <sub>10</sub> & 528 for PM <sub>2.5</sub>

### ANALYSIS REPORT

Sr.No	Parameter	Unit	Results	Method of Testing
1.	Particular Matter (Pm <sub>10</sub> )	µg/m <sup>3</sup>	393.3	IS 5182-Part- XXIII
2.	Particular Matter (Pm <sub>2.5</sub> )	µg/m <sup>3</sup>	15.5	IS 5182-Part- XXIV

Sample not collected by us  
Sample Consumed in Testing

*[Signature]*  
JSA

*[Signature]*  
LABORATORY TECHNICIAN

*[Signature]*  
Dr. KIRTI GROW  
LABORATORY INCHARGE  
AUTHORIZED SIGNATORY

Dated:- 11/10/22

HSPCB/LAB/HR/2022/1289

1. Copy to Regional Officer,

\*This information is provided by the Collecting Officer.

BDL-Below Detection Limit

Note:-

- This report is not to be reproduced wholly or in part without permission of HSPCB.
- This report should not be used in any advertising media without our special permission in writing.
- The results are related to the test items only.

\*\*\*End of Report\*\*\*

## Annexure-5 (Detail of stone crushing units)

Sr. No.	District	Name & Address of the unit	Latest Status
1	Ch. Dadri	Ajanta Stone Crusher, Vill. Atela Kalan, Charkhi Dadri	Closed by Board
2	Ch. Dadri	Goyat Stone Crusher, Village Pandwan Charkhi Dadri	Closed by Board
3	Ch. Dadri	JAI BHAWANI STONE CRUSHER, RAMALWAS, Charkhi Dadri	Closed by Board
4	Ch. Dadri	Jyoti Stone Crushers Village Pandwan Charkhi Dadri	Closed by Board
5	Ch. Dadri	LUCKY MINERALS U II KHASARA NO - 28/5/26/14/2/27, VILL - KALIYANA, Charkhi Dadri	Closed by Board
6	Ch. Dadri	Lucky Minerals Unit III 28/13 14 Vill: Kalyana, Charkhi Dadri	Closed by Board
7	Ch. Dadri	Lucky Minerals Unit-I Khasra No. 28/3/2,4/2/2,7,8 Village : Kalyana Charkhi Dadri	Closed by Board
8	Ch. Dadri	Pokhar Stone Crusher, Vill. Ramalwas, Charkhi Dadri	Closed by Board
9	Ch. Dadri	Shree Ram Stone Crusher, Vill. Mankawas, Charkhi Dadri	Closed by Board
10	Ch. Dadri	Bhawani Stone Crusher, Village Jhojhu Kalan, Charkhi Dadri	Closed by Board
11	Ch. Dadri	Darshana Stone Crusher, Vill. Kaliyana, Charkhi Dadri	Closed by Board
12	Ch. Dadri	Himalya Stone Crusher Village Jhojhu Kalan, Charkhi Dadri	Closed by Board
13	Ch. Dadri	Jai Ambey stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Closed by Board
14	Ch. Dadri	Dada shakti Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Closed by Board
15	Ch. Dadri	Baba Shyam Stone Crusher, Village Kaliyana, Charkhi Dadri	Closed by its own
16	Ch. Dadri	Chander Bhan Stone Crusher, Village Asawari, Charkhi Dadri	Closed by its own
17	Ch. Dadri	Dosti Stone Crusher, Village Asawari, Charkhi Dadri	Closed by its own
18	Ch. Dadri	Laxmi Stone Crusher, Village Kheri Battar, Charkhi Dadri	Closed by its own
19	Ch. Dadri	New Sunrise Stone Crusher, Village Kheri Battar, Tehsil Charkhi Dadri	Closed by its own
20	Ch. Dadri	Peer Baba Stone Crusher, Village Asawari, Charkhi Dadri	Closed by its own
21	Ch. Dadri	Shanker Stone Crusher, Village Kheri Batter, Tehsil Charkhi Dadri	Closed by its own
22	Ch. Dadri	Shivam Stone Crusher, Village Kheri Battar, Charkhi Dadri	Closed by its own
23	Ch. Dadri	Sohna Stone Crusher, Village Ramalwas, Charkhi Dadri	Closed by its own
24	Dadri	Ganga construction company, Village Kheri Battar, Charkhi Dadri	Closed by its own
25	Ch. Dadri	Maha Dev Stone Crusher Village Kaliyana , Charkhi Dadri	Closed by its own
26	Ch. Dadri	Om Stone Crusher, Asawari, Charkhi Dadri	Closed by its own
27	Ch. Dadri	Aravali Hills Stone Crusher, Village Kheri Battar, Charkhi Dadri	Dismantled
28	Ch. Dadri	Baba Hanuman Stone Crusher, Village Mankawas, Charkhi Dadri	Dismantled
29	Ch. Dadri	Baba Stone Crusher-1, Village Kaliyana, Charkhi Dadri	Dismantled
30	Ch. Dadri	Bijender Singh Quarry Contractor Stone Crusher Village Kheri Battar Charkhi Dadri	Dismantled
31	Ch. Dadri	Hanuman Stone Crusher, Vill Kheri Battar, Charkhi Dadri	Dismantled

32	Ch. Dadri	Himalya Stone Crusher, Village Kheri Battar, Charkhi Dadri	Dismantled
33	Ch. Dadri	Jai Hanuman Stone Crusher, Village Kheri Batter, Charkhi Dadri	Dismantled
34	Ch. Dadri	Jai Baba Thakur Dass Stone Crusher Village Pichopa Kalan, Charkhi Dadri	Dismantled
35	Ch. Dadri	Jai Parkash Associates Ltd., Village Mehra, Khasra No. 78//3 (2K-0M), Charkhi Dadri	Dismantled
36	Ch. Dadri	Jai Parkash Associates Ltd., Village Mehra, Khasra No. 78//3 (8K-0M), Charkhi Dadri	Dismantled
37	Ch. Dadri	Jai Parkash Associates Ltd., Village Mehra, Khasra No. 89//0, Charkhi Dadri	Dismantled
38	Ch. Dadri	Jai Parkash Associates Ltd., Village Mehra, Khasra No. 89//1, Charkhi Dadri	Dismantled
39	Ch. Dadri	Kundu Construction CO., Village Tiwala, Charkhi Dadri (New SC-Super White SC)	Dismantled
40	Ch. Dadri	Mahadev Stone Crusher, Village Mankawas, Charkhi Dadri	Dismantled
41	Ch. Dadri	Mahadev Stone Crushing Co., Village Jhojhu Kalan, Charkhi Dadri	Dismantled
42	Ch. Dadri	Mahan Stone Crusher, Tikan Khurd, Charkhi Dadri	Dismantled
43	Ch. Dadri	Maruti Stone Crusher, Pandwan Charkhi Dadri (Old Name M/s Maruti Stone Crusher, Village Mankawas, Charkhi Dadri)	Dismantled
44	Ch. Dadri	N K Builders & Stone Crusher Vill-Birhi Kalan, Charkhi Dadri	Dismantled
45	Ch. Dadri	Nihal Stone Crusher, Village Khei Battar, Charkhi Dadri	Dismantled
46	Ch. Dadri	OmPati Stone Crusher Co., VPO Kheri Batter Charkhi Dadri	Dismantled
47	Ch. Dadri	Rapid Stone Crusher Vill-Birhi Kalan, Charkhi Dadri	Dismantled
48	Ch. Dadri	Rattan Stone Crusher, Village Pandwan, Charkhi Dadri	Dismantled
49	Ch. Dadri	Shree Balaji Stone Crushing Co. Village Jhojhu Kalan, Charkhi Dadri	Dismantled
50	Ch. Dadri	Shree Laxmi Stone Crusher, Kheri Battar, Charkhi Dadri	Dismantled
51	Ch. Dadri	Vijay Stone Crusher, Village Asawari, Charkhi Dadri	Dismantled
52	Ch. Dadri	New Era Solutions Pvt. Ltd. Village Kheri Battar, Charkhi Dadri New Name Metro Stone Crusher	Dismantled
53	Ch. Dadri	Hari Dass Grit udyog, Village Kheri Battar, Charkhi Dadri	Dismantled
54	Ch. Dadri	KSC BUILDCON PVT LTD VILLAGE KHERI BATTAR, Charkhi Dadri	Dismantled
55	Ch. Dadri	R. K. Carriers India Private Limited, Village Mehrda Charkhi Dadri	Dismantled
56	Ch. Dadri	Shree Ganesh Stone Crusher, Village Asawari, Charkhi Dadri	Dismantled
57	Ch. Dadri	Shiv Stone Crusher, Village Kheri Battar, Charkhi Dadri	Dismantled
58	Ch. Dadri	Dev Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Dismantled
59	Ch. Dadri	Shree Ganesh Crusher Udyog, Village Kheri Battar, Charkhi Dadri	Dismantled
60	Ch. Dadri	DCC Stone Crusher, Kheri Batter, Charkhi Dadri	Dismantled
61	Ch. Dadri	JAI SHIV SHANKAR STONE CRUSHER VPO KHERI BATTAR Charkhi Dadri	Dismantled
62	Ch. Dadri	Jai Baba Jamna Giri Stone Crusher, Vill. Birhi Kalan, Charkhi Dadri	Dismantled
63	Ch. Dadri	Hari Dass Stone Crusher Vill. Asawari Charkhi Dadri	Dismantled (CBB)

64	Ch. Dadri	Dev Dahiya Stone Crusher, Village Jhoju Kala Charkhi Dadri	Dismantled (CBB)
65	Ch. Dadri	Sajjan Singh Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Dismantled (CBB)
66	Ch. Dadri	Shanker Stone Crusher, Village Jhojhu Kalan, Charkhi Dadri	Dismantled (CBB)
67	Ch. Dadri	Shiva Stone Crushing Mills, Village Jhojhu Kalan, Charkhi Dadri	Dismantled (CBB)
68	Ch. Dadri	Shree Luxmi Stone Crushing Co., -II, Village Kheri Battar, Charkhi Dadri	Dismantled (CBB)
69	Ch. Dadri	Shree Balaji Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Dismantled (CBB)
70	Ch. Dadri	Trimbakeshwar Stone Crusher, Village Jhojhu Kalan, Charkhi Dadri	Dismantled (CBB)
71	Ch. Dadri	Vishwakarma Stone Crusher, Village Jhoju Kalan, Charkhi Dadri	Dismantled (CBB)
72	Ch. Dadri	Surender Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Dismantled (CBB)
73	Ch. Dadri	Triupati Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Dismantled (CBB)
74	Ch. Dadri	Abhishek Stone Crusher, Village Kheri Batter, Charkhi Dadri	Granted
75	Ch. Dadri	Alpha Stone Crusher Vill-Kaliyana, Charkhi Dadri	Granted
76	Ch. Dadri	Amarnath Stone Crusher Vill-Kheri Battar, Distt Charkhi Dadri	Granted
77	Ch. Dadri	Anand Stone Crusher, Vill. Kheri batter, Charkhi Dadri	Granted
78	Ch. Dadri	Anjani Mata Stone crusher Village Pichopa Kalan, Charkhi Dadri	Granted
79	Ch. Dadri	Anjani Stone Crusher, VPO Kheri Battar, Charkhi Dadri	Granted
80	Ch. Dadri	ANUP STONE CRUSHER NO 1, VILLAGE KHERI BATTAR, Charkhi Dadri	Granted
81	Ch. Dadri	Anup Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Granted
82	Ch. Dadri	Arya Stone Crusher, Jhojhu Kalan, Charkhi Dadri	Granted
83	Ch. Dadri	Asawari Stone Crushing Co., Vill-Asawari Tehsil & Charkhi Dadri	Granted
84	Ch. Dadri	Ashoka Stone Crusher, Vill. Mankawas, Charkhi Dadri	Granted
85	Ch. Dadri	Ashu Stone Crusher Vill. Manakawas, Charkhi Dadri	Granted
86	Ch. Dadri	Avtar & Company Stone Crusher, Village jhojhu Kalan, Charkhi Dadri	Granted
87	Ch. Dadri	Baba Hanuman Minerals Vill-Jhojhu Kalan, Charkhi Dadri	Granted
88	Ch. Dadri	Baba Hari Dass Stone Crushing Co Vill-Birhi Kalan, Charkhi Dadri	Granted
89	Ch. Dadri	Baba Raghu Nath Stone Crusher Vill-Birhi Kalan, Charkhi Dadri	Granted
90	Ch. Dadri	Baba Ramdass Stone Crusher Village Kaliyana, Charkhi Dadri	Granted
91	Ch. Dadri	Baba Shyam Crushing Co Vill Jhojhu Kalan, Charkhi Dadri	Granted
92	Ch. Dadri	Bala Ji Stone Crusher, Vill. Pandwan, Charkhi Dadri	Granted
93	Ch. Dadri	Balaji Stone Crusher, Village Birhi Kalan, Charkhi Dadri	Granted
94	Ch. Dadri	Baljit Stone Crusher Vill-Kalali, Distt Charkhi Dadri	Granted
95	Ch. Dadri	Baniwal Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Granted
96	Ch. Dadri	Bed Stone Crusher Village Pichopa Kalan, Charkhi Dadri	Granted
97	Ch. Dadri	Bhagwati Stone Crusher, Vill, Kheri Battar, Charkhi Dadri	Granted
98	Ch. Dadri	Bhai Ji Stone Crusher Village Rmalwas, Charkhi Dadri	Granted
99	Ch. Dadri	Bhavishay Stone Crusher Village Kaliyana, Charkhi Dadri	Granted
100	Ch. Dadri	Bijender Singh Stone Crusher, Kheri Battar, Charkhi Dadri	Granted
101	Ch. Dadri	Caps Tradelink Pvt. Ltd., Kheri Batter, Charkhi Dadri	Granted
102	Ch. Dadri	Chander Mukhi Stone Crusher, Kila/Khasra No. 102//23 & 104//3/1, Asawari, Patwari Halka 83, Charkhi Dadri	Granted
103	Ch. Dadri	Chander Stone Crusher, Village Pandwan, Charkhi Dadri	Granted
104	Ch. Dadri	Chaubisi Stone Crusher, Village Mankawas, Tehsil Charkhi Dadri	Granted
105	Ch. Dadri	Chaudhary Stone Crusher Vill-Birhi Kalan, Distt Charkhi Dadri	Granted
106	Ch. Dadri	Chetna Stone Crusher, Village Atela Kalan, Charkhi Dadri	Granted

107	Ch. Dadri	Chirag Stone Crusher, Village Birhi Kalan, Charkhi Dadri	Granted
108	Ch. Dadri	Choudhary Construction Company, Village Kalayana, Charkhi Dadri	Granted
109	Ch. Dadri	Choudhary Stone Crusher, Village Kheri Batter, Charkhi Dadri	Granted
110	Ch. Dadri	Classic Mobile Stone Crusher Village Kheri Battar Charkhi Dadri	Granted
111	Ch. Dadri	Dada Dhola Stone Crusher, Village Kheri Batter, Charkhi Dadri	Granted
112	Ch. Dadri	Dada Gosai Stone Crushing Mills, Mankawas, Charkhi Dadri	Granted
113	Ch. Dadri	Dada Ram Prasad Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Granted
114	Ch. Dadri	Dada Shakti Stone Crusher Vill-Birhi Kalan, Charkhi Dadri	Granted
115	Ch. Dadri	Jai Shree Ram Stone Crusher Village Manakawas Charkhi Dadri	Granted
116	Ch. Dadri	Jai Shree Shyam Stone Crusher. Village Kheri Batter, Charkhi Dadri	Granted
117	Ch. Dadri	Dada Syonand Maharaj Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Granted
118	Ch. Dadri	Murliwala Stone Crushing Mills, Vill. Jhojhu Kalna, Charkhi Dadri	Granted
119	Ch. Dadri	Dada Stone Crusher, Village Kheri Battar, Tehsil Charkhi Dadri	Granted
120	Ch. Dadri	Dharampal Stone Crusher, pichopa Kalan, Charkhi Dadri	Granted
121	Ch. Dadri	Dadri Stone Crusher Village Manakawas Tehsil Charkhi Dadri	Granted
122	Ch. Dadri	Dalawas Stone Crusher, Vill Tiwala, Charkhi Dadri	Granted
123	Ch. Dadri	Delhi Stone Crusher, Village Mankawas, charkhi Dadri	Granted
124	Ch. Dadri	Dev Stone Crusher, Village Kheri Battar, Charkhi Dadri	Granted
125	Ch. Dadri	Dhankaur Stone Crusher, Village Kheri Batter, Charkhi Dadri	Granted
126	Ch. Dadri	Dhanluxmi Stone Crusher, Kalali, Charkhi Dadri	Granted
127	Ch. Dadri	Dhanpat Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Granted
128	Ch. Dadri	Diamond Stone Crusher Village Kheri Battar, Charkhi Dadri	Granted
129	Ch. Dadri	Durga Stone Crusher Mills, Village Kaliyana, Charkhi Dadri	Granted
130	Ch. Dadri	Durga Stone Crusher, Vill-Pichopa Kalan, Charkhi Dadri	Granted
131	Ch. Dadri	Ekta Stone Crusher Village kheri Battar, Charkhi Dadri	Granted
132	Ch. Dadri	Gau Mata Stone Crusher, Pichopa Kalan, Charkhi Dadri	Granted
133	Ch. Dadri	Gitesh Stone Crusher Vill-Birhi Kalan, Distt Charkhi Dadri	Granted

134	Ch. Dadri	Gohana Stone Crusher, Village Kheri Batter, Charkhi Dadri	Granted
135	Ch. Dadri	Hanuman Infrastructure Pvt. Ltd., Village Pichopa Kalan, Charkhi Dadri	Granted
136	Ch. Dadri	Hari Om Stone Crusher Pichopa Kalan , Charkhi Dadri	Granted
137	Ch. Dadri	Haryana Stone Crusher, Village Asawari, Charkhi Dadri,	Granted
138	Ch. Dadri	Haryana Stone Crusher, Village Tiwala, Charkhi Dadri,	Granted
139	Ch. Dadri	Indian Stone Crusher, Jhojhu Kalan, Charkhi Dadri	Granted
140	Ch. Dadri	Jagdish Pahal Stone Crusher Village Birhi Kalan Charkhi Dadri	Granted
141	Ch. Dadri	Jai Baba Jamna Giri Stone Crusher, Vill. Birhi Kalan, Charkhi Dadri	Granted
142	Ch. Dadri	jai baba mungipa stone crusher, pandwan , charkhi dadri	Granted
143	Ch. Dadri	New Rapid Stone Crusher old Name Jai baba Shyam Stone Crusher, Birhi kalan, Charkhi Dadri	Granted
144	Ch. Dadri	Jai Baba Sita Nath Stone Crusher, Vill. Kheri Battar, charkhi Dadri	Granted
145	Ch. Dadri	Jai Baba Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Granted
146	Ch. Dadri	Jai Bajrang Bali Stone Crusher, Village Mankawas, Charkhi Dadri	Granted
147	Ch. Dadri	Jai Bajrang Bali Stone Crusher, Village Ramlawas, Charkhi Dadri	Granted
148	Ch. Dadri	Jai Bajrangbali Stone Crusher, Village kheri Batter, Charkhi Dadri	Granted
149	Ch. Dadri	Jai Balaji Stone Crusher, Vill. Mankawas Charkhi Dadri	Granted
150	Ch. Dadri	Jai Balaji Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Granted
151	Ch. Dadri	Jai Dada Budha Stone Crusher, Village Birhi Kalan, Charkhi Dadri	Granted
152	Ch. Dadri	Jai Durga Stone Crusher, Vill. Kheri Battar, Ch.Dadri	Granted
153	Ch. Dadri	JAI HANUMAN STORE CRUSHER VILLAGE PANDWAN Charkhi Dadri	Granted

154	Ch. Dadri	Jai Hind Stone Crushing Co., Village Birhi Kalan, Charkhi Dadri	Granted
155	Ch. Dadri	Jai Mahadev Stone Crusher, Kheri Batter, Charkhi Dadri	Granted
156	Ch. Dadri	JAI MATA DI STONE CRUSHER village Kalali, Charkhi Dadri	Granted
157	Ch. Dadri	Jai Mata Di Stone Crusher, Village Birhi Kala, Charkhi Dadri	Granted
158	Ch. Dadri	Jai Shree Ganesh Stone Crusher Vill-Kheri Battar, Charkhi Dadri	Granted
159	Ch. Dadri	Jai Shree Shyam Stone Crusher, Vill-Pichopa Kalan, Charkhi Dadri	Granted
160	Ch. Dadri	Jai Shree Ram Stone Crusher, Village Kheri Battar, Charkhi Dadri	Granted
161	Ch. Dadri	Jai Shree Shyam Stone Crusher Vill-Jhojhu Kalan, Charkhi Dadri	Granted
162	Ch. Dadri	Jai Shree Shyam Stone Crusher, Village Kalai, Charkhi Dadri	Granted
163	Ch. Dadri	K.M.P Stone Crusher, Vill Pichopa Kalan, Charkhi Dadri	Granted
164	Ch. Dadri	Jai Siya Ram Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Granted
165	Ch. Dadri	Jhojhu Stone Crusher, Village Jhojhu Kalan, Charkhi Dadri	Granted
166	Ch. Dadri	K V R Minerals Pvt Ltd Unit 2 Vill Kaliyana Charkhi Dadri	Granted
167	Ch. Dadri	K V R Minerals Pvt. Ltd., Village Kaliyana, Charkhi Dadri	Granted
168	Ch. Dadri	Khatu Shyam Stone Crusher, Village Pichopa Kala Charkhi Dadri	Granted
169	Ch. Dadri	Kanhaiya Stone Crusher Vill-Birhi Kalan, Charkhi Dadri	Granted
170	Ch. Dadri	Karan Stone Crusher, Village Asawari, Charkhi Dadri	Granted
171	Ch. Dadri	Krishna Stone Crusher, Vill. Pichopa Kalan, Charkhi Dadri	Granted
172	Ch. Dadri	Krishana Stone Crusher and Supplier Village Kheri Battar Charkhi Dadri	Granted
173	Ch. Dadri	M/s :J M and COMPANY Vill-Pichopa Kalan, Charkhi Dadri	Granted
174	Ch. Dadri	Krishna Stone Crusher-1, Vill. Kheri Battar Charkhi Dadri	Granted
175	Ch. Dadri	Krishna Stone Crusher-II, Vill. Kheri Battar, Charkhi Dadri	Granted
176	Ch. Dadri	Kumar Infra & Mining Projects, Village Jhoju Kalan, Charkhi Dadri	Granted
177	Ch. Dadri	Larsen and Toubro Limited, Vill Kheri Battar Charkhi Dadri	Granted
178	Ch. Dadri	Laxmi Mining Company, Village Tiwala, Charkhi Dadri	Granted

179	Ch. Dadri	Laxmi Stone Crusher, Vill. Mankawas, Charkhi Dadri	Granted
180	Ch. Dadri	Luxmi Stone Crusher, Asawari, Charkhi Dadri	Granted
181	Ch. Dadri	Luxmi Stone Crusher, Vill. Kaliyana, Charkhi Dadri	Granted
182	Ch. Dadri	Mahadev grit udyog PICHOPA KALAN Charkhi Dadri	Granted
183	Ch. Dadri	M/s :Jai Shivam Stone Crusher Village Pandwan, Charkhi Dadri	Granted
184	Ch. Dadri	Maa Pitambara Mines And Cruhsers LLP, Vill Mankawas, Charkhi Dadri	Granted
185	Ch. Dadri	Maa Stone Crusher, Kaliyana, Charkhi Dadri	Granted
186	Ch. Dadri	Maha Laxmi Stone Mills, Vill Mankawas, Charkhi Dadri	Granted
187	Ch. Dadri	Maha Luxmi Stone Cruhsers, Village Bilawal, Charkhi Dadri	Granted
188	Ch. Dadri	Maha Singh Stone Crusher Village Kheri Battar Charkhi Dadri	Granted
189	Ch. Dadri	Mahadev Stone Crusher, Birhi Kalan, Charkhi Dadri	Granted
190	Ch. Dadri	Mahadev stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Granted
191	Ch. Dadri	Mahaluxmi Mines and Stone Crusher VPO Pichopa Kalan, Charkhi Dadri	Granted
192	Ch. Dadri	Mahaluxmi Stone Crusher Village Birhi Kalam, Charkhi Dadri	Granted
193	Ch. Dadri	Mahashay Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Granted
194	Ch. Dadri	Maman Stone Crusher, VPO Kheri Battar, Charkhi Dadri	Granted
195	Ch. Dadri	Maruti Stone Crusher, Village Kheri Battar, Charkhi Dadri	Granted
196	Ch. Dadri	Mayur Stone Crusher, Village Birhi Kala, Charkhi Dadri	Granted
197	Ch. Dadri	MDN Stone Crusher Vill- Pichopa Kalan, Charkhi Dadri	Granted
198	Ch. Dadri	Millan Stone Cusher, Village Kaliyana, Charkhi Dadri	Granted
199	Ch. Dadri	Nandu Stone Crusher, VPO Kheri Batter, Charkhi Dadri	Granted
200	Ch. Dadri	NECC Mines & Mineral, Village Manakawas, Charkhi Dadri	Granted
201	Ch. Dadri	NECC Mining Corporation Unit 2, Village Pandwan Charkhi Dadri	Granted

202	Ch. Dadri	NECC Mining Corporation, Village Pandwan, Charkhi Dadri	Granted
203	Ch. Dadri	NECC Roadways, Village Pandwan, Charkhi Dadri	Granted
204	Ch. Dadri	Neel Kanth Stone Crusher Mill, Village Jhojhu Kalan, Charkhi Dadri	Granted
205	Ch. Dadri	Neelkanth Stone Crusher, Village Kheri Battar, Charkhi Dadri	Granted
206	Ch. Dadri	Neelkanth Mahadev Grit Udyog Vill-Birhi Kalan, Charkhi Dadri	Granted
207	Ch. Dadri	New Avtar Stone Crusher, Vill-Pichopa Kalan, Charkhi Dadri	Granted
208	Ch. Dadri	New Baba Pir Stone Crusher, Kheri Battar, Charkhi Dadri	Granted
209	Ch. Dadri	New Baba Sita Nath Stone Crusher, Village Kaliyana, Charkhi Dadri	Granted
210	Ch. Dadri	New Jai Shree Bala ji Stone Crusher, Village Kheri Battar, Charkhi Dadri	Granted
211	Ch. Dadri	Om Shiv Stone Crusher, Village Jhojhu Kalan, Charkhi Dadri	Granted
212	Ch. Dadri	Om Shivam Stone Crusher, Kaliyana, Charkhi Dadri	Granted
213	Ch. Dadri	Om Shivam Stone Crusher, Village Asawari, Charkhi Dadri	Granted
214	Ch. Dadri	Om Stone Crusher, Mankawas, Charkhi Dadri	Granted
215	Ch. Dadri	Omkara Mines and Crushers, Village Pichopa Kalan, Charkhi Dadri	Granted
216	Ch. Dadri	Pal stone Crusher Vill. Atela Kalan Charkhi Dadri	Granted
217	Ch. Dadri	Panchmukhi Stone Crusher, Village Mankawas, Charkhi Dadri	Granted
218	Ch. Dadri	Pardhan Stone Crusher Village Kaliyana, Charkhi Dadri	Granted
219	Ch. Dadri	Pardhan Stone Crusher Village Pichopa Kala Charkhi Dadri	Granted
220	Ch. Dadri	Partap Stone Crusher, Vill. Kheri Battar, Charkhi Dadri (Old name Baba Pir SC)	Granted
221	Ch. Dadri	Parvat Stone Crusher, Village Kheri Battar, Charkhi Dadri	Granted
222	Ch. Dadri	Pokhar Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Granted
223	Ch. Dadri	Pooja Stone Crusher, Village Kaliyana, Charkhi Dadri	Granted
224	Ch. Dadri	Pritam Sangwan Stone Crusher, Village Asawari, Charkhi Dadri	Granted

225	Ch. Dadri	Pritam Stone Crusher, Asawari, Charkhi Dadri	Granted
226	Ch. Dadri	Prithvi Stone Crusher, Kheri Batter, charkhi Dadri	Granted
227	Ch. Dadri	Purpal Stone Crusher, Village Birhi Kala, Charkhi Dadri	Granted
228	Ch. Dadri	QEM PROCESSING PVT LTD PICHOPA KALAN, Charkhi Dadri	Granted
229	Ch. Dadri	QEM PROCESSING PVT LTD STONE CRUSHER at VILLAGE KHERI BATTAR Charkhi Dadri	Granted
230	Ch. Dadri	R.B.S Stone Crusher Village Kaliyana, Charkhi Dadri	Granted
231	Ch. Dadri	Raj Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Granted
232	Ch. Dadri	Rajbir Stone Crusher VPO Kheri Battar, Charkhi Dadri	Granted
233	Ch. Dadri	Rudhra Stone Crusher, Village Jhojhu Kalan, Charkhi Dadri	Granted
234	Ch. Dadri	Sadbhawna Stone Crusher, Village Kalali, Charkhi Dadri	Granted
235	Ch. Dadri	Salasar Stone Crusher Vill-Kheri Battar, Charkhi Dadri	Granted
236	Ch. Dadri	Sangwan Stone Crusher, Vilalge Birhi Kalan, Charkhi Dadri	Granted
237	Ch. Dadri	Sangwan Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Granted
238	Ch. Dadri	Sanskar Stone Crusher, Kheri Battar, Charkhi Dadri	Granted
239	Ch. Dadri	Saraswati Stone Crusher, Vill Kheri Batter, Charkhi Dadri	Granted
240	Ch. Dadri	Sarvotam Group, Village Kheri Batter, Charkhi Dadri	Granted
241	Ch. Dadri	Satayvir Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Granted
242	Ch. Dadri	Shakti Stone Crusher, Village Kheri Battar, Charkhi Dadri	Granted
243	Ch. Dadri	Shiv Shakti Stone Crusher Village Pichopa Kalan, Charkhi Dadri	Granted
244	Ch. Dadri	Shanti Mobile Stone Crusher, VPO Kheri Battar, Charkhi Dadri	Granted
245	Ch. Dadri	Sheoran Stone Crusher, Village Atela Kalan, Charkhi Dadri	Granted
246	Ch. Dadri	Sheranwali Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Granted
247	Ch. Dadri	Shiv Bhole Shankar Stone Crusher Village Kheri Battar, Charkhi Dadri	Granted
248	Ch. Dadri	Shiv Bhole Stone Crusher Village Kalali, Charkhi Dadri	Granted

249	Ch. Dadri	Shiv Bhole Stone Crusher Vill-Asawari, Charkhi Dadri	Granted
250	Ch. Dadri	SHIV BHOLE STONE CRUSHING Co., Kaliyana, Charkhi Dadri	Granted
251	Ch. Dadri	Shiv Durga Stone Crusher, Village Kheri Battar Charkhi Dadri	Granted
252	Ch. Dadri	Shiv Ganga Stone Crusher, Kaliyana, Charkhi dadri	Granted
253	Ch. Dadri	Shiv Gorakh Stone Crusher, Vill Kheri Battar, Charkhi Dadri	Granted
254	Ch. Dadri	Shiv Shakti Grit Udyog, Village Birhi Kala, Charkhi Dadri	Granted
255	Ch. Dadri	Shiv Shakti Stone Crusher II Village Pichopa Kalan, Charkhi Dadri	Granted
256	Ch. Dadri	Shiv Stone Crushing Co., Village Pichopa kalan, Charkhi Dadri	Granted
257	Ch. Dadri	SHIV SHAKTI STONE CRUSHER, Village Kheri Battar, Charkhi Dadri	Granted
258	Ch. Dadri	Shiv Shankar Stone Crusher Vill-Birhi Kalan, Charkhi Dadri	Granted
259	Ch. Dadri	Shiv Shanti Stone Cruhser, Village Mankawas, Charkhi Dadri	Granted
260	Ch. Dadri	Shiv Stone Crusher, Vill. Atela Kalan, Charkhi Dadri	Granted
261	Ch. Dadri	Shiv Stone Crusher, Village Asawari, Charkhi Dadri	Granted
262	Ch. Dadri	Shiv Stone Crusher, Village Jhojhu Kalan, Charkhi Dadri	Granted
263	Ch. Dadri	Shivji Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Granted
264	Ch. Dadri	Shiva Stone Crusher, Village Birhi Kalan, Charkhi Dadri	Granted
265	Ch. Dadri	Shivalik Stone Crusher, Village Mankawas, Charkhi Dadri	Granted
266	Ch. Dadri	Shivalaya Construction Pvt Ltd Co., Village Kheri Battar, Charkhi Dadri	Granted
267	Ch. Dadri	Shivalya Grit Udyog, Village Mankawas, Charkhi Dadri	Granted
268	Ch. Dadri	Shree Ganesh Stone Crusher Village Pichopa Kalan, Charkhi Dadri	Granted
269	Ch. Dadri	Shree Balaji Stone Crusher, Village Mankawas, Charkhi Dadri	Granted
270	Ch. Dadri	Shree Balaji Stone Crusher, Village Bilawal, Charkhi Dadri	Granted
271	Ch. Dadri	Shree Balaji Stone Crusher, Village Kaliyana, Charkhi Dadri	Granted

272	Ch. Dadri	Shree Laxmi Stone Crusher, Pichopa Kalan, Charkhi Dadri	Granted
273	Ch. Dadri	Shree Mahadev Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Granted
274	Ch. Dadri	Shri Dada Devi Nath Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Granted
275	Ch. Dadri	Shree Ganpati Stone Crushing Mills, Village Ramalwas, Charkhi Dadri	Granted
276	Ch. Dadri	Shri Ganesh Ji Stone Crusher Vill Pichopa Kalan Charkhi dadri	Granted
277	Ch. Dadri	Shree Luxmi Stone Crusher, Kheri Battar, Charkhi Dadri	Granted
278	Ch. Dadri	Shree Maha Luxmi Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Granted
279	Ch. Dadri	Shree Radhe Stone Crusher, Birhi Kalan, Charkhi Dadri	Granted
280	Ch. Dadri	Shree Nanak Stone Crusher, VPO Kheri Battar, Charkhi Dadri	Granted
281	Ch. Dadri	Shri Laxmi Ji Stone Crusher, Pichopa Kalan, Charkhi Dadri	Granted
282	Ch. Dadri	Shree Ram Stone Crusher, Village Kheri Battar, Charkhi Dadri	Granted
283	Ch. Dadri	Shree Shyam Grit Udyog Vill-Ramalwas, Charkhi Dadri	Granted
284	Ch. Dadri	Shree Shyam Stone Crusher Village Jhojhu Kalan, Charkhi Dadri	Granted
285	Ch. Dadri	Shree Shyam Stone Crusher Village Kheri Battar Charkhi Dadri	Granted
286	Ch. Dadri	Shyam Grit Udyog Village Pichopa Kalan Charkhi Dadri	Granted
287	Ch. Dadri	Shyam Stones Vill-Pichopa Kalan, Charkhi Dadri	Granted
288	Ch. Dadri	Shri Giriraj Stone Crusher, Vill. Kheri Battar, Charkhi dadri	Granted
289	Ch. Dadri	Shri Hari Stone Crusher, Village Kheri Batter, Charkhi Dadri	Granted
290	Ch. Dadri	Sohna Aggregate Solutions (18CRD63956) Vill Pichopa Kalan Charkhi Dadri	Granted
291	Ch. Dadri	Shri Ram Stone Crusher, Village Jhoju Kalan, Charkhi Dadri	Granted
292	Ch. Dadri	Shri Rattan Grit Udyog Village Birhi Kala Charkhi dadri	Granted
293	Ch. Dadri	Shri Sai Baba Stone Crusher, Vill. Kheri Batter, Charkhi Dadri	Granted

294	Ch. Dadri	Shri Shivam Stone Crusher, Kheri Batter, Charkhi Dadri	Granted
295	Ch. Dadri	Shri Shyam Stone Crusher Village Kaliyana Charkhi Dadri	Granted
296	Ch. Dadri	Soorya Stone Crusher Village Pichopa Kalan, Charkhi Dadri	Granted
297	Ch. Dadri	Shyam King Stone Crusher Village Jhoju Kalan Charkhi Dadri	Granted
298	Ch. Dadri	SUMAN STONE CRUSHER, V.P.O- Pichopa Kalan, Charkhi Dadri	Granted
299	Ch. Dadri	Silver Stone Crusher Village Kheri Battar Charkhi Dadri (Old name Jai Shiv SC)	Granted
300	Ch. Dadri	Sita Nath Stone Crusher, Village Kheri Battar, Charkhi Dadri	Granted
301	Ch. Dadri	Siwach Stone Cruhsr, Vill. Kheri battar, Charkhi Dadri	Granted
302	Ch. Dadri	Surya Stone Crusher Vill- Pichopa Kalan, Charkhi Dadri	Granted
303	Ch. Dadri	Subh Ram Stone Crusher Village Kheri Battar, Charkhi Dadri	Granted
304	Ch. Dadri	Subham Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Granted
305	Ch. Dadri	Sunrise stone Crusher, Village Kheri Batter, Charkhi Dadri	Granted
306	Ch. Dadri	Super White Stone Crusher, Village Tiwala, Charkhi Dadri	Granted
307	Ch. Dadri	Suraj Stone Crushing CO., Village Mankawas, Charkhi Dadri	Granted
308	Ch. Dadri	Swastik Stone Crusher, Village Pichopa Kalan, Charkhi Dadri	Granted
309	Ch. Dadri	Suryawanshi Stone Crusher, Village Kheri Batter, Charkhi Dadri	Granted
310	Ch. Dadri	Swastik Stone Crusher, Village Birhi Kalan, Charkhi Dadri	Granted
311	Ch. Dadri	Taj Stone Crusher, Vill. Kheri Battar, Charkhi Dadri	Granted
312	Ch. Dadri	Thadeshri Stone Crusher Vill-Mankawas,Charkhi dadri	Granted
313	Ch. Dadri	Trishul Stone Crushing Mills Vill-Jhojhu Kalan, Charkhi Dadri	Granted

314	Ch. Dadri	Uma Stone Crusher, Village Asawari, Charkhi Dadri	Granted
315	Ch. Dadri	United Stone Crusher, Village Kheri Battar, Charkhi Dadri	Granted
316	Ch. Dadri	V K Stone Crushing Co Vill-Birhi Kalan, Charkhi Dadri	Granted
317	Ch. Dadri	Venus Stone Crusher Village Kheri Battar Charkhi Dadri	Granted
318	Ch. Dadri	Vikas Stone Crusher, Mankawas, Charkhi Dadri	Granted
319	Ch. Dadri	Vishal Stone Crusher, Village Kheri Batter, Charkhi Dadri	Granted
320	Ch. Dadri	Zamidar Stone Crusher Village Kaliyana, Charkhi Dadri	Granted
321	Ch. Dadri	Vijay Stone Crusher, Village Pichopa kalan, Charkhi Dadri,	Granted
322	Ch. Dadri	Shree Partap Stone Crusher, Kaliyana, Charkhi Dadri	Granted
323	Ch. Dadri	JHANDEWALA STONE CRUSHER, VILLAGE KHERI BATTAR, Charkhi Dadri	Granted
324	Ch. Dadri	Yash Stone Crusher, Kheri Batter, Charkhi Dadri	Granted
325	Ch. Dadri	Sanjay Stone Crusher, Village- Kheri Batter, Charkhi Dadri	Granted
326	Ch. Dadri	Shree Shyam Grit Udyog Village Kheri Batter Charkhi Dadri	Granted
327	Ch. Dadri	Jai Shri Shivam Stone Crusher, Kheri Batter, Charkhi Dadri	Granted
328	Ch. Dadri	Vishnu Stone Crusher, Kheri Batter, Charkhi Dadri	Granted
329	Ch. Dadri	Royal Stone Crusher Village Kaliyana Distt Charkhi Dadri	Granted
330	Ch. Dadri	EDDY BUILDERS PRIVATE LIMITED, VPO KHERI BATTAR, Charkhi Dadri	Granted
331	Ch. Dadri	S K STONE CRUSHER, Khewat No. 356, Khatoni NO. 404 & Khewat No. 763 Khatoni NO. 862, M./Kila No. 101//1(8-0), 2 min West (4-0), 9 min North-West(1-16)& 10 Min North(4-0) at Vill-Kheri Battar, Tehsil & Distt- Charkhi Dadri	Granted
332	Ch. Dadri	Balaji Stone Crusher, VPO Kaliyana, Charkhi Dadri	Granted
333	Ch. Dadri	Rao Stone Crusher Co., Village Kaliyana Charkhi Dadri	Granted
334	Ch. Dadri	Bhartho Devi Stone Crushe, Village Kheri Batter, Charkhi Dadri	Granted
335	Ch. Dadri	Gawar Construction Ltd., Village Mankawas, Charkhi Dadri	Granted

336	Ch. Dadri	kanshi Ram Stone Crusher, Village Mankawas, Charkhi Dadri	Granted
337	Ch. Dadri	Neelam Stone Crusher Vill Pichopa Kalan, Charkhi Dadri	Granted
338	Ch. Dadri	New Bharat Stone Crushing Company, VPO PICHOPA KALAN, Charkhi Dadri	Granted
339	Ch. Dadri	Om Stone Crusher, Kheri Batter, Charkhi Dadri	Granted
340	Ch. Dadri	Rajesh Stone Crusher, Pichopa Kalan, CharkhiDadri	Granted
341	Ch. Dadri	Rakesh Malik Stone Cruhser Vill-Pichopa Kalan, Charkhi Dadri	Granted
342	Ch. Dadri	Shree Dada Dohla Stone Crusher Vill Kheri Battar, Charkhi Dadri	Granted
343	Ch. Dadri	Shree Satyam Stone Crusher, Kheri Battar, Charkhi Dadri	Granted

To

Regional Officer  
Haryana State Pollution Control Board

From

Dr. Ankur (Representative of Health Department)

Sub:- Submission of Action Taken report before Hon'ble National Green Tribunal in the matter of 607 of 2018 titled as Vinod Jangra vs State of Haryana & ors.

With reference to subjected cited above and in continuation of Minutes of the meeting held on dated 28.12.2021 at DC Office, Charkhi Dadri in compliance of Hon'ble National Green Tribunal in the matter of 607 of 2018 titled as Vinod Jangra vs State of Haryana & ors. The Hon'ble National Green Tribunal in its order dated 26.10.2021 in Oa number 607 of 2018 in the matter of Vinod Jangra vs State of Haryana & ors decided "Let a joint committee of CPCB, State PCB, District magistrate Charkhi dadri and Bhiwani, Jurisdictional Conservator of forest, nominee of IIT Delhi who may be expert on the subject of air pollution and a Pulmonologist nominated by DG Health, Haryana meet within two weeks and ponder over the issue.

In continuation of above said order health survey camps on 3 crushers was organized till date under the leadership of Dr. Rashmi Arora Pulmonologist nominated by DG Health, Haryana and 122 workers were screened and tested for various respiratory as well as non communicable diseases.

Same camps will be organized in coming months threw out the year.

Submitted for information and necessary action.

  
Dy. Civil Surgeon  
Charkhi Dadri

## Annexure - R7



**Prof. Sagnik Dey**  
Institute Chair Professor  
Centre for Atmospheric Sciences

**भारतीय प्रौद्योगिकी संस्थान दिल्ली**  
**INDIAN INSTITUTE OF TECHNOLOGY DELHI**  
Hauz Khas, New Delhi - 110 016, India  
Tel. : 91-11-2659 1315 (O)  
Cell : +91-9873544872  
E-mail : sagnik@cas.iitd.ac.in  
: sagnikdey.iitd@gmail.com  
Web. : <http://web.iitd.ac.in/~sagnik>

**04<sup>th</sup> January 2023**

To whom it may concern

I hope our note finds you well.

I, Prof. Sagnik Dey from the Indian Institute of Technology, Delhi (IIT-D), am writing to you regarding the action for enforcement of the environmental norms under the Air (Prevention and control of pollution) Act, 1981 by the stone crushers in District Charkhi Dadri, Haryana. According to the applicant, the environment cannot sustain the large number of crushers running consciously regularly, resulting in air and water pollution beyond norms, adversely affecting the environment and public health.

To measure Particulate Matter (PM) concentration in the crusher zones of Charkhi Dadri district, my team members from IITD visited the area and choose three sites for measurements (at each site monitoring was performed for 8 hours on 5<sup>th</sup> and 6<sup>th</sup> October 2022). The Air monitoring instruments were placed very close to the running crusher units and ran continuously for 8 hours at each location. We made sure that crusher units were working during the operation. All the measurements were performed in the presence of Mining officer of Charkhi Dadri and Sub Divisonal officer (SDO). The team, available from the mining officer of Charkhi Dadri's side, shared new filter papers with us, and after sampling for 8 hours, our team handed over the used filter papers to them for the lab measurements. The reports of the samples collected from all three locations are attached to this summary. From the results, I have a few conclusions noted below:

- 1) We noticed that all the crusher units are approximately 1-km away from the main road and quite far from the residential area. We saw that dust generated by the crusher units mostly settled within 1-km distance. Continuously, the water sprinklers were being used to accelerate dust settling.

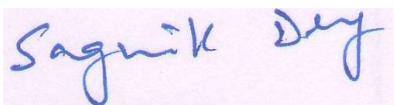
- 2) The  $PM_{2.5}$  values measured during these experiments ( $15-18 \mu\text{g}/\text{m}^3$ ) were lower than NAAQS. Our team did the sampling with the instrument provided and we did not have time to check the calibration for  $PM_{2.5}$  inlet. In my opinion, such low values are unusual and such low  $PM_{2.5}/PM_{10}$  ratio (0.04) has not been reported earlier.  $PM_{2.5}$  values in this month in the past few years were in the range  $50-150 \mu\text{g}/\text{m}^3$  as measured by the nearest CAAQMS. Longer measurements are required to make conclusive remarks on the variability of  $PM_{2.5}$ .
- 3) The  $PM_{10}$  values in the report seem to be appropriate.

Following necessary actions are required to minimize the impacts of PM on the environment.

- 1) We noticed that  $PM_{10}$  were very high during the monitoring time. Long-term monitoring of  $PM_{10}$  and  $PM_{2.5}$  are required regularly inside the crusher zone, so that reliable data can be established for operating and non-operating periods.
- 2) Dispersion modelling needs to be carried out to estimate the dispersion of PM generated by the crushing units in contrasting meteorological conditions. Carrying capacity analysis will allow us to generate data to decide on the optimum number of units based on the meteorological conditions.
- 3) Whenever the  $PM_{10}$  values exceed 'high' levels, the number of running crusher units needs to be reduced and the operating period should be shortened.
- 4) Movement of heavy-duty vehicles need to be restricted while crushers are running. Specific timings should be allotted to transport material from crusher zones while the crusher unit is entirely shut down.
- 5) In the winter, local activities like wood fires and the burning of angithi etc. should not be permitted or need to be reduced.

Thank you

Regards



Prof. Sagnik Dey (IIT Delhi)