
HARYANA STATE POLLUTION CONTROL BOARD**C-11 Sector-6, Panchkula****Ph – 0172- 577870-73, Fax No. 2581201****E-mail- hspcbplanning@gmail.com****Website: hspcb.org.in**

Date: 15-05-2025**To**

The Member Secretary,
State Environment Impact Assessment Authority (SEIAA)
Bays No. 55 - 58, Prayatan Bhawan,
1st floor, Sector 2, Panchkula.

Sub: Proceedings of the Public Hearing under the provisions of EIA Notification, 2006 conducted for the proposed Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur- Bhaskola Unit) at Village: Lalpur, Mahawatpur, Maujmabad, & Baskola Tehsil & District: Faridabad and State: Haryana (Mining lease area: 134.40 acres (53.76 ha), with Production capacity of 17,82,000 MTPA by M/s. RV Enterprises.

Kindly refer to reference dated 18.04.2025 on the subject noted above.

Please find enclosed herewith the proceeding of the public hearing conducted on 18.02.2025 at 11:00 AM. under the provisions of EIA Notification dated 14.09.2006 for Draft EIA/EMP Report, Executive Summary in English & Hindi (hard copy) for proposed Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur- Bhaskola Unit) at Village: Lalpur, Mahawatpur, Maujmabad, & Baskola Tehsil & District: Faridabad and State: Haryana (Mining lease area: 134.40 acres (53.76 ha), with Production capacity of 17,82,000 MTPA by M/s. RV Enterprises. Haryana State forwarded by Regional Officer, Faridabad Region, Haryana State Pollution Control Board vide letter dated 18.04.2025 alongwith attendance sheet, CD, pen drive photographs and other relevant documents for information and further necessary action.

DA/as above.

Digitally signed by

VIKAS CHAND

Date: 15-05-2025

Env. Engineer (HQ)
For Member Secretary

Endst. No.**Date:**

A copy of above alongwith copy of proceeding with attendance sheet is forwarded to following for information and further necessary action please:-.

1. The Secretary, Impact Assessment division –II (I), Minister of environment forest and climate change (MoEF) India Paryavaran Bhavan, Vayu Wing, 3rd floor, Aliganj Jor Bagh Road, New Delhi 110003
2. The Additional Chief Secretary to Govt. Haryana, Environment Forest and Wild Life Department.
3. The Director, Environment Forest and Wild Life Department, Haryana.

4. The Deputy Commissioner, Faridabad.
5. The Chairman, Zila Parishad, Faridabad.
6. The Commissioner, Municipal Council, Faridabad.
7. District Development and Panchayat Officer, Faridabad.
8. The Joint Director, District Industries Centre, Faridabad.
9. Regional Officer, Faridabad Region. He is requested to send the copy of proceedings to all the concerned Village Panchayat for displaying in the same their offices.
10. PS to Chairman.
11. PA to Member Secretary.
12. Nodal Officer-IT for uploading the proceeding on the website of the Board.
13. M/s R. V. Enterprises Shop No. 283, First Floor, New Grain Market, Nissing, District Karnal, 132024, Karnal, Karnal, Haryana, Near Grain Market, 132024

DA/Copy of Proceeding

**Env. Engineer (HQ)
For Member Secretary**

**HARYANA STATE POLLUTION CONTROL BOARD**

Faridabad Region, Opp. Hewo Appmt., Sector-16A,
Faridabad

Email: hspcbrofr@gmail.com Website:
www.hspcb.gov.in



To

The Chairman,
Haryana State Pollution Control Board,
Panchkula, Haryana

Kind Attention: Sr. EE- Solid Waste Branch (HQ)

Sub: Proceedings of the Public Hearing under the provisions of EIA Notification, 2006 conducted for the proposed Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur- Bhaskola Unit) at Village: Lalpur, Mahawatpur, Maujmabad, & Baskola Tehsil & District: Faridabad and State: Haryana (Mining lease area: 134.40 acres (53.76 ha)), with Production capacity of 17,82,000 MTPA by M/s. RV Enterprises.

Kindly refer to the subject noted above, In this regard, please find enclosed herewith the duly signed Proceedings of the Public Hearing under the provisions of EIA Notification, 2006 conducted for the proposed Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur- Bhaskola Unit) at Village: Lalpur, Mahawatpur, Maujmabad, & Baskola Tehsil & District: Faridabad and State: Haryana (Mining lease area: 134.40 acres (53.76 ha)), with Production capacity of 17,82,000 MTPA by M/s. RV Enterprises under chairmanship of Sh. Sahil Gupta, IAS ADC, Faridabad and under the supervision of Deputy Commissioner, Faridabad on 18.02.2025 at 11:00 AM. The original proceedings with one photo copy, one sets video recording (Pen drive), two sets of Photo albums, copies of original attendance register and Annexures are also attached for further submission to Competent Authority for approval.

Submitted for kind information, and further necessary action, please.

DA: As Above

Digitally signed by
SANDEEP SINGH
Date: 18-04-2025
19:39:13
Regional Officer
Faridabad Region

MINUTES OF PUBLIC HEARING

PROJECT	MINING OF SAND (MINOR MINERAL)
PROJECT PROPONENT	M/S RV ENTERPRISES
CATEGORY UNDER EIA NOTIFICATION	NON-COAL MINING CATEGORY 'B' OF ACTIVITY 1(A)
MEETING VENUE	VILLAGE - MAHAWATPUR, TEHSIL & DISTRICT - FARIDABAD, STATE - HARYANA
MEETING DATE & TIME	18TH FEBRUARY 2025, 11:00 MORNING
MEETING TYPE	OFFLINE

Minutes of Public Hearing under the provisions of EIA Notification, 2006 conducted for the proposed Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur- Bhaskola Unit) at Village: Lalpur, Mahawatpur, Maujmabad, & Baskola Tehsil & District: Faridabad and State: Haryana (Mining lease area: 134.40 acres (53.76 ha)), with Production capacity of 17,82,000 MTPA by M/s. RV Enterprises.

The following Government Officers took part and conducted the Environmental Public Hearing:

1. Sh. Sahil Gupta, IAS ADC, Faridabad (In Chair)
2. Sh. Sandeep Singh, Regional Officer, HSPCB, Faridabad.
3. Smt Kamlesh Kumar, Mining Officer, Faridabad.
4. Sh. Chander Sekher, MA, Faridabad.
5. Sh. Vyom Vasishta, AEE, HSPCB, Faridabad.
6. Sh. Sajid, JEE, HSPCB, Faridabad.

The following representatives of M/s. RV Enterprises were present:

1. Mr. Vipin Sharma

The following representative of EIA Consultants, Parivesh Environment Engineering Services (QCI-NABET Approved EIA Consultant)

1. Mr. Harendra Kumar
2. Mr. Mahfooz Khan

Sandeep Singh, Regional Officer, Faridabad, HSPCB, first welcomed and greeted everyone and asked for the permission to start the hearing from the Additional Deputy Commissioner, Faridabad. After receiving the permission, Sandeep Singh invited Mr. Harendra Kumar, representative of EIA Consultant, to brief and present the EIA study to everyone about the project.

Mr. Harendra Kumar, representative of EIA Consultant conveyed his greetings and presented the Project Synopsis and EIA study with a Power Point Presentation to the officers and public present in the occasion. He briefed about the salient features of the project, the baseline observations, impacts and mitigation measures undertaken and proposed by the project proponent. The essence of the presentation are:

1. Letter of Intent (LOI) was issued by the Director Mines & Geology Haryana vide letter no. DMG/HY/Mahawatpur-Bhaskola/Faridabad/2024/2877 dated 14-06-2024 for Mining of Sand (Minor Mineral) in Mahawatpur-Bhaskola Unit, comprising Lalpur, Mahawatpur, Maujmabad and Bhaskola villages over an area of 134.40 acres (53.76 hectares) in district Faridabad, Haryana for a period of 09 years.



2. The proposed project involves mining of minor mineral i.e. sand from the bed of river Yamuna, at Village- Lalpur, Mahawatpur, Maujmad and Bhaskola, Tehsil & District- Faridabad, Haryana from an auctioned area of 134.40 acres (53.76 ha).
3. The capital cost for the project will be Rs. 16.65 Crores including proposed lease area and machinery will be hired on contract bases.
4. The applicant, applied for environment clearance to Haryana State Environmental Impact Assessment Authority (Haryana SEIAA) on date 15.09.2024 (online) vide proposal no. SIA/HR/MIN/496786/2024 to obtain "Terms of Reference" (ToR). The standard ToR was issued by State Level Environment Impact Assessment Authority; Haryana vide TOR Identification No. TO24B0107HR5745538N dated 20.09.2024. The proponent was also asked to conduct the public hearing on this project. Accordingly, the public hearing was carried out on dated 18-02-2025 at Village Mahawatpur, Faridabad.
5. It was presented that the mine location does not fall under any sensitive zone.
6. The mining is proposed through an opencast mechanized method without drilling and blasting.
7. Highest elevation in riverbed at extreme north end is 141.96 mRL and bank top level is 145.77 mRL whereas the levels at the extreme south end in riverbed is 136.96 mRL and Riverbank top is 141.19 mRL. The Yamuna River flows from N to S direction in Lalpur, Mahawatpur, Maujmad, Bhaskola revenue villages.
8. The minor mineral i.e. sand is proposed to be excavated by Light weight excavators and will also be used for loading of mineral in tippers.
9. The loading of the mineral shall be mechanical while transport of mineral from riverbed shall be done by private trucks/tippers operators (which should be covered by tarpal).
10. Total lease area is replenishable yearly.
11. Mineral extraction will be done for a period of about 280 days in a year.
12. The total water requirement is 28.40 KLD as estimated. 9.60 KLD for Dust Suppression, 13.10 KLD for Greenbelt / Plantation & 5.80 KLD for Domestic Requirement. Water will be supplied by private water tanker.
13. It is proposed to plant 13,100 nos. of plantation on riverbank bunds, ancillary area & connected haul road with consultation of local administration and Forest department.
14. Adequate measures will be adopted to minimize the impact of pollutants generated from mining activities.
15. Water sprinkling and plantation on haul roads shall be done for controlling Air Pollution.
16. An amount of Rs. 33.30 lakhs shall be incurred for improvement of biological environment of area which will include survey for presence of Schedule Wildlife as per Indian Wildlife (Protection) Act, 1972 and amendments thereof; tree plantation; training and awareness camps and procurement of GPS, Camera Traps etc.
17. A budget of Rs. 20.00 Lakhs has also been earmarked under Environment and Social Responsibility for the project. This includes health check-up camps; Insurance cover to workers; assistance to local schools, panchayat; improvement of toilets and drinking water facilities and assistance to Self Help groups etc.
18. For the Environmental Management Plan, a budget of Rs. 18.00 Lakhs as a capital cost and Rs. 5.30 Lakhs as a recurring cost has been earmarked for the protection of the environment. The activities include are monitoring of Air, Noise, Water pollution; water sprinkling, fencing for plantation; plantation; rainwater harvesting; roads repair and maintenance and survey for sedimentation in riverbed.



19. It was also mentioned that the amount of Rs. 1.05 crores/annum (i.e. 10% of lease amount/annum) for 09 years shall be deposited to the DC Office, Faridabad and the panchayat of Lalpur, Mahawatpur, Maujmad, Bhaskola villages may approach DC office and request for this amount for development works in the village.

Thereafter, public opinion on environmental issues due to the proposed mining project was sought. Sandeep Singh, Regional officer, Faridabad, HSPCB asked the public to submit their queries/ suggestions.

Pointwise Questions and Reply presented to the Public

S. No.	Name and Address	Objection and Suggestion	Answer
1.	Shri Lalit Kumar Village: - Lalpur	<ol style="list-style-type: none"> Farmer suffer crop losses. There is a lot of damage to the road and potholes are formed. Due to rain and movement of vehicles, potholes are formed on the roads and accidents occur frequently, which should be resolved. If any road gets damaged due to mining, then it should be repaired by the lease holder. 	<ol style="list-style-type: none"> Mining activities will be carried out in accordance with the approved mine plan and the regulations set by the government to prevent any crop losses. In the event that the project proponent fails to adhere to these regulations, the Haryana State Pollution Control Board or the Mining Department will take stringent action. After mutual agreement with the landowners, a different route for this mining project will be proposed to avoid any disturbance to the settlement. Maintenance and repair of these roads can be completed from the Distt. Mineral Funds which is 2.5% of the instalment of the Project Proponent. Mining activities should not be conducted during the monsoon season, and roads can be repaired from Distt. Mineral Funds. Already replied at no. 3..
2.	Shri Rajveer Chauhan Village: - Lalpur	<ol style="list-style-type: none"> There is a farmer's land at a distance of 50 meters from the Yamuna River. If the farmers do not give their land, then how will they do mining. Farmer's crops suffer loss. There is a lot of damage to the road and potholes are also formed. They damage the roads built by the government. Trucks do not follow on any particular route at night 	<ol style="list-style-type: none"> The Director Mines & geology, Haryana was issued a letter of intent (LOI) in the name of M/s RV Enterprises for 9 years. So, RV Enterprises will obtain lands from farmers after mutual agreements. The project proponent will make sure that there won't be any impact on crops from the proposed mining activities and if any such thing happens then Haryana State Pollution Control Board/Mining

S. No.	Name and Address	Objection and Suggestion	Answer
			<p>department will take immediate action on it.</p> <p>3. After mutual agreement with the landowners, a different route for this mine project will be proposed to avoid any such conditions. Maintenance and development of these roads will be done by project proponent.</p> <p>4. Maintenance and repair of Govt roads can be completed from the Distt. Mineral Funds which is 2.5% of the instalment of the Project Proponent.</p> <p>5. The concerned department will make sure that the rules regarding this issue will be followed strictly.</p>
3.	Shri Manoj Village: - Mahavatpur	1. Farmers suffer losses when their fields are damaged, which is why we protest.	1. Lease was sanctioned by the State Government of Haryana and the mining activity will be done under the rules and regulations of government as well as approved mining plan. So, the project proponent will make sure that there will not be any possibility of cutting their lands as well as crops during the mining activity. Further In the event that the project proponent fails to adhere to these regulations, the Haryana State Pollution Control Board or the Mining Department will take stringent action.
4.	Shri Prem pal Village: - Mahavatpur	<p>1. The road is through our fields, the dust from vehicles on a road running through the fields can definitely harm crops and affect the overall yield.</p> <p>2. Also the road is not so wide that vehicles can move on that route.</p>	<p>1. The transportation of all materials will be properly covered to mitigate dust pollution. In the event of non-compliance, the Police Department, Mining Department will take stringent action against the project proponent.</p> <p>2. After mutual agreement with the landowners, a different route for this mine project will be proposed to avoid any disturbance to the settlement. Further Mining department will</p>

S. No.	Name and Address	Objection and Suggestion	Answer
			check the feasibility of the route.
5.	Shri Sumit Village: - Mahavatpur	<ol style="list-style-type: none"> 1. We are not satisfied with this mining and will not get any benefits from it. 2. Our crops will get damaged and farmers will be forced to sell their lands. 3. There is a lot of damage to the road and potholes are also formed. 4. Why mining is to be done in our village. There may be an alternate for this option. 	<ol style="list-style-type: none"> 1. Balanced approach is needed for overall development of the country and infrastructure and agriculture should both go hand in hand. Further the lease was sanctioned by the State Government of Haryana and the mining activity will be done under the rules and regulations of government as well as approved mining plan. 2. The project proponent will make sure that there won't be any impact on crops from the proposed mining activities. In the event that the project proponent fails to adhere to these regulations, the Haryana State Pollution Control Board or the Mining Department will take stringent action. 3. Already replied. 4. Government of Haryana has already earmarked this site for the mining.
6.	Shri Jai Prakash Chauhan Village: - Mahavatpur	<ol style="list-style-type: none"> 1. Since mining will be done in our fields, crops will be damaged and pits will be created due to mining activity. 2. If the land belongs to the farmers then why do the minerals not belong to the farmers? 	<ol style="list-style-type: none"> 1. Mining will be done as per the rules and regulations and further, Project Proponent will make sure that dust mitigation measures are taken properly so that there won't be any impact on fields. Haryana State Pollution Control Board will take strict action against violations of rules. Further after completion of the Mining activity the Project Proponent will bind up the site as per well-defined Rules of the Mining Department. 2. As per rules, the Minerals belong to the Government.
7.	Shri Rajveer Chauhan Village: - Lalpur	<ol style="list-style-type: none"> 1. How many mining lease roads will be constructed, and where will they be developed? 	<ol style="list-style-type: none"> 1. The transportation route will be beyond the habitation. After mutual agreement with the landowners, a different route for this mine project will be proposed to avoid any disturbance to the settlement..

S. No.	Name and Address	Objection and Suggestion	Answer
		3. Vehicles should run at particular time during the day so that no accidents occur.	would move at the time of school dismissal. Additional speed breakers will be installed on these routes and speed limits will be strictly enforced. 3. Mining activities will be conducted only during the day. A signboard with speed breakers will be installed along the route to help reduce any potential incidents or inconvenience

The Additional Deputy Commissioner, Faridabad, also mentioned that a DLTF meeting is held every month under the chairmanship of the Deputy Commissioner, Faridabad, during which any mining-related issues can be discussed and problems can be resolved.

As there were no further questions, Mr. Sandeep Singh, Regional Officer, Faridabad, HSPCB, concluded the ceremony of Public Hearing with the permission of the Additional Deputy Commissioner, Faridabad.

Sandeep Singh, Regional Officer, Faridabad, HSPCB thanked the public and officers for attending the public hearing.

The Public Hearing was concluded with a vote of thanks to the chair.

Minutes submitted for approval please.


Regional Officer, Faridabad
Haryana State Pollution Control Board
Faridabad Region

Proceedings of the public hearing are submitted for approval pls.

Ld. Additional Deputy Commissioner,
Faridabad

hail -
25.03.2025

Ld. Deputy Commissioner

*Report of the committee be forwarded & as it is
& to proceed as per rules*

HW

RO



तारीख: 18.02.2025, समय: 11.00
स्थान: परियोजना स्थल, जिला फरी

भावेदक :

सर्स आरवी एंटरप्राइजेज
रियाणा

पर्यावरण सलाहकार :

परिवेश एनविरोनमेंटल इन्वाइरन्मेन्टल इंजीनियरिंग सर्विसेस
प्रमाण पत्र संख्या 2124/IA 0092 (Rev. 01)







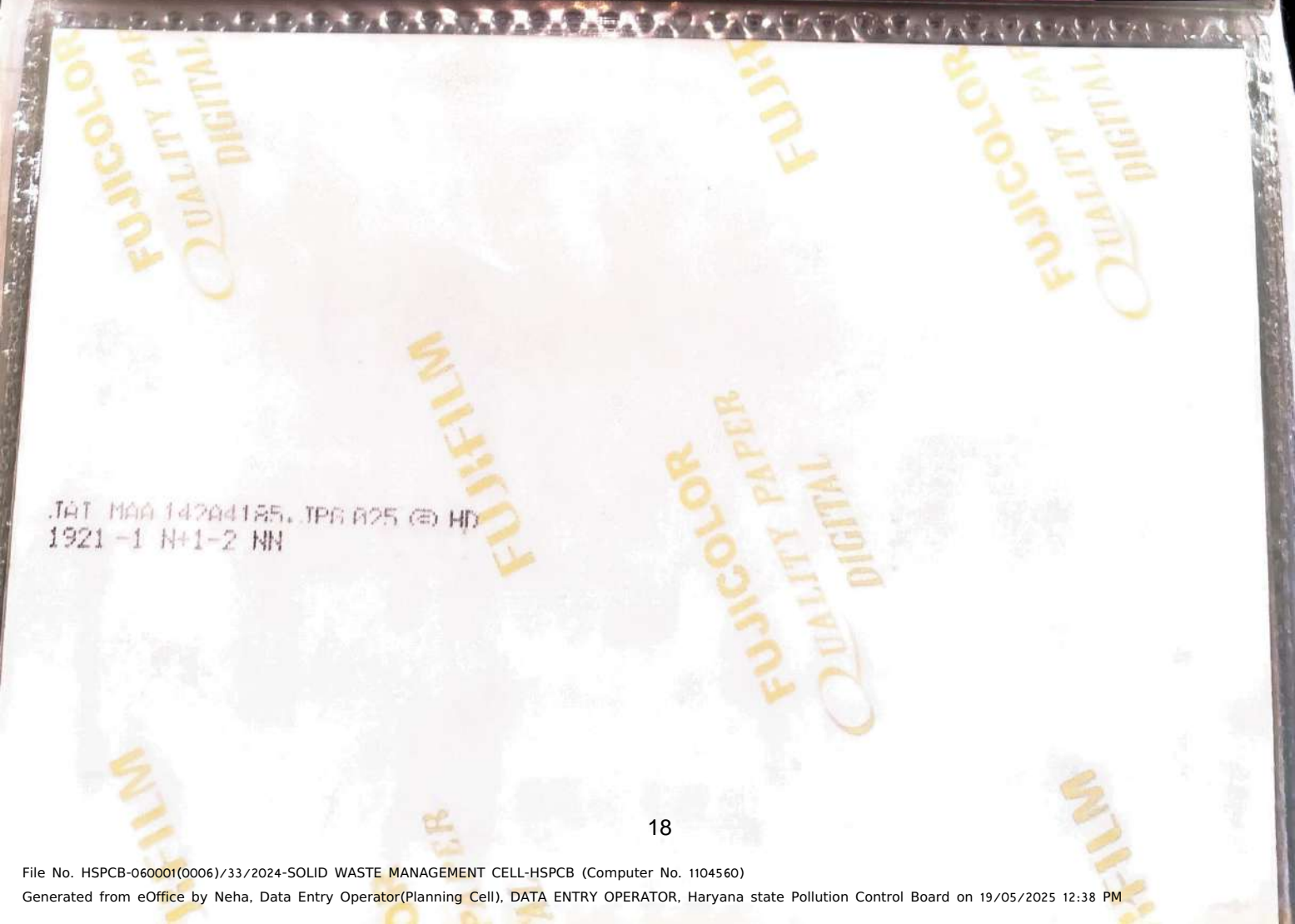
















पदक : पर्यावरण सलाहकार :

मर्स आरवी एंटरप्राइजेज
हियाणा

परिवेश एनविरोनमेंटल इन्वाइरन्मेंटल इंजीनियरिंग सर्विसेस
प्रमाण पत्र संख्या - NABET /EIA/2124/IA 0092 (Rev. 01)

आयोजक :
हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड





Attendance Register

Love to write in it.

Attendance Register


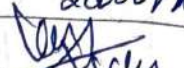
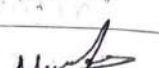
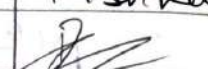
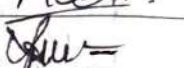
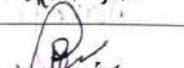
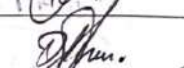
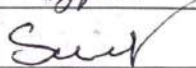
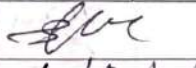
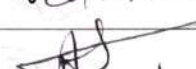
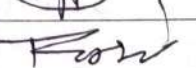

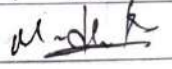

Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur- Bhaskola Unit) with 17,82,000 MT/year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmabad and Baskola, Tehsil & District Faridabad and State Haryana - Regarding Submission of Draft EIA (Environment Impact Assessment) Report for conducting Public Hearing as per provision of EIA notification 2006 (amended thereof)

The date of hearing is fixed for 18.02.2025 at 11:00 AM

NOTEBOOK

23

SrNo	Name	Village	Mobile NO	Signature
01	Lalit Sarpanch	Lalpur	9810999824	
2.	Jai Bhagwan	"	9717065344	
3.	Shiv Ram	"	9971321945	Shiv Ram
4.	Sunil Kumar	"	8307929520	Sunil Kumar
5.	Rupil Chauhan	"	8800678079	
6.	Tara Chand	"	9871656174	
7.	Mahesh Singh	"	7840015558	
8.	Pritam Chauhan	"	8505905560	Pritam
9.	Harsh	"	9990690138	Harsh
10.	Vikram Ghosh	"	9999948666	
11	Deepak	"	8285796454	Deepak
12.	Yashpal Chauhan	"	9910298483	Yashpal
13.	Sunil Kumar	Mahawattpur	-9312306133.	
14.	Mahipal Chauhan	Mahawattpur	-9999785541	Mahipal
15.	Vicky Chauhan	"	9711812244	Vicky
16.	Ranbeer	"		Ranbeer
17.	Manoj Chauhan	"	8930937887	Manoj
18.	Chintu Chauhan	"	9711569578	Chintu
19	सहाय	"		सहाय
20	सहाय - 11	"		सहाय
21	सहाय 1101-1190	"	9667161014	सहाय
22	सहाय	"	9416022041	
23	सहाय	Lalpur		
24	सहाय	सहाय		
25	Gordar	Lalpur		
26	Sund.	सहाय	94660-94922	
27	K.C. Singh	सहाय	94660-67572	
28	सहाय	सहाय	92151-71006	
29	Parth	सहाय	85790-11490	Parth
30	सहाय	"	97283-11907	
31	Sushant	सहाय	94660-4118	

Sr. No.	Name	Village	Mobile No	Signature
32	Meghraj		8930266552	
33	एलुल	हेरिका	8860561733	एलुल
34	Satish	मिहल	7834976910	Satish
35	Vijayam	Blupari	9799443666	
32	गदत		9136713756	गदत
33	गुमल		9971414593	Premal
38	गुमल		8527863700	Ashu
39	दिक		9891330070	दिक
40	Navar		9560293441	
41	Krishna	Bhupari	9650269309	Krishna
42	Dilip Thakur	Bhupari	8882191633	
43	Majank Dahiya	Bhupari	9810515530	Majank
44	Deepak	Bhupari	9953804587	Deepak
45	Abhay Sharma	Bhupari	9810515530	Abhay
46	Meet Atrish	Bhupari	9810515530	Meet
47	Ramda	महल	98962-4108	
48	रामदा	महल	98966-47381	रामदा
49	Ravi Kumar	महल	9582695100	
50	Manish Sharma	महल	9416022044	
51	Samash	महल	9971747159	
52	Subhash Chandra	महल	9871938138	
53	Ved Prakash	महल	9560436542	Ved Prakash
55	गुमल	Bhupari	9817536004	
56	राजदी	महल	9991147796	
57	Mannu Pandit	महल	9718250005	
58	Madhu Kan	महल	9582514444	
59	Sun	महल	9540701034	
60	WPHOL	Bhupari	9540582445	
61	Bhol	पारल	8881992244	
62	Pooja	Bhupari	9416716440	
63	Ravi	Bhupari	9941728281	
64	Rishabh	Bhupari	7081222525	

SrNo.	Name	Village	Mobile No.	Signature
65	deepak	Mauwa	=	
66	leelu	Mauwa	=	
67	Ravi	Mauwa	=	
68	Jagat	Mauwa	8851135079	<i>[Signature]</i>
69.	Shankar	Mauwa	8920840417	<i>[Signature]</i>
70	शिवजी गोठ	मावा-11/2	9312571427	<i>[Signature]</i>
71	Shiv Kumar	1/	9821563003	<i>[Signature]</i>
72	VIKASH CHOUDHARY	मावा-11/2	9313112800	<i>[Signature]</i>
73	हरन	मावा-11/2	=	



HARYANA STATE POLLUTION CONTROL BOARD
C-11, SECTOR-6, PANCHKULA
Ph-0172-577870-73, Fax No. 2581201
hspcb-solidwaste@gmail.com
Website: hspcb.org.in

To

The Regional Officer,
HSPCB, Faridabad

Subject: Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River ((Mahawatpur-Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmabad, and Baskola, Tehsil & District Faridabad and State Haryana - Regarding Submission of Draft EIA (Environment Impact Assessment) Report for Conducting Public Hearing as per provision of EIA Notification 2006 (amended thereof).

Kindly refer to the subject noted above.

Please find enclosed herewith a copy of letter dated 01.10.2024 along-with EIA report, executive summary & CD for your information and you are asked to coordinate with concerned Deputy Commissioner and to obtain the suitable date of public hearing for the above said project and inform to this office, so that the date of hearing could be fixed according at least before 45 days as per provision of EIA notification.

DA/As Above

Signed by
Vikas Chand
Date: 11-10-2024 15:54:02
Env. Engineer (HQ)
For CEE

RV ENTERPRISES

H OFFICE : Shop No - 283, 1st Floor
New Grain Market, Nissing,
Karnal - 132024



SITE ADDRESS :
Village - Mahawatpur-Baskola,
District - Faridabad,
Haryana - 121002

Date: 01.10.2024

To

The Member Secretary,

Haryana State Pradesh Pollution Control Board,
C-11, Sector-6, Panchkula,
Haryana - 134109, India

Subject: Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River ((Mahawatpur-Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmabad, and Baskola, Tehsil & District Faridabad and State Haryana - Regarding Submission of Draft EIA (Environment Impact Assessment) Report for Conducting Public Hearing as per provision of EIA Notification 2006 (amended thereof).

Ref.: State Level Environment Impact Assessment Authority, Haryana - TOR Proposal Number SIA/HR/MIN/496786/2024 on dated 20.09.2024.

Sir,

With reference to above mentioned subject, M/s RV Enterprises has proposed Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur-Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmabad, and Baskola, Tehsil & District Faridabad and State Haryana. M/s RV Enterprises has appointed Parivesh Environmental Engineering Services, a NABET accredited consultant vide NABET/EIA/2124/IA 0092 (Rev. 01), for conducting EIA study and obtaining Environmental Clearance as per EIA Notification, 2006 and its subsequent amendments.

As per EIA Notification 2006, our project requires Public Hearing, for this purpose we are submitting the following documents with demand Draft of INR 1,50,000/- vide DD No. 500650 dated 01.10.2024.

- 1) 1 Hard copy of Draft EIA/EMP Report.
- 2) 1 Hard copies of executive summary in Hindi and English.
- 3) 1 Soft copies of above documents in CD.
- 4) Demand Draft (DD No. 500650) in name of Member Secretary, Haryana State Pollution Control Board, payable at Panchkula

In view of the above, it is requested to please acknowledge the mentioned documents and process the project for Public Hearing on an early date.

Thanking You,

Name: Vipin Sharma

RV Enterprises

H OFFICE : Shop No - 283, 1st Floor
New Grain Market, Nissing,
Karnal - 132024



Autho. Signatory



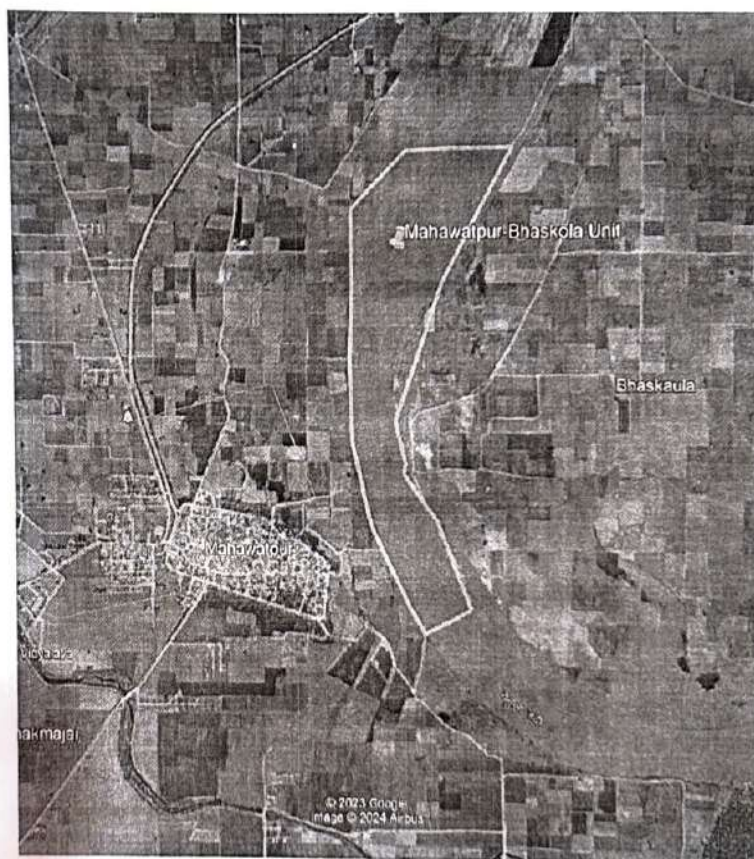
DRAFT ENVIRONMENT IMPACT ASSESSMENT (EIA) REPORT

**Mining of Sand (Minor Mineral) from the
Riverbed of Yamuna River (Mahawatpur-
Bhaskola Unit)**

Production Capacity - 17,82,000 MT/ year

Area - 134.40 acres (53.76 ha)

**Villages Lalpur, Mahawatpur, Maujmabad,
and Baskola, Tehsil & District Faridabad and
State Haryana.**



PROPONENT	:	M/S RV ENTERPRISES
ENVIRONMENT CONSULTANT	:	PARIVESH ENVIRONMENTAL ENGINEERING SERVICES Nabet Certificate No. - NABET /EIA/2124/IA 0092 (Rev.01)
STUDY PERIOD	:	PRE-MONSOON (MARCH TO MAY 2024)
VERSION	:	PEES/EIA/23-24/37

OCTOBER 2024

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REPORT

Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur-Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmabad, and Baskola, Tehsil & District Faridabad and State Haryana.

TABLE OF CONTENT

1. Introduction	1
1.1. Project Brief	1
1.2. Nature of the Project	4
1.2.1. Need for the Project and Its Importance to the Country and or Region	4
1.2.2. Demand-Supply Gap	5
1.2.3. Imports vs. Indigenous Production	5
1.2.4. Export Possibility	5
1.3. Location of the Project	5
1.4. Purpose of the Report	8
1.5. The Study	9
1.5.1. Scope of the Study	38
1.5.2. Methodology of the Study	39
1.6. Environment Clearance Process	39
1.7. Legislative & Regulatory Framework	41
1.8. Report Structure	41
2. Project Description	43
2.1. General	43
2.2. Location of Project	43
2.3. Mine Details	43
2.3.1. Topography & Drainage	43
2.3.2. Drainage Pattern / Mine Drainage	44
2.4. Geology of the Area	46
2.4.1. Regional Geology	46
2.4.2. Local Geology	48
2.4.3. Replenishment Plan	50
2.4.4. Exploration of Area	54
2.4.5. RESERVE	54
2.5. Mining	58
2.5.1. River Sand Mining with Simultaneous Reclamation	58
2.5.2. Mine Roads	58
2.5.3. Proposed Method	58
2.5.4. Use of Mineral	59
2.5.5. Details of Mining Machinery to be Deployed and the Detail Specifications	59
2.5.6. Fuel Consumption	60
2.6. Method of Mining	60
2.6.1. Proposed Year-wise Development for Five Years	60
2.6.2. Proposed Rate of Production when the Mine is Fully Developed	62

PROPOSER: M/S RV ENTERPRISES, HARYANA
 CONSULTANT: PARIVESH ENVIRONMENTAL ENGINEERING SERVICES (NABET /EIA/2124/IA 0092(Rev.01))
 PAGE. I

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REPORT

Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur-Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmabad, and Baskola, Tehsil & District Faridabad and State Haryana.

2.6.3.	Proposed Method of Mining	62
2.7.	Conceptual Mining Plan	65
2.7.1.	Land-Use Pattern of Mining Lease Area at Various Stages	65
2.8.	Blasting	68
2.9.	Mine Drainage.....	68
2.10.	Water Requirement	68
2.11.	Stacking of Mineral Rejects & Disposal of Waste	68
2.12.	Details of Employment	68
2.13.	Environment Management Plan	69
2.13.1.	Measures Taken and to be taken for Protection of Environment in and around Mining Lease Area.....	71
2.13.2.	Measures Taken and to be taken for Dumping Overburden, Stacking of Topsoil and Utilization of Topsoil.....	71
2.13.3.	Measures Taken and to be taken for the control of Water, Noise and Air Pollution	72
2.13.4.	Details of Health Checkup and Insurance of all the Employed Persons	73
2.14.	Progressive Mine Closure Plan	73
2.14.1.	Mined-Out Land	73
2.14.2.	Water Quality Management.....	73
2.14.3.	Air Quality Management	73
2.14.4.	Waste Management	73
2.14.5.	Topsoil Management	73
2.14.6.	Tailing Dam Management	73
2.14.7.	Infrastructure.....	74
2.14.8.	Disposal of Mining Machinery.....	74
2.14.9.	Safety & Security	74
2.14.10.	Disaster Management and Risk Assessment	74
2.14.11.	Care and Maintenance during Temporary Discontinuance	74
2.15.	Summary	75
3.	Description of Environment	76
3.1.	Introduction	76
3.2.	Study Area & Period	77
3.2.1.	Methodologies Adopted.....	77
3.2.2.	Primary Data Collection Methodologies	77
3.2.3.	Secondary Data Collection	78
3.3.	Physical Environment.....	78
3.3.1.	Seismic Status of Study Area	78
3.3.2.	Land-Use Details	80
3.3.3.	Soil Environment	84

PROPOSER: M/S RV ENTERPRISES, HARYANA

CONSULTANT: PARIVESH ENVIRONMENTAL ENGINEERING SERVICES (NABET /EIA/2124/IA 0092(Rev.01))

PAGE. II

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REPORT

Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur-Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmad, and Baskola, Tehsil & District Faridabad and State Haryana.

3.4.	Water Environment.....	87
3.4.1.	Hydrogeology (Aquifer System)	87
3.4.2.	Trend / Behaviour to Ground Water Level	88
3.4.3.	Status of Ground Water Development	89
3.4.4.	Water Level Fluctuation in Study Area	89
3.4.5.	Rainfall & Climate	89
3.4.6.	Ground Water Quality	90
3.4.7.	Surface Water Quality	94
3.5.	Meteorological Condition	96
3.5.1.	Meteorological Data as per IMD Gurugram (Haryana)	96
3.5.2.	Onsite Micro-Meteorology (Hourly)	97
3.6.	Air Environment	98
3.6.1.	Monitoring Methodology, Parameters & Locations	98
3.6.2.	Air Quality of Study Area	100
3.7.	Noise Environment	101
3.7.1.	Ambient Noise Level Monitoring Stations	101
3.7.2.	Frequency & Parameters of Sampling	101
3.7.3.	Ambient Noise Level Monitoring Locations	101
3.7.4.	Method of Monitoring	102
3.7.5.	Ambient Noise Level in Study Area	103
3.8.	Biological Environment	104
3.8.1.	Objective of Biological Study	104
3.8.2.	Environmental Sensitivity of the Study Area	105
3.8.3.	Forest Cover in Faridabad District	106
3.8.4.	Ecology of the Study Area	107
3.8.5.	Floral Ecology	108
3.8.6.	Faunal Diversity	115
3.8.7.	Aquatic Ecology	117
3.9.	Socioeconomic Environment	119
3.9.1.	Census & Demographic Status of Faridabad District	119
3.9.2.	Demography of Study Area	122
3.10.	Conclusion	125
4.	Anticipated Environmental Impacts & Mitigation Measures	126
4.1.	General	126
4.2.	Impact Assessment	126
4.3.	Identification of Impacts	127
4.4.	Impacts on Land-use and Mitigation Measures	127
4.4.1.	Identified Impact on Land-Use	127
4.4.2.	Mitigation Measures for Impacts on Land-Use	127

PROPONENT: M/S RV ENTERPRISES, HARYANA

CONSULTANT: PARIVESH ENVIRONMENTAL ENGINEERING SERVICES (NABET /EIA/2124/IA 0092(Rev.01))

PAGE. III

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REPORT

Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur-Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmad, and Baskola, Tehsil & District Faridabad and State Haryana.

4.4.3.	Conclusion	128
4.5.	Impact on Ambient Air Quality	128
4.5.1.	Identified Anticipated Impact on Ambient Air Quality	128
4.5.2.	Impact Assessment on Air Quality due to Operation	129
4.5.3.	Air Dispersion Modelling.....	129
4.5.4.	Mitigation Measures for Air Pollution.....	132
4.5.5.	Biological Method for Dust Control	133
4.5.6.	Conclusion	133
4.6.	Impact on Road due to Traffic Movement	133
4.6.1.	Traffic Projection after Implementation of Mining Project	133
4.6.2.	Traffic Management and Mitigation Measures	136
4.7.	Impact on Noise & Vibration	137
4.8.	Impact on Water	137
4.9.	Impact on Soil Environment and mitigation measures	138
4.10.	Impact on Hydrology and Mitigation measures	139
4.11.	Biological Environment.....	139
4.12.	Impact on Socio-Economic Environment.....	140
4.12.1.	Positive Impact.....	141
4.12.2.	Negative Impact	141
4.13.	Impacts on Solid Waste/ Over Burden & Mitigations.....	142
4.14.	Impacts on Occupational Health & Safety	142
4.15.	Mine Closure Plan.....	143
4.16.	Conclusion.....	143
5.	Analysis of Alternatives (Technology & Site)	144
5.1.	Introduction	144
5.2.	Alternative of Mines	144
5.3.	Alternative for Technology and Other Parameters	144
5.4.	Environmental Attributes Management and Mitigation	145
6.	Environment Monitoring Plan.....	146
6.1.	Introduction	146
6.2.	Environmental Management Cell	146
6.2.1.	Hierarchy.....	147
6.2.2.	Responsibilities for Environmental Management Cell.....	147
6.3.	Environmental Monitoring and Reporting Procedure	147
6.4.	Reporting Schedule during Operation of Mine.....	148

PROPOSER: M/S RV ENTERPRISES, HARYANA

CONSULTANT: PARIVESH ENVIRONMENTAL ENGINEERING SERVICES (NABET /EIA/2124/IA 0092(Rev.01))

PAGE. iv

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REPORT

Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur-Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmabad, and Baskola, Tehsil & District Faridabad and State Haryana.

6.5.	Monitoring Budget	148
6.6.	Conclusion.....	148
7.	Additional Studies.....	149
7.1.	General.....	149
7.2.	Public Hearing & Consultation	149
7.3.	Hazard Identification and Risk Assessment Methodology	149
7.3.1.	Inundation/Flooding	150
7.3.2.	Slope Failure at the Mine faces or stacks.....	150
7.3.3.	Quicksand Condition.....	151
7.3.4.	Drowning.....	151
7.3.5.	Accident due to Vehicular Movement	151
7.3.6.	Accident during Sand loading and Transportation	151
7.3.7.	Occupational Health Hazard	152
7.4.	Disaster Management Plan & Mitigation Measures.....	153
7.4.1.	Mitigation Hazards	154
7.4.2.	Safety, Health & Environmental (SHE) Policy	157
7.4.3.	Planning	158
7.4.4.	Implementation of Occupational Health & Safety Measures	159
7.4.5.	Annual Replenishment of Mineral	159
7.4.6.	Rehabilitation and Resettlement	160
7.5.	Conclusion & Summary	160
8.	Project Benefits	161
8.1.	Introduction	161
8.2.	Physical Benefits	161
8.3.	Budget allocation for EMP	162
8.4.	Summary	162
9.	Environmental Cost Benefit Analysis.....	163
10.	Environment Management Plan	164
10.1.	Introduction	164
10.2.	Land Use Pattern.....	164
10.3.	Air Environment Management	164
10.4.	Noise Level Environment and Vibration	165
10.5.	Water Management	166
10.6.	Solid Waste Management	166
10.7.	Green Belt Development	166
10.8.	Socio-economic Assurance	167
10.8.1.	Environmental & Social Responsibility.....	167

PROPOSER: M/S RV ENTERPRISES, HARYANA

CONSULTANT: PARIVESH ENVIRONMENTAL ENGINEERING SERVICES (NABET /EIA/2124/IA 0092(Rev.01))

PAGE. v

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REPORT

Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur-Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmabad, and Baskola, Tehsil & District Faridabad and State Haryana.

10.8.2.	Litigations against the Project Proponent	168
10.8.3.	Occupational Health and Safety	168
10.9.	Financial Assurance	169
10.10.	Environment Management Protection Plan (EMP)	170
10.11.	Rehabilitation and Resettlement (R&R)	170
10.12.	Summary	170
11.	Summary & Conclusion	172
11.1.	General	172
11.2.	Analysis of Alternative	175
11.3.	Description of Baseline Environment	175
11.4.	Anticipated Environmental Impact and Mitigation Measures	176
11.5.	Environmental Monitoring Program	177
11.6.	Additional Studies	177
11.7.	Project Benefit	177
11.8.	Cost of Environment Management Plan	178
11.9.	Conclusion	178
12.	Disclosure of Consultant	179
12.1.	Organizational Profile	179
12.2.	Consultancy Services	179
12.3.	Disclosure of Consultants Engaged	179
12.4.	Declaration by the Head of the Accredited Consultant Organization	183

LIST OF TABLES

Table 1-1:	Approvals / Permissions from Concerned Authorities	1
Table 1-2:	Salient Features of Mine	2
Table 1-3:	Pointwise Compliance of Terms of Reference	9
Table 1-4:	Environmental Attributes and Frequency of Monitoring	38
Table 1-5:	Key Environmental Legislation	41
Table 2-1:	Levels of Riverbed and Riverbank	45
Table 2-2:	Regional Geology of Faridabad District	47
Table 2-3:	Basin Area of Yamuna River	52
Table 2-4:	Geological Reserve Estimation	55
Table 2-5:	Details of Year-wise Production	59
Table 2-6:	Details of Five-Year Production	59
Table 2-7:	List of Machinery	59
Table 2-8:	Quantity of Diesel/Energy Fuel Consumption / Day	60

PROPOSER: M/S RV ENTERPRISES, HARYANA

CONSULTANT: PARIVESH ENVIRONMENTAL ENGINEERING SERVICES (NABET /EIA/2124/IA 0092(Rev.01))

PAGE. vi

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REPORT

Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur-Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmad, and Baskola, Tehsil & District Faridabad and State Haryana.

Table 2-9: Details of Proposed Year-wise Production of Mineral & OB/Waste	62
Table 2-10: Land-Use Breakup at Present and Conceptual Stage	66
Table 2-11: Manpower Requirement	68
Table 2-12: Environmental Plan	70
Table 3-1: Detailed of Secondary Data Collection	78
Table 3-2: Land-use Classification of the Study Area	81
Table 3-3: Land-use Classification of the Project Site	83
Table 3-4: Soil Sampling Locations	85
Table 3-5: Soil Classification Standards as per ICAR	85
Table 3-6: Soil Quality Results	85
Table 3-7: Ground Water Level Fluctuation in Area	89
Table 3-8: Ground Water Sampling Location	91
Table 3-9: Ground Water Results	92
Table 3-10: Surface Water Sampling Location	94
Table 3-11: CPCB Water Quality Criteria	94
Table 3-12: Surface Water Results	94
Table 3-13: Meteorological Table as per IMD, Gurugram (1981-2010)	97
Table 3-14: On-site Micro Meteorological Data	97
Table 3-15: Ambient Air Monitoring Locations	98
Table 3-16: Ambient Air Quality Results	100
Table 3-17: Mineralogical Composition of PM10	100
Table 3-18: Ambient Noise Monitoring Locations	101
Table 3-19: Ambient Noise Level (CPCB Standards)	103
Table 3-20: Ambient Noise Quality Result	103
Table 3-21: Mode of Data Collection and Parameters	104
Table 3-22: Environmental Settling of Study Area (15km Buffer)	105
Table 3-23: Forest cover of State and Project Affected District	106
Table 3-24: Reserve Forest Area details around the proposed Mine Site	106
Table 3-25: Floral Checklist of Buffer Zone	109
Table 3-26: Major Plant Species Used for Social Forestry Plantation in Faridabad, Haryana	111
Table 3-27: Plants of Medicinal Importance & Other Allied Uses	111
Table 3-28: Plants of Medicinal Importance & Other Allied Uses	114
Table 3-29: Faunal Checklist of Buffer Zone	115
Table 3-30: Macrophytes in Aquatic Habitats	117
Table 3-31: List of Phytoplankton from Study Area	118
Table 3-32: List of Zooplanktons from Study Area	118
Table 3-33: List of Fishes from Study Area	118
Table 3-34: Faridabad District Population	119
Table 3-35: Faridabad District Demography	121
Table 3-36: Demographic Structure of the Study Area	122
Table 3-37: Population Distribution of the Study Area	122
Table 3-38: Literacy Rate of the Study Area	123

PROPONENT: M/S RV ENTERPRISES, HARYANA

CONSULTANT: PARIVESH ENVIRONMENTAL ENGINEERING SERVICES (NABET /EIA/2124/IA 0092(Rev.01))

PAGE. vii

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REPORT

Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur-Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmabad, and Baskola, Tehsil & District Faridabad and State Haryana.

Table 3-39:	Occupational Structure of the Study Area	123
Table 3-40:	Education and Medical Facilities of the Study Area	124
Table 3-41:	Drinking Water Facilities in the Study Area.....	124
Table 3-42:	Land Use Classification in the Study Area	125
Table 4-1:	Types of Impact due to Mining Activity	126
Table 4-2:	Impact Identification Matrix	127
Table 4-3:	Predominant Source of Air Pollution	128
Table 4-4:	Identified Impacts of Air Pollutions on Human, Animals and Plants	129
Table 4-5:	Emission Rate Estimation	130
Table 4-6:	Concentration in respect of distance.....	131
Table 4-7:	Vehicle Emission Statement.....	132
Table 4-8:	Incremental Pollution due to Vehicular Transportation	132
Table 4-9:	Impacts of Air Pollution and Mitigation Measures.....	132
Table 4-10:	Details of Average Annual Daily Traffic (AADT) and PCUs	135
Table 4-11:	Detail of PCUs Factor as per IRC	135
Table 4-12:	V/C Ratio and Level of Service (LOS) as per IRC.....	135
Table 4-13:	Existing Traffic Scenario & Level of Service (LOS)	136
Table 4-14:	Traffic Scenario with Operation of Mine & Level of Service (LOS)	136
Table 4-15:	Impact on Noise, Vibration & Mitigation Measures.....	137
Table 4-16:	Impact on Water Regime and Its Mitigation Measures.....	137
Table 4-17:	Water Demand Estimation & Budget	138
Table 4-18:	Impact on Soil Environment and Its Mitigation Measures	138
Table 4-19:	Impact on Hydrology and Its Mitigation Measures	139
Table 4-20:	Impact on Ecology due to Mining Activity and Its Mitigation Measures	140
Table 4-21:	Impact on Socio-economic and Its Mitigation Measures	142
Table 4-22:	Impact on Occupational Health & Safety and Mitigation	142
Table 5-1:	Alternative Technology & Other Parameters	144
Table 6-1:	Environmental Management Plan, Activities & Implementation.....	146
Table 6-2:	Monitoring Methodologies and Parameters	148
Table 7-1:	Risk Level Matrix	152
Table 7-2:	Identification of Likely Risks in Sand Mining from Riverbed	153
Table 7-3:	Details of Prevent Occupational Hazard	157
Table 8-1:	Project Benefits in Respect to Different Aspects.....	161
Table 10-1:	Purpose & Design of Environment Management Plan	164
Table 10-2:	Air Pollution, Management & Monitoring	165
Table 10-3:	Noise Level Pollution, Management & Monitoring	166
Table 10-4:	Water Pollution & Management	166
Table 10-5:	Plantation Details	167
Table 10-6:	Post Plantation Care	167
Table 10-7:	Facilities & Budget under ESR Initiatives & OHS	169
Table 10-8:	Financial Assurance Calculation	170
Table 10-9:	Environment Management Budget	170

PROPONENT: M/S RV ENTERPRISES, HARYANA

CONSULTANT: PARIVESH ENVIRONMENTAL ENGINEERING SERVICES (NABET /EIA/2124/IA 0092(Rev.01))

PAGE, viii

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REPORT

Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur-Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmad, and Baskola, Tehsil & District Faridabad and State Haryana.

Table 11-1:	Salient Features of Mine	172
Table 11-2:	Baseline Status	175
Table 12-1:	EIA Co-ordinator Details	180
Table 12-2:	List of Functional Experts	180

LIST OF FIGURES

Figure 1.1:	Location Map of Proposed Project	5
Figure 1.2:	Co-Ordinates Map with 500 m Buffer from Proposed Site	6
Figure 1.3:	Base Map with 2 km Buffer Showing Site Features	7
Figure 1.4:	Google Map with 10 km Buffer from Proposed Site	8
Figure 1.5:	Schematic Diagram for Environmental Clearances Process	40
Figure 2.1:	Contour Map with 100m Buffer Site Elevation / Slope	44
Figure 2.2:	Drainage Map of Study Area (10 km)	45
Figure 2.3:	Elevation / Slope Profile of Study Area	46
Figure 2.4:	Geology Map of Haryana State	47
Figure 2.5:	Size Distribution of Mineral	49
Figure 2.6:	Surface Geological Plan & Section of Lease	57
Figure 2.7:	Working / Production Plan	61
Figure 2.8:	Reclamation Plan	67
Figure 3.1:	Study Area Map (10 km Buffer) of Proposed Site	76
Figure 3.2:	Earthquake Hazard Map of Haryana	79
Figure 3.3:	Land-Use Map of Study Area (10 km Buffer)	81
Figure 3.4:	FCC Imagery of Study Area (10 km Buffer)	82
Figure 3.5:	Land-Use Map of Project Site	83
Figure 3.6:	Soil Sampling Locations	84
Figure 3.7:	Pre-Monsoon (May 2012) & Post-Monsoon (November 2012) Water Level	88
Figure 3.8:	Water Level Fluctuation of Pre-monsoon and post-monsoon	89
Figure 3.9:	Water Sampling Locations	91
Figure 3.10:	Wind Pattern as per IMD Gurugram & Onsite	98
Figure 3.11:	Ambient Air Monitoring Locations	99
Figure 3.12:	Ambient Noise Level Locations	102
Figure 3.13:	Environment Sensitivity Map (15 km Buffer) of Proposed Site	107
Figure 3.14:	Population & gender Ration of Study Area	122
Figure 3.15:	Literacy Rate & Worker Status of Study Area	123
Figure 4.1:	Concentration of Fugitive Dust v/s Distance (Uncontrolled)	130
Figure 4.2:	Concentration of Fugitive Dust v/s Distance (Controlled)	131
Figure 4.3:	Transportation Route & Survey Location	134
Figure 4.4:	Water Balance Diagram	138
Figure 4.5:	Impact of Mining on Ground Water	139
Figure 7.1:	Floor Hazard Map of Haryana State	150

PROPOSER: M/S RV ENTERPRISES, HARYANA

CONSULTANT: PARIVESH ENVIRONMENTAL ENGINEERING SERVICES (NABET /EIA/2124/IA 0092(Rev.01))

PAGE, ix

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REPORT

Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Mahawatpur-Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmabad, and Baskola, Tehsil & District Faridabad and State Haryana.

LIST OF ANNEXURES

Annex 1.1	Letter of Intent (LOI)
Annex 1.2	Cluster NOC
Annex 1.3	Mining Plan with Approval Letter
Annex 1.4	Forest NOC
Annex 1.5	Approved District Survey Report
Annex 1.6	Terms of Reference issued by SEIAA, Haryana
Annex 3.1	On Site (Hourly) Micro-Meteorology Data
Annex 3.2	Monitoring Results
Annex 10.1	CA Certificate for project cost
Annex 12.1	QCI NABET Certificate (Environment Consultant)
Annex 12.2	NABL Certificate (Laboratory)

Additional Annexures

AA-1	Contour Map of Study Area
AA-2	Undertaking by Proponent for Mining Activity
AA-3	Ground Truthing Report (Forest NOC)

Total Pages:- 1 to 496.

PROPONENT: M/S RV ENTERPRISES, HARYANA
 CONSULTANT: PARIVESH ENVIRONMENTAL ENGINEERING SERVICES (NABET /EIA/2124/IA 0092(Rev.01))
 PAGE. x




Regional Officer HSPCB, Faridabad <hspcbrofr@gmail.com>

Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River ((Mahawatpur-Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmabad, and Baskola, Tehsil & District Faridabad and State Haryana - Regarding Submission of Draft EIA (Environment Impact Assessment) Report for Conducting Public Hearing as per provision of EIA Notification 2006 (amended thereof).

1 message

hspcb solidwaste <hspcbsolidwaste@gmail.com>
To: "Regional Office HSPCB, Faridabad" <hspcbrofr@gmail.com>

Fri, Oct 11, 2024 at 4:03 PM

 ilovepdf_merged_compressed-1.pdf

Please find the attachment

--
Sr. Environmental Engineer
Haryana State Pollution Control Board,
C-11, Sector-06, Panchkula,
Haryana.

 **RV enterprises.pdf**
35K



HARYANA STATE POLLUTION CONTROL BOARD

Faridabad Region, Opp. Hewo Appmt.,
Sector-16A, Faridabad
Email: hspcbrofr@gmail.com Website:
www.hspcb.gov.in



To

The Deputy Commissioner
Faridabad.

Sub- Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River ((Mahawatpur-Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at Villages Lalpur, Mahawatpur, Maujmabad, and Baskola, Tehsil & District Faridabad and State Haryana - Regarding Submission of Draft EIA (Environment Impact Assessment) Report for Conducting Public Hearing as per provision of EIA Notification 2006 (amended thereof).

Ref:- Head Office letter No. I/259134/2024 dated 11.10.2024.

In this connection, it is submitted that Draft EIA/EMP report for the above said project for conducting Public Hearing as per EIA notification, 2006 has been received in this office and public hearing fee has been deposited by the project proponent in our head office.

As per the EIA notification 14th Sept., 2006 amended till date" The District Magistrate/ District Collector/ Deputy Commissioner or his or her representative not below the rank of an Additional District Magistrate assisted by a representative of SPCB or UTPCC, shall supervise and preside over the entire public hearing process".

Your good self is requested to give convenient date & time at least 45 days before the date of conducting Public Hearing for the above said project so that same could be advertised in one major Newspaper Daily Newspaper/ Local Newspaper as per procedure of EIA notification 14th Sept. 2006 amended till date through our head office.

Submitted for kind information & further necessary action please.

DA/ Copy of application of the project proponent.

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

Signed by
Sandeep Singh
Regional Officer
Faridabad Region
Date: 18-10-2024 16:58:44



Office of Deputy Commissioner, Faridabad

Mini Secretariat, Sector-12, Faridabad

Office Phone:- 0129-2227936, 2226604, Email Id - dcfbd@hry.nic.in

प्रेषित

क्षेत्रीय अधिकारी,
हरियाणा प्रदुषण नियंत्रण बोर्ड,
फरीदाबाद।

RO (FR)
Sc 'B'/A.E.E.-I/A.E.E.-II
A.E.E.-III/J.E.E./CLK
Diary No. 23/12/2024

क्रमांक 8478 / एम०बी०-3 दिनांक :- 23/12/24

विषय:-

Mining of Sand (Minor Mineral) From the Reverbed of Yamuna River (Mahawatpur- Bhaskola Unit) with 17,82,000 MT/ year production over an area of 134.40 acres (53.76 ha) located at villages Lalpur, Mahawatpur, Maujmabad, and Baskola, Tehsil & District Faridabad and State Haryana- Regarding Submission of Draft EIA (Environment Impact Assessment) Report for Conducting Public Hearing as per provision of EIA Notification 2006 (amended thereof).

उपरोक्त विषय पर आपके कार्यालय के ई-मेल पत्र दिनांक 18.10.2024 के सन्दर्भ में।

विषयोक्त मामले में माननीय उपायुक्त महोदय के आदेशों की पालना में आपको लिखा जाता है कि आप द्वारा किए गए अनुरोध अनुसार उपायुक्त महोदय, द्वारा उक्त कार्यक्रम/कार्य (आमजन की सुनवाई) हेतु दिनांक 18.02.2025 को प्रातः 11:00 बजे निश्चित की गई है। यह आपको सूचनार्थ एवं नियमानुसार आगामी आवश्यक कार्यवाही हेतु प्रेषित है।

कृते उपायुक्त फरीदाबाद।

प्रति :- निजी सचिव उपायुक्त/नगराधीश।

Office - 1st-2nd Floor, Mini Secretariat, Sector 12, Faridabad.
कार्यालय- प्रथम व द्वितीय तल, लघु सचिवालय, सेक्टर 12, फरीदाबाद।

संयोजक

तलबनामा जारी करने हेतु प्राधिकृत अधिकारी के हस्ताक्षर

प
रि
के
h

II

109

4810

5904

रियाणा
हग्राम,
) तथा
मण्डी,
नायत,
हथौन,
1/उप-
में 05
यों को
हमांक
तथा
दिनांक
यां का

जाती
दिनांक
एक का
ग द्वारा
नूपुरक
सूची
ना की
निगम
अथवा
वर्षावन
नितर्गित
ख' के
स्थिति

निगम
-4 के
पदों /
5 नाम
व्यक्ति
। सूची
स्थिति
तार पर
तदाता

सिंह,
रणा ।

हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड

सी-11 सेक्टर-6, पंचकुला

फोन-0172-577870-73, फैक्स नं. 2581201

ई-मेल-hspotisee1@gmail.com

वेबसाइट: hspcb.org.in

सार्वजनिक सुनवाई के लिए सूचना

सभी संबंधितों की जानकारी के लिए यह सूचित किया जाता है कि मैसर्स आर.बी. एंटरप्राइजेज दुकान नंबर 283, प्रथम तल, नई अनाज मंडी, निर्सिंग, जिला करनाल, 132024, करनाल, करनाल, हरियाणा, नई अनाज मंडी, 132024 ने यमुना नदी (महावतपुर-भसकोला इकाई) के रिवरबेड से रेत (लघु खनिज) के खनन के लिए परियोजना का प्रस्ताव दिया है, जिसमें 134.40 एकड़ (53.76 हेक्टेयर) क्षेत्र में 17,82,000 मीट्रिक टन/वर्ष उत्पादन होता है, जो गांव लालपुर, महावतपुर, मौजमाबाद और बसकोला, तहसील और जिला फरीदाबाद में स्थित है।

यह परियोजना पर्यावरण प्रभाव आकलन अधिसूचना संख्या एस.ओ.1533 (ई) दिनांक 14 सितंबर, 2006 को पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय, भारत सरकार, नई दिल्ली द्वारा जारी की गई है और इस प्रकार प्रस्तावित परियोजना के लिए पर्यावरणीय मंजूरी अनिवार्य है। तदनुसार परियोजना प्रस्तावक ने पर्यावरण मंजूरी के लिए संबंधित प्राधिकारों को आवेदन किया है।

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय, भारत सरकार, नई दिल्ली द्वारा अधिसूचना संख्या एस.ओ. 1533 (ई), दिनांक 14.09.2006, जैसा कि आज तक संशोधित है, के अनुसार पर्यावरण मंजूरी प्राप्त करने की प्रक्रिया के एक भाग के रूप में, ऊपर वर्णित परियोजना प्रस्तावक ने हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड को अपनी उपरोक्त प्रस्तावित परियोजना के लिए सार्वजनिक सुनवाई आयोजित करने के लिए आवेदन किया है। यमुना नदी के रिवरबेड से रेत (लघु खनिज) का खनन (महावतपुर-भसकोला इकाई) 134.40 एकड़ (53.76 हेक्टेयर) क्षेत्र में 17,82,000 मीट्रिक टन/वर्ष उत्पादन के साथ, गांव लालपुर, महावतपुर, मौजमाबाद और बसकोला, तहसील और जिला फरीदाबाद में स्थित है। तदनुसार, उपरोक्त परियोजना के लिए जन सुनवाई 18.02.2025 को सुबह 11:00 बजे उपरोक्त परियोजना स्थल, गांव लालपुर, महावतपुर, मौजमाबाद और बसकोला, तहसील और जिला फरीदाबाद में निर्धारित की गई है।

परियोजना प्रस्तावक द्वारा प्रस्तुत परियोजना के कार्यकारी सारांश और ईआईए अध्ययन रिपोर्ट को प्रतियां इस बोर्ड के मुख्यालय के साथ-साथ निम्नलिखित कार्यालयों में भी उपलब्ध हैं, जिन्हें किसी भी कार्य दिवस में कार्यालय समय के दौरान देखा जा सकता है।

1. उपायुक्त, फरीदाबाद, उनसे अनुरोध है कि वे ऊपर निर्धारित संपूर्ण जन सुनवाई प्रक्रिया को अध्यक्षता और पर्यवेक्षण करें।
2. अध्यक्ष, जिला परिषद, फरीदाबाद
3. आयुक्त, नगर समिति, फरीदाबाद।
4. जिला विकास और पंचायत अधिकारी, फरीदाबाद
5. संयुक्त निदेशक, जिला उद्योग केंद्र, फरीदाबाद।

प्रस्तावित परियोजना पर सुझाव, विचार, टिप्पणियां और आपत्तियां, यदि कोई हों, तो सभी संबंधितों को इस नोटिस के प्रकाशन के 30 दिनों के भीतर अध्यक्ष, हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड, सी-11, सेक्टर-6, पंचकुला के साथ-साथ क्षेत्रीय अधिकारी, हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड, हेवो अपार्टमेंट के पास, सेक्टर-16ए, फरीदाबाद को दायर करने के लिए नोटिस दिया जाता है। इसके अलावा, परियोजना के प्रस्तावित स्थल पर ऊपर उल्लिखित तिथि, समय और स्थान पर एक सार्वजनिक सुनवाई भी आयोजित की जाएगी, जिसमें पर्यावरण समूहों, वास्तविक निवासियों और विस्थापन के स्थल/स्थलों/प्रभावित होने की संभावना वाले अन्य लोगों सहित कोई भी व्यक्ति भाग ले सकता है, सार्वजनिक सुनवाई के दौरान मौखिक लिखित सुझाव यदि कोई हो तो भी दिया जा सकता है। सार्वजनिक सुनवाई में भाग लेने के लिए कोई टोएजेडोए स्वीकार्य नहीं होगा।

SAMVAD:-1209/11/168/2025/31597/C/1/6 Dt. 09/01/2025

सदस्य सचिव