



HARYANA STATE POLLUTION CONTROL BOARD

C-11 Sector-6, Panchkula

Website – [www.hspcb.gov.in](http://www.hspcb.gov.in) E-Mail : [hspcb-solidwaste@gmail.com](mailto:hspcb-solidwaste@gmail.com)

Ph:0172-2577870-873

To

The Member Secretary,  
State Environment Impact Assessment Authority, Haryana  
Bays No. 55-58, 1st Floor, Prayatan Bhawan,  
Sector-2, Panchkula.

**Sub: Proceedings of the Public Hearing for Project requiring clearance under Environmental Impact Assessment Notification, 14th September, 2006 (as amended) for Mining of S3nd (Minor Mineral) from the Riverbed of Yamuna River (Sultanpur Unit) with 10,80,000 MTI Year Production over an area of 33.42 has located at village - Sultanpur & Atwa, Tehsil & District Palwal and State Haryana on dt. 28.03.2023 at 11:30 AM.**

Kindly refer to the subject noted above.

In this connection, I have been directed to enclose herewith the proceedings of the Public Hearing (in original) conducted on dated 28.03.2023 at 11:30 AM at the project site under Environment Impact Assessment Notification dated 14.09.2006 for the purpose of obtaining Environment Clearance under the provision of EIA notification dated 04.09.2006 for proposed Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Sultanpur Unit) with 10,80,000 MT/ Year production over an area of 33.42 Ha located at village - Sultanpur & Atwa, Tehsil & District Palwal, Haryana alongwith pen drive of video recording, photographs, attendance sheet and project report for information and further necessary action please.

DA/As above.

Sr. Env. Engineer (HQ)  
For Member Secretary

Endst. HSPCB/1/162805/2023/3

Dated: 11/05/2023

A copy of the above is forwarded to the following for information & further necessary action please:-

1. Sr. EE (IT) HSPCB, for uploading the proceeding on website of the Board.
2. Regional Officer, Palwal w.r.t his letter no. HSPCB/PAL/2023/13 dated 07.04.2023 for information and further necessary action.
3. M/s M.M Traders Village Mangola Near Manjeet Filling Station, Meerut Road Karnal, Haryana.

DA/as above

Sr. Env. Engineer (HQ)  
For Member Secretary

2763720/2023/REGION PALWAL

Proceedings of the Public Hearing for Project requiring clearance under Environmental Impact Assessment Notification, 14th September, 2006 (as amended) for Mining of sand (Minor Meneral) from the Riverbed of Yamuna River (Sultanpur Unit) with 10,80,000 MT/ Year Production over an area of 33.42 has located at village – Sultanpur & Atwa, Tehsil & District Palwal and State Haryana on 28.03.2023 at 11:30 AM.

Please find enclosed herewith the Proceedings of the Public Hearing for Project requiring clearance under Environmental Impact Assessment Notification, 14th September, 2006 (as amended) for Mining of sand (Minor Meneral) from the Riverbed of Yamuna River (Sultanpur Unit) with 10,80,000 MT/ Year Production over an area of 33.42 has located at village – Sultanpur & Atwa, Tehsil & District Palwal and State Haryana for kind approval please.

  
Regional Officer, HSPCB



Ld Deputy Commissioner, Palwal



## जन सुनवाई की कार्यवाही रिपोर्ट

परियोजना: यमुना नदी के तल से लघु खनिज (रेत) की खनन परियोजना, गांव सुल्तानपुर और अटवा, तहसील और जिला पलवल, राज्य हरियाणा, उत्पादन क्षमता- 10,80,000 मीट्रिक टन/वर्ष, पट्टा क्षेत्र- 33.42 हेक्टेयर, पट्टा अवधि - 08 वर्ष।

तारीख व समय: 28 मार्च 2023, सुबह के 11:30 बजे

स्थान: परियोजना स्थल, गांव सुल्तानपुर एवं अटवा, तहसील एवं जिला पलवल, राज्य हरियाणा

दिनांक 23.01.2023 को परियोजना कार्य के पर्यावरणीय अनापत्ति हेतु जन सुनवाई किए जाने बाबत समाचार पत्र (दैनिक ट्रिब्यून चंडीगढ़, दैनिक ट्रिब्यून गुरुग्राम, दी ट्रिब्यून चंडीगढ़) में जन सूचना दिनांक 18.02.2023 को हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड पंचकूला के द्वारा प्रकाशित करवाया गया था।

जन सुनवाई श्रीमती नेहा सिंह, आई.ए.एस., उपायुक्त महोदया, पलवल की अध्यक्षता में हुई जिसे हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड क्षेत्रीय कार्यालय पलवल रीजन द्वारा आयोजित कराया गया।

जन सुनवाई में निम्नलिखित अधिकारियों ने भाग लिया।

1. श्रीमती नेहा सिंह, आई.ए.एस., उपायुक्त, पलवल
2. श्री विजय चौधरी, क्षेत्रीय अधिकारी, हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड, पलवल
3. श्रीमती उपमा अरोड़ा, डीडीपीओ, पलवल
4. श्रीमती कमलेश कुमारी, खनन पदाधिकारी, खनन विभाग, पलवल
5. श्री विपिन (प्रोजेक्ट डेवलपर) - एमएम ट्रेडर्स

जन सुनवाई को श्री विजय चौधरी, क्षेत्रीय अधिकारी हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड क्षेत्रीय कार्यालय, पलवल रीजन द्वारा शुरू किया गया। उन्होंने उपायुक्त महोदया एवं जन सुनवाई में उपस्थित अधिकारियों व आमजन का स्वागत किया गया। उसके बाद उपायुक्त महोदया से अनुमति लेकर जन सुनवाई को संचालित किया गया। क्षेत्रीय अधिकारी हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड, इकाई पलवल के द्वारा यह बताया गया कि यह परियोजना भारत सरकार की 14.09.2006 की अधिसूचना के अनुसार करवाई जा रही है। इसके उपरांत उन्होंने परियोजना के सलाहकार मेसर्सपरिवेश एनवायर्नमेंटल इंजीनियरिंग सर्विसेजसे अनुरोध किया कि वे परियोजना के बारे में बताएं। मेसर्सपरिवेश एनवायर्नमेंटल इंजीनियरिंग सर्विसेजके प्रतिनिधि ने परियोजना के बारे में संक्षेप में जानकारी देते हुए इस परियोजना से होने वाले फायदे के बारे में लोगों को बताया गया। इसके उपरांत श्री विजय चौधरी, क्षेत्रीय अधिकारी, हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड क्षेत्रीय कार्यालय, पलवल रीजन ने जन सुनवाई में उपस्थित आमजनों से परियोजना निर्माण के कारण पर्यावरण पर पड़ने वाले प्रभाव से संबंधित प्रश्न व मुद्दा देने का अनुरोध किया। आमजनों/अधिकारियों द्वारा पूछे गए प्रश्न एवं संबंधित अधिकारी के द्वारा दिये गए उत्तर की विवरणी निम्नलिखित हैं-

1. प्रश्न (भूतपूर्व सरपंच इरासी) - गाँव के व्यक्तियों ने अनुरोध किया कि यह सुनिश्चित किया जाये की प्रोजेक्ट डेवलपर, एमएम ट्रेडर्स को गाँव सुल्तानपुर व अटवा में जो स्थान खनन के लिए आवंटन किया गया है कंपनी उसी स्थान पर खनन का कार्य करे व हमारे गाँव की भूमि पर किसी प्रकार का कार्य न करे तथा हमारे गाँव के लिए जो रास्ता बना हुआ है उसमें किसी प्रकार की छेड़ छाड़ न हो। हमारा गाँव पूरा अनपढ़ है उन्हे इसके बारे में

पता चला तो सभी परेशान है की सारा गाँव बाढ़ में बह जाएगा। आज मेडम 50 साल में यहाँ कोई रास्ता नहीं था तो एस डीएमवैशाली जी के सहयोग से मिलकर हमने बनवाया था। जिससे यहाँ स्कूल खुले और 40 लोग नौकरी में जाते हैं। परियोजना के आने से सारे रास्ते खराब हो जाएंगे और बाढ़ से सब कुछ बर्बाद हो जाएगा। यहाँ इस परियोजना की जगह नहीं है। जहाँ ये प्रस्तावित है वही चलाई जाए।

उत्तर - परियोजना जहाँ पर प्रस्तावित है वही चलाई जाएगी यहाँ कोई भी गतिविधि नहीं होगी यह मुनिशिन किया जाएगा तथा परियोजना के लिए रास्ते का भी निर्माण किया जायेगा।

2. प्रश्न (बलवीर सिंह) - प्रस्तावित परियोजना यह से 2 कम दूर है इस आयोजन को वही आयोजित किया जाना चाहिए था। परियोजना के आने से रास्ता खराब हो जाएगा जिससे स्कूल आने जाने का रास्ता बंद हो जाएगा।

उत्तर - परियोजना आवंटित स्थान पर ही चलाई जाएगी। वहाँ फसल खड़ी थी जिसकी वजह से यहाँ आयोजन करना पड़ा। परिवहन पुरानी रोड से नहीं होगा एवं इसके लिए गाँव से हटकर बाहर से लीज पर जमीन लेकर रास्ता बनाया जाएगा। आबादी को परेशानी नहीं होने नहीं दी जाएगी। परियोजना में परिवहन के लिए नक्शा संलग्न कर दिया गया है।

3. प्रश्न - क्षेत्र के लोगों के रोजगार के लिए क्या करेंगे?

उत्तर - निकटवर्ती गाँवों से लगभग 67 व्यक्तियों को प्रत्यक्ष रोजगार तथा 20 व्यक्तियों को अप्रत्यक्ष रोजगार प्राप्त होगा। कुशल श्रमिक के अलावा अकुशल श्रमिक इन दोनों गाँव से लिए जाएंगे।

4. प्रश्न - गाड़ियां जाने वाले मार्ग को रख रखाव किसके द्वारा किया जाएगा

उत्तर - जिस रास्ते से आवागमन होगा उस रास्ते के रखरखाव परियोजना प्रस्तावक के द्वारा किया जाएगा जिसके लिए 20 लाख रुपये का बजट प्रस्तावित है। उसमें मार्ग बनाने एवं उसके रखरखाव का खर्च सम्मिलित किया गया है। गाड़ियों का परिवहन केवल निर्धारित मार्ग से ही होगा।

5. प्रश्न - वृक्षारोपण में किस किस्म के वृक्ष लगाएंगे?

उत्तर - वृक्षारोपण वन विभाग एवं ग्राम पंचायत की देखरेख में उनकी निर्देश अनुसार ही किया जाएगा। उनकी देख रेख में जो भी यहाँ की स्थानीय प्रजातियां होंगी वही पौधे लगाये जाएंगे। कोई भी बाहरी वृक्ष नहीं लगाया जाएगा।

6. प्रश्न - माननीय उपायुक्त मोहदया ने प्रश्न किया की स्थानीय प्रजातियां जैसे मोर के संरक्षण के लिए क्या किया जाएगा

उत्तर - संरक्षण प्रस्ताव के कार्यान्वयन के लिए क्षेत्र में अनुसूचित जीवों के संरक्षण के लिए वृक्षारोपण को छोड़कर 10.00 लाख रुपये रुपये का बजट आवंटित किया गया है। संरक्षण योजना अनुमोदन के लिए संबंधित प्राधिकरण को दिनांक 10.01.2023 को जमा की गई है।

7. प्रश्न - माननीय उपायुक्त मोहदया ने प्रश्न किया की मोर के रहने के लिए क्या क्या उपाय किए जाएंगे

उत्तर - वन विभाग के संरक्षण में मोर के रहने योग्य पौधे लगाये जाएंगे एवं जगह जगह कृत्रिम घोंसले रखे जाएंगे और उनके खाने के लिए व्यवस्था कराई जाएगी। मानव-पशु संघर्ष के दायरे को कम करने के लिए स्थानीय सार्वजनिक एजेंसियों, और हमारी कंपनी के पर्यावरण प्रभाग के अधिकारियों सहित अन्य हित धारकों की मदद से स्थानीय समुदायों को शिक्षित करके संरक्षित क्षेत्रों के बाहर वन्यजीवों के संरक्षण के लिए कार्यक्रम तैयार और



कार्यान्वित किए जाएंगे। यह सुनिश्चित किया जाएगा कि संरक्षित क्षेत्रों के सीमांत पर मानव गतिविधियां जीव जंतुओं के आवास को खराब न करें।

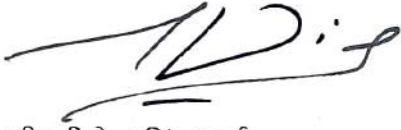
8. प्रश्न- क्षेत्रीय अधिकारी ने प्रश्न किया की वायु प्रदूषण के लिए क्या उपाय करेंगे  
उत्तर - रास्तो पर नियमित रूप से पानी का छिड़काव किया जाएगा। इससे धूल उत्सर्जन में 70-80% और कमी आएगी। वाहनों को तिरपाल से ढककर ही परिवहन किया जाएगा। दिन में दो बार पानी का छिड़काव किया जाएगा। सड़कों को सही रखरखाव किया जाएगा। यह वाहनों के सुचारु प्रवाह को सुनिश्चित किया जाएगा। गैस उत्सर्जन को नियंत्रण में रखने के लिए वाहनों की उचित ट्यूनिंग की जाएगी। आस-पास के गांव में धूल के प्रभाव को रोकने के लिए स्थानीय प्रशासन और वन विभाग के परामर्श से नदी के किनारे, सहायक क्षेत्र और जुड़े हुए एप्रोच रोड पर 7,900 वृक्ष रोपण प्रस्तावित है।
9. प्रश्न- वायु प्रदूषण की जांच के लिए क्या किया जाएगा।  
उत्तर - वायु प्रदूषण की जांच के न्यूनतम 4 स्थानों को चिह्नित किया जाएगा जहां पर नियमानुसार जांच मशीनों को लगाया जाएगा।
10. प्रश्न- पानी के बहाव को रोकने के लिए क्या करेंगे  
उत्तर - पानी के बहाव के साथ छेड़छाड़ नहीं किया जाएगा एव सुरक्षा क्षेत्र 5 हेक्टेरमें सुरक्षा बांध बना दिया जाएगा जिस से पानी का बहाव सुचारु रूप से होता रहेगा। माइनिंग गतिविधि केवल सूखे नदी तल में ही की जाएगी। सहायक गतिविधियों/खनिज भंडारण के लिए 8.35 हेक्टेरक्षेत्र प्रस्तावित है। 33.42 हेक्टेर क्षेत्र में से केवल 20.02 हेक्टेर क्षेत्र में ही माइनिंग गतिविधि की जाएगी।
11. प्रश्न- डी.डी.पी.ओ, मोहदया, पलवल ने प्रश्न किया की गांव के विकास में क्या सहायता की जाएगी।  
उत्तर - विकासकर्ता ईएसआर कार्यक्रम को भी मानदंडों के अनुसार अपनाएगा और आस-पास के गांवों को अलग-अलग सुविधाएं प्रदान करेगा। कार्यक्रम की मुख्य विशेषताएं इस प्रकार हैं:  
सामाजिक कल्याण कार्यक्रम जैसे चिकित्सा सुविधाओं, शैक्षिक सुविधाओं, कर्मचारियों के साथ-साथ आस-पास के ग्रामीणों के लिए पानी की आपूर्ति का प्रावधान किया जाएगा। स्थानीय लोगों को प्राथमिकता के आधार पर रोजगार की सुनियोजित योजना तैयार की गई है। ग्रामीण आबादी के बीच स्वास्थ्य निगरानी शिविरों, सामाजिक कल्याण और विभिन्न जागरूकता कार्यक्रमों का प्रयास किया जाएगा। सामाजिक वृक्षारोपण कार्यक्रम में सहायता करना। सामान्य विकास के लिए गांवों को गोद लेना। आस-पास के गांवों में पानी की आपूर्ति। गांवों के भीतर सड़कों आदि जैसी सुविधाओं का विकास किया जाएगा।
12. प्रश्न- क्षेत्रीय अधिकारी ने प्रश्न किया की ध्वनि प्रदूषण के लिए क्या उपाय करेंगे।  
उत्तर - ध्वनि प्रदूषण के लिए सड़क के दोनों ओर वृक्षारोपण किया जाएगा। मशीनों का सही रखरखाव किया जाएगा एवं माइनिंग गतिविधि केवल दिन के समय की जाएगी। जिस से ध्वनि प्रदूषण न्यूनतम हो जाएगा।
13. प्रश्न- माननीय उपायुक्त मोहदया ने प्रश्न किया की क्या गाड़ियों की पार्किंग की व्यवस्था की जाएगी।  
उत्तर - गाड़ियां पब्लिक क्षेत्र में खड़ी नहीं की जाएगी। भंडारण एवं पार्किंग के लिए 8.35 हेक्टेर का संरक्षित क्षेत्र है। यदि पार्किंग के लिए अतिरिक्त जमीन की आवश्यकता हुई तो लीज पर अतिरिक्त जमीन ले ली जाएगी किन्तु पब्लिक क्षेत्र में पार्किंग नहीं की जाएगी।

14. प्रश्न - माननीय उपायुक्त मोहदया ने प्रश्न किया की खनन का समय क्या रहेगा।  
उत्तर - खनन केवल दिन के समय में किया जाएगा

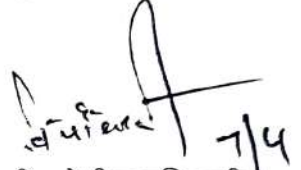
15. प्रश्न - माननीय उपायुक्त मोहदया ने प्रश्न किया की वाहन की ओवरलोडिंग के लिए क्या किया जाएगा।  
उत्तर - सभी वाहन को ढक कर ले जाया जाएगा ओर नियमानुसार अधिकतम 25 टन रेत ही लोड किया जाएगा।

अंत में श्री विजय चौधरी, क्षेत्रीय अधिकारी, हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड क्षेत्रीय कार्यालय, पलवल रीजन ने आमजन को कहा कि इस परियोजना से होने वाले प्रदूषण की रोकथाम के लिए जरूरी कदम उठाए जाएंगे व अंत में उन्होंने सभी का धन्यवाद किया।

अधिकारियों की हाजरीअनुलग्नक 'क' व पब्लिक की हाजरीअनुलग्नक 'ख' पर संलग्न है फोटो व मी. डी. अनुलग्नक 'ग' व 'घ' पर संलग्न है।



श्रीमती नेहा सिंह, आई.ए.एस.  
उपायुक्त, जिला - पलवल



विजय चौधरी, क्षेत्रीय अधिकारी,  
हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड  
क्षेत्रीय कार्यालय पलवल रीजन

**क्षेत्रीय कार्यालय**  
**हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड**  
**पलवल (हरियाणा)**



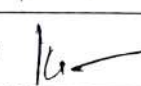

2763720/2023/REGION PALWAL

PUBLIC HEARING FOR ENVIRONMENT CLEARANCE OF MINING OF SAND  
(MINOR MINERAL) FROM THE RIVERBED OF YAMUNA RIVER (SULTANPUR  
UNIT) AT VILLAGE SULTANPUR & ATWA, TEHSIL & DISTRICT PALWAL AND  
STATE HARYANA WITH PRODUCTION CAPACITY- 10,80,000 METRIC TON/ YEAR  
IN LEASE AREA OF 33.42 HA FOR LEASE PERIOD - 08 YEARS

DATE: 28.03.2023

LOCATION: NEAR PROJECT SITE

### ATTENDANCE SHEET

S. NO.	NAME	DESIGNATION	SIGN
1.	Smt. Neha Singh I.A.S.	D.C. Palwal	
2.	UPMA	D.D.P.O Palwal	
3.	Vijay Chaudhary R.O., H.S.P.C.B., Palwal		
4.	Komalesh Kumari M.O. Mining Deptt		
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			



2763720/2023/REGION PALWAL Mining of Sand (mined Material) from the Riverbed of Yamuna River (Subsidence Cracks) with 10,000 mt/year production over an area of 33.42 ha located at village Subharkh<sup>Distt</sup> 477

Attest — 28/3/2023 at 11:20 AM

Sl. No	Name	Address	Telephone No	Sign
1	भरत सिंह	सुलतानपुर	9253062783	Bharat Singh
2	रहीश	सि. अजय	7027087996	Rishi
3	Keshav	Bharkh	9813687819	Keshav
4	Harender	Barkh	9467135872	Harender
5	Manish	Badka		
6	श्री. राजेश	सुलतानपुर	9991228346	Shri. Rajesh
7	Rajinder Singh	Sultanpur	9671993012	Rajinder Singh
8	राजेश	सुलतानपुर	9812725858	Rajesh
9	श्री. राजेश	सावन	9050316618	Shri. Rajesh
10	श्री. राजेश	सावन	819992288	Shri. Rajesh



2763720/2023/REGION PALWAL

DELTA (Pg No)

Date / Page No DELTA (Pg No)

No	Name	Address	Telephone	Signature
1	Hari Prakash	Palwal	0972736280	[Signature]
2	Prakash	Sultanpur	8053520092	[Signature]
3	Jyoti	Sultanpur	9729616764	[Signature]
13	Sagun	Sultanpur	9991696928	[Signature]
14	Love	Sultanpur	9092151537	[Signature]
15	Devender	"	8168320114	[Signature]
16	Sunid	"	7015279922	[Signature]
17	Vinay	"	8814030319	[Signature]
18	Deepak	"	8930324712	[Signature]
19	Jawan	"	9991914608	[Signature]
20	Balwanshu	"	9416210796	[Signature]
21	Devender	Sultanpur	7419200330	[Signature]

22	Keshraj	Sultanpur	9813858582	Keshraj
23	राज	सुल्तानपुर	9991709198	
24	Naresh	Sultanpur	9991401403	
25	उमदी	सुल्तानपुर	7027279188	
26	Harsh	सुल्तानपुर	9518154615	Harsh
27	Sharminder	Sultanpur	9991294449	
28	Yashraj	11	8816962424	
29	Anil		9996712341	
30	Abhishek	11	9992972506	
31	Manoj	11	9050666710	
32	Sonu	11	9759551793	
33	Davendra	11	9991118893	

No	Name	Address	Mo No	
34	Jaiyy Panchab	Sudansuh	9097934000	
35	Dasmamdar	11 Suh	9927097921 9813532333	
36	Kishan	11	7927000723	
37	Manoj -			
38	Suhil	Sudansuh	9871676729	
39	Sonu	Sultanpur	8053182186	Sonu
40	Sunder	Muatafabad	9813712016	Sunder
41	Lokesh	Sultanpur	9050530707	
42	Aradh	11	9996975759	
43	Farveem	11	8307614161	
44	99	11	7027275704	



**HARYANA STATE POLLUTION CONTROL BOARD**

**C-11 Sector-6, Panchkula,  
Website - www.hspcb.gov.in,  
E-mail- hspcbho@gmail.com  
Tele Fax No. 0172-2577870-73**

**NOTICE FOR PUBLIC HEARING**

It is for the information of all concerned regarding conducting the Public Hearing of proposed project Mining of sand (Minor Mineral) from the River bed of Yamuna River (Sultanpur Unit) with 10,80,000 MT/year production over an area of 33.42 Hectare located at Village-Sultanpur & Atwa, Tehsil & District Palwal. This project is covered under the ambit of Environment Impact Assessment Notification dated 14th Sep. 2006 issued by the Ministry of Environment, Forest and Climate Change Department, GOI, thus required to obtain Environmental Clearance. The detail of unproject and date, time & venue of Public Hearing is given as under:-

Sr. No.	Name of the Unit	Date of Public Hearing	Time of Public Hearing	Venue of Public Hearing
1.	M/s N.M. Traders Village Mangola Near Manjeet Filling Station, Meerul Road Kamal, Haryana.	28.03.2023	11.30 a.m.	Near the Mining site of Village Sultanpur & Atwa, Tehsil and District Palwal Haryana.

As a part of procedure for seeking the Environmental clearance, notified by the Ministry of Environment, Forest & Climate Change Department, Govt. of India, New Delhi vide Notification No. S.O. 1533 (E), dated 14.9.2006, the project proponent mentioned above have applied to the Haryana State Pollution Control Board, for conducting a Public Hearing so as to obtain views, suggestions and objection, if any, of the nearby Public on the proposed project. Copies of executive summary of the project and EIA study report, submitted by the project proponent, are available in the following offices, which can be perused during office hours, on any working day :-

1. Deputy Commissioner, Palwal.
2. Regional Officer, Haryana State Pollution Control Board, II-Floor, HSVP Office Complex, Near Gymkhana Club, Sector-12, Palwal-121102.
3. O/o Chairman Zila Parishad, Palwal.
4. O/o Commissioner, Municipal Council, Palwal.
5. District Development and Panchayat Officer, Palwal.
6. Deputy Director, District Industries Centre, Palwal.

Notice is hereby given to all concerned, to file suggestions, views, comments and objections, if any, on the proposed project, to the Chairman, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula as well as Regional Officer, Haryana State Pollution Control Board, II-Floor, HSVP Office Complex, Near Gymkhana Club, Sector-12, Palwal-121102 within 30 days. Besides, Public Hearing also will be held on the date, time & Venue mentioned above at the proposed site of the project, which can be attended by any person including bonafide residents, Environmental group and other located at the project site / sites of displacement / sites likely to be affected. Oral/Written suggestion, if any be admissible for attending the Public Hearing.

No TA/DA will be admissible for attending the Public Hearing.

**Pardeep Kumar, IAS  
Member Secretary.**

**KEEP HARYANA CLEAN AND POLLUTION FREE**

PRDH-1209/11/81/2023/15795/11/4



2763720/2023/REGION PALWA Regional Office, Palwal Region  
 Haryana State Pollution Control Board  
 II - Floor , HSVP Office Complex,  
 Near Gymkhana Club, Sector -12, Palwal-121102  
 Website - [www.hspcb.gov.in](http://www.hspcb.gov.in) E-Mail - [hspcbropal@gmail.com](mailto:hspcbropal@gmail.com)

HSPCB/PAL/2022/ 1842

Date: 13/02/2023

To,  
 The Member Secretary  
 Haryana State Pollution Control Board  
 Panchkula.

**Sub: Mining of sand (Minor Meneral) from the Riverbed of Yamuna River (Sultanpur Unit) with 10,80,000 MT/ Year Production over an area of 33.42 has located at village – Sultanpur & Atwa, Tehsil & District Palwal and State Haryana – Regarding Submission of Drfat EIA (Environment Impact Assessment) Report of Consucting Public Hearing as per provision of EIA Notification 2006 (amended thereof).**

**Ref DC office letter No. 13974/MB-2 dated 08.02.2023**

In this connection, it is submitted that the Draft EIA/EMP report for the above said project for conducting Public Hearing as per EIA notification, 2006 has been received in this office on the 30.01.2023; public hearing fee has been deposited by the project proponent in 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".

In this regard Worthy Deputy Commissioner, Palwal was requested to give convenient date & time at least 45 days before for conducting Public Hearing for above said project so that same could be advertised in one major Newspaper Daily Newspaper/Local newspaper as per procedure of EIA notification 14<sup>th</sup> Sept. 2006 amended till date through our head office.

**The date of hearing is fixed for 28.03.2023 at 11:30 AM near the mining site of Village – Sultanpur & Atwa, Tehsil and District – Palwal, Haryana.**

Submitted for kind information and further necessary action please.

VIJAY  
 CHAUDHARY

**Regional Officer  
 Palwal Region**

**Dated : 13/02/2023**

**Endst.No. HSPCB/PAL/2022/1843-1845**

A copy of above is forwarded to the following for kind information and further necessary action please.

1. The Deputy Commissioner, Palwal.
2. The Senior Environmental Engineer (SWM), Haryana State Pollution Control Board, Panchkula
3. The Senior Environmental Engineer (Cord. Cell), Haryana State Pollution Control Board, Panchkula

VIJAY  
 CHAUDHARY

**Regional Officer  
 Palwal Region**



# M.M. TRADERS

Village Manglora, Near Manjeet Filling Station, Meerut Road,  
KARNAL, Haryana -132001

Ref. No.....

Dated.....

Ref. No.  
Encl. As above

Date: 19.01.2023

The Member Secretary  
Haryana State Pradesh Pollution Control Board,  
C-11, Sector-6, Panchkula,  
Haryana - 134109,

Sub.: Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Sultanpur Unit) with 10,80,000 MT/ year production over an area of 33.42 ha located at Village Sultanpur & Atwa, Tehsil & District Palwal 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 Letter File No. SEIAA/HR/2022/264 dated 15.11.2022.

Sir,

With reference to above mentioned subject, M/s M. M. Traders has proposed Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Sultanpur Unit) with 10,80,000 MT/ year production over an area of 33.42 ha located at Village Sultanpur & Atwa, Tehsil & District Palwal and State Haryana. M/s M. M. Traders has appointed Parivesh Environmental Engineering Services, a NABET accredited consultant vide NABFT /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. 570787 dated 18.01.2023.

- 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. 570787) 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,

For M/s M. M. Traders

Vipin  
(Authorized Signatory)

Encl. As above

23/01/23  
Haryana State Pollution Control Board  
C-11, Sector-6, Panchkula



2763720/2023/REGION PALWAL

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मांगड़ाफ्ट

DEMAND DRAFT

Key: TUDCOY  
Sr. No: 192951

1 8 0 1 2 0 2 3  
D D M M Y Y Y Y

मांगे जानेपर MEMBER SECRETARY HARYANA STATE POLLUTION CONTROL BOARD\*\*\*\*\*

या उनके आदेश पर

ON DEMAND PAY

OR ORDER

रुपये RUPEES One Lakh Fifty Thousand Only

अदा करें ₹ 150000.00

IOI 00456570787  
Name of Applicant

Key: TUDCOY Sr. No: 192951  
M/S M.M. TRADERS

AMOUNT BELOW 150001(0/6)

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होमोनाइज्ड सेक्रेटरी

*Pland*  
**KRISHAN CHANDER**  
C-5160  
BRANCH MANAGER

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INSTRUMENTS FOR ₹ 1,50,000/- & ABOVE ARE NOT VALID UNLESS SIGNED BY TWO OFFICERS

⑈ 570787⑈ 000002000⑈ 000456⑈ 16

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# EXECUTIVE SUMMARY

## MINING OF SAND (MINOR MINERAL) FROM THE RIVERBED OF YAMUNA RIVER (SULTANPUR UNIT)

VILLAGE SULTANPUR & ATWA, TEHSIL & DISTRICT PALWAL AND  
STATE HARYANA.

MAXIMUM PRODUCTION – 10,80,000 MTPA

AREA – 33.42 HA



By MUZAMMIL  
Kishanpur, Uttar Pradesh | 2022.12.18 10:33

PROPONENT	:	<b>M/S M. M. TRADERS</b>
ENVIRONMENT CONSULTANT	:	<b>PARIVESH ENVIRONMENTAL ENGINEERING SERVICES</b> Nabet Certificate No. - NABET /EIA/2124/IA 0092 (Rev.01)
STUDY PERIOD	:	<b>POST-MONSOON (OCTOBER 2022 TO DECEMBER 2022)</b>
VERSION	:	<b>PEES/EIA/22-23/23</b>

**JANUARY 2023**



Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Sultanpur Unit) with 10,80,000 MT/ year production over an area of 33.42 ha located at Village Sultanpur & Atwa, Tehsil & District Palwal and State Haryana

## E. Executive Summary

### E.1. General

M/s M. M. Traders is proposing the sand mine project on riverbed of Yamuna River. Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River with 10,80,000 MT/ year production over an area of 33.42 ha located at Village Sultanpur, Tehsil & District Palwal and State Haryana.

**Table E-1: Approvals / Permissions from Concerned Authorities**

NOCs	Approval / Permission Details
Lease Grant	Letter of Intent has been issued by the Director Mines & Geology Haryana vide letter no. <b>DMG/HY/SULTANPUR UNIT/PALWAL/2022/5242 PANCHKULA dated 17-08-2022</b> for Mining of Sand (Minor Mineral) in Sultanpur Unit, comprising Sultanpur & Atwa villages over an area of 33.42 hectares in district Palwal, Haryana for a period of 8 years.
Cluster NOC	The information was asked about other mines coming within 500m radius from the lease from Department of Mines and Geology, Faridabad. The clarification from department vide letter <b>MO/FBD/6926 dated 29.08.2022</b> confirms there is no other mining activity within 500m from project lease boundary to form mining cluster. So, it is individual project in the area.
Mining Plan	As per rule 70 of Haryana Minor Mineral Concession, Stocking, Transportation of Minerals & Presentation of Illegal Mining Rule, 2012, the mining plan was submitted to department and mining plan was approved vide reference no. <b>DMG/HG/SULTANPUR UNIT/2022/6375-6378 DATED 18.10.2022.</b>
Forest NOC	Clarification for No forest involved in proposed lease for both pits have been obtained vide <b>Reference No. (SRN): QC6-9N2-V919 dated 28.09.2022</b> for Sultanpur unit & <b>Reference No. (SRN): XU8-D8R-RJVJ dated 28.09.2022</b> for Atwa unit.

**Table E-2: Salient Features of Mine**

S. No.	Parameters	Description
1.	Name of the project	Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Sultanpur Unit)
2.	Nature & category of Mine	Non-Coal Mining Category 'B' of Activity 1(B)
3.	Project Proponent	M/s M. M. Traders
4.	Khasra No.	<b>For Mining (Sultanpur Unit)</b> 122/9// 9 min, 122/3// 3 min, 4, 5, 6, 7, 8 min, 14 min, 15, 16 min, 122/4// 10, 11, 12, 13, 16, 17, 18, 19, 20 min, 21, 22 min, 23 min, 24, 25, 122/ 5// 2, 3 min, 4, 5, 6, 7 min, 8, 14 min, 15 min, 122 min. For Ancillary area (Sultanpur Unit) 122/3// 11, 12, 19, 20, 21, 22, 122/6// 1, 2, 122//2 15, 16/1, 16/2, 25. <b>For Mining (Atwa Unit)</b> 9// 10 min, 11 min, 12 min, 13 min, 16 min, 17 min, 18, 19, 20, 21 min, 22 min, 23, 24, 25 8// 21 min, 22 min, 24 min, 25 min 15//, 2 min, 3 min, 4 min,



**EXECUTIVE SUMMARY OF DEIA REPORT**

(General) from the Riverbed of Yamuna River (Sultanpur Unit) with 10,80,000 MT/ year production over an area of 33.42 ha located at Village Sultanpur & Atwa, Tehsil & District Palwal and State Haryana

S. No.	Parameters	Description																																																												
		5, 6 min, 16//, 1, 2 min, 9 min, 10 10//, 4 min, 6 min, 7 min, 14 min, 15, 16 min, 17 min, 25/2 min. For Ancillary area (Atwa Unit) 14// 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.																																																												
5.	Total Lease area	33.42 Ha (Riverbed of Yamuna River)																																																												
6.	Location of the project	Village- Sultanpur & Atwa, Taluk- Sultanpur, District- Palwal, Haryana																																																												
7.	Toposheet No.	H43X8 - Project Site & H43X8, H43X12, G43F5 & G43F9 - Study Area.																																																												
8.	Maximum Production Capacity	10,80,000 Metric Tonne / Year																																																												
9.	Geological Mineral Reserve	13,53,456 Metric Tonne																																																												
10.	Mineable Reserve	10,81,296 Metric Tonne																																																												
11.	Geographical co-ordinates	<table border="1"> <thead> <tr> <th>Point</th> <th>Longitude</th> <th>Latitude</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align: center;"><b>SULTANPUR UNIT</b></td> </tr> <tr> <td>G</td> <td>28°03'56.67"N</td> <td>77°29'6.04"E</td> </tr> <tr> <td>H</td> <td>28°03'52.15"N</td> <td>77°29'15.54"E</td> </tr> <tr> <td>I</td> <td>28°03'48.25"N</td> <td>77°29'10.35"E</td> </tr> <tr> <td>J</td> <td>28°03'51.96"N</td> <td>77°29'3.58"E</td> </tr> <tr> <td>Q</td> <td>28°03'44.13"N</td> <td>77°29'31.61"E</td> </tr> <tr> <td>R</td> <td>28°03'36.68"N</td> <td>77°29'27.15"E</td> </tr> <tr> <td>S</td> <td>28°03'50.19"N</td> <td>77°29'13.46"E</td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>ATWA UNIT</b></td> </tr> <tr> <td>Q</td> <td>28°01'58.42"N</td> <td>77°30'17.83"E</td> </tr> <tr> <td>Q1</td> <td>28°01'54.90"N</td> <td>77°30'16.70"E</td> </tr> <tr> <td>R</td> <td>28°01'56.46"N</td> <td>77°30'24.26"E</td> </tr> <tr> <td>R1</td> <td>28°01'52.50"N</td> <td>77°30'23.70"E</td> </tr> <tr> <td>S</td> <td>28°01'54.77"N</td> <td>77°30'30.78"E</td> </tr> <tr> <td>S1</td> <td>28°01'51.20"N</td> <td>77°30'28.90"E</td> </tr> <tr> <td>T</td> <td>28°01'52.97"N</td> <td>77°30'36.54"E</td> </tr> <tr> <td>T1</td> <td>28°01'49.00"N</td> <td>77°30'36.20"E</td> </tr> <tr> <td>U</td> <td>28°01'52.09"N</td> <td>77°30'41.27"E</td> </tr> <tr> <td>U1</td> <td>28°01'48.30"N</td> <td>77°30'41.60"E</td> </tr> </tbody> </table>	Point	Longitude	Latitude	<b>SULTANPUR UNIT</b>			G	28°03'56.67"N	77°29'6.04"E	H	28°03'52.15"N	77°29'15.54"E	I	28°03'48.25"N	77°29'10.35"E	J	28°03'51.96"N	77°29'3.58"E	Q	28°03'44.13"N	77°29'31.61"E	R	28°03'36.68"N	77°29'27.15"E	S	28°03'50.19"N	77°29'13.46"E	<b>ATWA UNIT</b>			Q	28°01'58.42"N	77°30'17.83"E	Q1	28°01'54.90"N	77°30'16.70"E	R	28°01'56.46"N	77°30'24.26"E	R1	28°01'52.50"N	77°30'23.70"E	S	28°01'54.77"N	77°30'30.78"E	S1	28°01'51.20"N	77°30'28.90"E	T	28°01'52.97"N	77°30'36.54"E	T1	28°01'49.00"N	77°30'36.20"E	U	28°01'52.09"N	77°30'41.27"E	U1	28°01'48.30"N	77°30'41.60"E
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12.	Topography of ML area	Highest elevation in riverbed at extreme north end is 181.30mRL and bank top level is 184.0 mRL whereas the levels at the extreme south end in riverbed is 176.00mRL and Riverbank top is 179.00 mRL. The Yamuna River flows from NW to SE direction in Sultanpur revenue village whereas its direction of flow in Atwa area riverbed is almost west to east.																																																												
13.	Mining Method & Technology	Opencast manual method will be adopted. No specific method of exploration is required as the river borne sediments are deposited all along the riverbed and are very well exposed on the surface. Moreover, these sediments are accumulated/ replenished every year during rainy season by flood waters to almost the same level depending on the intensity of rains on the upstream side. Adequate quantity of sand reserves is available for meeting consumer demand.																																																												
14.	Ultimate depth of Mining	3 m from the riverbed of Yamuna River																																																												

2763720/2023/REGION PALWAL

Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Sultanpur Unit) with 10,80,000 MT/ year production over an area of 33.42 ha located at Village Sultanpur & Atwa, Tehsil & District Palwal and State Haryana

S. No.	Parameters	Description		
15.	Ground water level	05 - 10 m from the surface level		
16.	GWT intersection	Mining will be done only up to 3m from surface. So, ground water table will not be intersected.		
17.	Drainage pattern/ water courses	Mining will be done in dry riverbed; stream will not be touched and will be done only during non-monsoon period.		
18.	Water requirement & source	The source of water is private water tankers. The break-up of water requirement is as follows:		
		<b>S. No.</b>	<b>Description</b>	<b>Demand</b>
		1	Dust Suppression	29.3 KLD
		2	Greenbelt Development	7.9 KLD
		3	Domestic Requirement	3.0 KLD
		<b>Total</b>	<b>40.2 KLD</b>	
19.	Cost of project	The capital cost for the project will be Rs. 10.18 Crores and machinery will be hired on contract bases.		

Source: Approved Mining Plan

## E.2. Analysis of Alternative

It is case of fresh quarry lease. The mineral is site specific, so no alternative site was identified. Lease approval from concerned authority has been obtained and enclosed in report.

## E.3. Description of Baseline Environment

Environmental data has been collected during post-monsoon season i.e., October 2022 to December 2022 in accordance with the guidelines for preparation of EIA studies.

**Table E-3: Baseline Status**

Parameters	Baseline Status
Ambient Air Quality	PM <sub>10</sub> particulate matter 10 varying from 38 µg/m <sup>3</sup> to 80 µg/m <sup>3</sup> . PM <sub>2.5</sub> was observed 15 µg/m <sup>3</sup> to 31 µg/m <sup>3</sup> . SO <sub>2</sub> was varying from 6.2 µg/m <sup>3</sup> to 10.6 µg/m <sup>3</sup> . NO <sub>x</sub> was observed 10.1 µg/m <sup>3</sup> to 15.2 µg/m <sup>3</sup> in study area. CO was observed from 0.46 mg/m <sup>3</sup> to 1.12 mg/m <sup>3</sup> in study area.
Noise Level	The Sound Pressure Level recorded during the daytime on all locations varies from 37.9 dB(A) to 55.6 dB(A) & in time it varies between 27.4 dB(A) to 40.2 dB(A).
Ground Water	All the parameters were observed mostly exceeding the acceptable limits but well within permissible limits for drinking water standard 10500:2012. pH (7.1 to 7.8), TDS (814 mg/l to 851 mg/l), alkalinity (218.5 mg/l to 274.9 mg/l), Total Hardness (301.2 mg/l to 313.6 mg/l), Calcium as Ca (62.3 mg/l to 72.4 mg/l), Magnesium as Mg (31.6 mg/l to 36.1 mg/l), Chloride (215.0 mg/l to 261.4 mg/l) & Sulphate (52.4 mg/l to 59.2 mg/l) parameters were analysed.
Surface Water	The pH was varying between 7.2 to 7.6. Dissolved Oxygen of the sources was varying between 5.8 to 6.4. BOD was observed 39 mg/l to 46 mg/l. Total Coliform were observed varying between 1400 to 1600 MPN/100ml.
Soil Quality	The soil was predominantly Loamy in the study area. The pH was ranges 7.2 to 8.0. The conductivity was varying from 319 µmhos/cm to 418 µmhos/cm. Organic Carbon was varying from 0.3% to 0.51%. Nitrogen was varying from



Parameters	Baseline Status
	138 kg/ha to 193 kg/ha. Phosphorous was varying from 15 kg/ha to 21 kg/ha. Potassium was varying from 109 kg/ha to 124 kg/ha.
Meteorology	The maximum temperature was 35.3°C in the month of October and the minimum temperature was 8.2°C in the month of December. The average wind speed recorded was 1.3 m/sec. Predominant wind direction during the study period was mainly SW to NE followed by NE to SW.

#### E.4. Anticipated Environmental Impact and Mitigation Measures

The proposed mining operations are not anticipated to raise the concentration of the pollutants beyond prescribed limits. The identified impacts and mitigation measures are detailed below.

- ✓ Total 774 PCU/ day will increase in the existing traffic due to this mining activity hence vehicle collation may occur unwanted sound and can also cause impact on human health of villagers near to transportation route like effect on breathing and respiratory issues. Accidents may occur due to fast movement of vehicles. The truck movement will be from suggested transportation route only. It is proposed to plant 7900 nos. of plants in plan period and water sprinkling will be done twice in a day to reduce the impact.
- ✓ The machinery will be maintained in good running condition so that noise will be reduced to minimum possible level. Vehicles with PUC certificate will be hired. Regular maintenance of vehicles will be done to ensure smooth running of vehicle. Awareness will be imparted to the workers about the permissible noise level and effect of maximum exposure to those levels. In addition, truck drivers will be instructed to make minimum use of horns in the village area and sensitive zones.
- ✓ There will be no impact on water environment as the mining will be limited to 3m only and the water level of project site is 5-10m from the surface. So, no impact on water was identified. Only 0.6 KLD sanitary wastewater will be generated from the proposed mining activity which will be treated in septic tanks and will be used for plantation purpose.
- ✓ The mine worker will generate municipal solid waste of about 16 Kg per day, which will have an adverse impact on human health. There will be 4 Nos. of garbage, provided for domestic waste collection. There will be no overburden due to mining in the riverbed area.
- ✓ The mining activities will be done in a systematic manner by maintaining the road infrastructure and vehicle transport, which will be a protective measure for preserving the topography and drainage in the area.
- ✓ No human settlement is proposed in mining or ancillary area. Local manpower will be preferred.
- ✓ No mining will be carried out during the rainy season to minimize impact on aquatic life.
- ✓ There is only 1 species (**Pea fowl - *Pavo cristatus***) of Schedule I observed during the study period hence, for the same conservation plan was prepared. Subsequently, a budget of Rs. 10 Lakhs has allotted for the conservation of wildlife species.
- ✓ The mining of Sand is likely to increase the per capita income of local people by which the socioeconomic status of the people will be improved. The local people have been provided with either direct employments or indirect employment such as business, contract works



- and development work like roads, etc. and other welfare amenities such as medical facilities, conveyance, free education, drinking water supply etc.
- ✓ Except dust generation, there is no source which can show a probability for health-related diseases. Regular water sprinkling will be done with sprinkles mounted tankers and dust masks will be provided to the workers.
  - ✓ Personal protective equipment will provide to prevent the noise exposure. Personal Protective Equipment will be provided during mining activity. Regular Health check-up camps will be organized. All the workers will be insured by employer.

### E.5. Environmental Monitoring Program

To maintain the environmental quality within the stipulated standards, regular monitoring of various environmental components is necessary which will have complied as per conditions. For this the lessee has taken decision to formulate an Environment Policy of the mine and constitute an Environmental Management Cell and committed to operate the proposed mine with the objectives mentioned in approved Environment Policy. A budget for monitoring of Air, water, Noise and Soil will be Rs. 60.0 thousand annual which is to be incurred by the project proponent for undertaking pollution prevention measures during the mining activity.

### E.6. Additional Studies

As per proposal made under the mining plan the area will be developed by means of opencast mining method. Water table will not be touched during the mining process. No high-risk accidents like landslides, subsidence flood etc. have been apprehended.

The Safety Health and Environmental (SHE) policy is existing and accessible to all at site and to other stakeholders. The policy has been framed considering legislative compliance, stakeholder involvement, continual improvement, and management by objectives.

To minimize the health impacts PPE like dust masks, ear plugs/ muffs and other equipment will be provided for use by the work personnel. All workers will be subjected to Initial Medical Examination as per Mines Rule 1955 at the time of appointment. Periodical Medical Examination will be conducted at least once in five years. Medical camps will be organized Six Monthly by proponent.

There is no displacement of the population within the project area and adjacent nearby area. This working of mine will offer more employment, chances to some of the nearby population, it is always obvious that the safe mining activity will help to improve socio-economic conditions of the inhabitants.

### E.7. Project Benefit

The project proponent is conscious of its social responsibility and as any good corporate citizen; it is proposed to undertake the need specific (skilled & non-skilled) employment. This Project will provide employment to local people directly and indirectly. Indirect employers are shopkeepers, mechanic, drivers, transporters etc. About 67 persons will get direct employment and 20 persons will get indirect employment form nearby villages. The workers will be mostly skilled.

The developer will also adopt the ESR program as per norms and will provide vary facilities the nearby villages. The salient features of the programme are as follows:



023/5/300 (Palwal Mineral) from the Riverbed of Yamuna River (Sultanpur Unit) with 10,80,000 MT/ year production over an area of 33.42 ha located at Village Sultanpur & Atwa, Tehsil & District Palwal and State Haryana

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- ✓ Social welfare program like provision of medical facilities educational facilities, water supply for the employees as well as for nearby villagers will be taken.
- ✓ A well laid plan for employment of the local people has been prepared by giving priority to local people.
- ✓ Supplementing Govt. efforts in health monitoring camps, social welfare, and various awareness programs among the rural population.
- ✓ Assisting social plantation program.
- ✓ Adoption of villages for general development.
- ✓ Supply of water to village nearby villages.
- ✓ Development of facilities within villages like roads, etc.

### **E.8. Cost of Environment Management Plan**

The detailed activity-wise has been calculated which are INR 26.0 Lakhs as a Capital Cost and INR 6.90 Lakhs per annum as a Recurring cost, respectively. Total budget of INR 60.5 Lakh for environmental measurements has been ensured by the developer.

### **E.9. Conclusion**

As per above discussion there is no major impact on the environment due to mining except fugitive emission during loading, unloading of mineral & transportation. The adequate preventive measures will be adopted to contain the various pollutants within permissible limits. It is proposed to plant about 7,900 saplings and gap plantation considering 1000 / plant including maintenance and fencing. It will prove an effective pollution mitigate technique and help avoid soil erosion during monsoon season. Employment opportunities will be provided to the locals only as providing extraction of minerals from the mine site is the only prevailing occupation for them for their livelihood. Plantation development will be carried out in the mine premises, along the approach roads, around Govt. buildings, schools approx.