

South Eastern Coalfields Limited

ATR in reference to Hon'ble NGT order No. OA no. 104/2018 dt 24.06.2021 in the matter of Shivpal Bhagat & others vs Union of India & Others

SHORT- TERM MEASURES

- **Requiring all coal mines in Raigarh district to accept fly ash for disposal through OB dump and back-filling. (Action by respective Coal mine companies).**

ATR:- At present, fly ash is being accepted as backfilling with OB at Gare Palma IV/2&3 OCM. Member Secretary CECB Raipur vide letter no.318 dt 10.05.2021 (enclosed as annexure-1) has allotted void at Domnara OC Mine (abandoned) of Raigarh Area SECL for fly ash filling.

- **Requiring that whatever coal is being supplied to JPL and JSPL from Gare Palma IV/2&3 should be transported through the already existing closed conveyor belts and no such coal transport should be allowed via trucks. (Action by SECL)**

ATR: - Whatever coal is being supplied to JPL is taken through existing closed conveyor belts at CHP installed at JPL premises.

- **Installation of adequate number of CCTV and CAAQM stations in coal mining area. Proper records under CCTV coverage shall be maintained by coal mines to ensure movement of covered trucks loaded with coals and regular and comprehensive operation of sprinklers in coal zone, stockyard and all mine roads. CAAQMS shall be connected to CECB/CPCB server, and also displayed on the mine gates for public information. (Action by respective coal mine companies).**

ATR: - CCTV's are installed at points barrier to ensure coal transportation through covered truck. Mobile water Sprinklers are deployed for dust suppression measures. As per mandatory conditions of EC and CTO, fixed location ambient air Quality monitoring is being conducted by the CMPDI on regular basis and reports are regularly submitted to MoEF&CC and CECB. CAAQMS for Gare Pelma IV/2&3 OC, Bijari OC & Jampali OC – indent sent to SECL HQ for approval. CECB has selected the place SECL Chhal Nawapara colony of Chhal Sub Area for installation of CAAQMS. NOC given to CECB for installation of CAAQMS (enclosed annexure-2).

- **Proper repairing and maintenance of roads both inside and outside the mine area to ensure smooth movement of trucks and other load carrying vehicles. (Action by Public Works Department and respective mining companies).**

ATR:- Maintenance of roads inside the mine area is being maintained by the SECL. In addition, 42 crores has been approved by SECL Board to Raigarh PWD for construction of 19 kms, 7 m wide tar road from Gharghoda to Jampali. Work awarded on dt 02.08.2021 (enclosed as annexure-3).

The details of work awarded for the internal roads of mines is enclosed as annexeure-4. In addition to this work to extent of Rs. 29.9 crore has been approved and work is under progress. The works are likely to be completed in next 12 months.

- **Proper and free health care facilities with multispecialty treatment system may be provided in all coal mine-adjacent villages as per the recommendations of the committee report of 14.6.2019 in the Dukalu Ram (OA 314/2014 CZ) case. (Action by respective coal mine companies).**

ATR:-Proper free health care facilities available with SECL dispensaries adjacent to the coal mines regularly provided to the villagers. Intermittently health camps are organized with specialists and conducted with proper diagnosis, treatment & prescriptions. Needy cases with grave diseases are registered and given aid by the SECL authorities like for eye (cataract surgeries), some cardiac problems etc. The details of medical camp organized is enclosed as annexure-5

LONG TERM MEASURES

- **To reduce the pollution and other impacts caused by road transport of coal and other minerals, directions may be issued that coal transport by road from coal mines or to thermal power plants in these two blocks will be permitted only for 1 year, after which transport must be done by rail or closed conveyer belt only.**

ATR:- At present, New Korrichappar siding is in use for catering the evacuation requirement of Baroud OCP, Chhal OCP & Bijari OCP. Further the work awarded for 2 nos CHP for Chhal OCP & Baroud OCP, LOA issued on dt 18.01.2021. Likely date for commencement of 2 nos CHP is April 2023. Simultaneously rail connectivity to both the mines is taken up by CERL (Joint venture of SECL & IRCON). The details of coal transportation through rail & road is enclosed as annexure-6

RECOMMENDATIONS

- **Directions from Hon'ble NGT may also be issued to CMD, SECL, Bilaspur to expedite allotment of abandoned coal mines in consultation with CECB and complete it before 31st December 2020."**

ATR:- Member Secretary CECB Raipur vide letter no.318 dt 10.05.2021 (enclosed as annexure-1) has allotted void at Domnara OC Mine (abandoned) of Raigarh Area SECL for fly ash filling.

**FIELD OBSERVATIONS OF COMMITTEE IN RELATION TO SECL AT
PAGE 27 & 28 OF HON'BLE NGT ORDER NO. OA NO. 104/2018 DT 24.06.2021**

- **Fire in coal mine/coal dump:** The committee observed smoke in Gare Palma IV/2-3 (SECL). (Pic-12) SECL assured the committee that they have followed instructions provided by CIMPHER but measure advised as covering with clay have not worked. Fires/ smoke is constant hazard in coal mining. Nevertheless, fires close to human habitation need to be immediately put on to prevent pollution and health hazard

ATR:- The action taken report for control & prevention of fire within 500 m of Kusumpalli and Sarasmal village is attached as annexure- 7

- **Making abandoned mines available for disposal of fly ash-** Update: Ministry of power has identified 3 mines for fly ash dumping in Tamnar-Gharghoda region. Chhaal mine is actually not available because it is being worked. Mand mine is an UG mine has already been decommissioned. It is not easy to reuse it for fly ash dumping. DGMS will be requested to suggest ways in which it can be made available for fly ash dumping. OCP mine at Domnara is found suitable for disposal fly ash available for which SECL, Raigarh has moved the letter to its HO at Bilaspur office seeking permission. In case of permission granted for Domnara mine preference shall be given to TRN Energy Private Limited and some other power producers that generate fly ash and have limited area for fly ash disposal.

ATR:- Member Secretary CECB Raipur vide letter no.318 dt 10.05.2021 (enclosed as annexure-1) has allotted void at Domnara OC Mine (abandoned) of Raigarh Area SECL for fly ash filling.



Annexure- 1

छत्तीसगढ़ पर्यावरण संरक्षण मंडल
पर्यावास भवन, नॉर्थ ब्लॉक, सेक्टर-19
नवा रायपुर अटल नगर, जिला-रायपुर (छ.ग.)
e-mail - hocceb@gmail.com

क्रमांक / तक/मु./छ.ग.पं.सं./2021 नवा रायपुर अटल नगर, दिनांक / /2021
प्रति.

महाप्रबंधक (समान)/पर्यावरण,
मेसर्स सासथ ईस्टर्न कोल फील्ड्स लिमिटेड,
सीयट रोड,
बिलासपुर - 495 006 (छ.ग.)

विषय :- Allotment of void at Domnara OC mine (Abandoned) of Raigarh area of SFCI. for fly ash filling के संबंध में।

संदर्भ:- आपका क्रमांक एस.ई.सी.एल./बीएसपी/पर्यावरण/2020/293, दिनांक 13/04/2021

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उपरोक्त विषयान्तर्गत कृपया संदर्भित पत्र का अवलोकन करें, जिसके माध्यम से मेसर्स एच.ई.सी.एल. के रायगढ़ क्षेत्र में स्थित डोमनारा ओपन कास्ट बंद खदान में निम्नानुसार ताप विद्युत संयंत्रों में फ्लाइ ऐश के भराव के संबंध में आबंटन संबंधी प्रस्ताव किया गया है-

- (1) मेसर्स डी.बी. लिमिटेड, ग्राम-बड़ादरहा, जिला-जॉजगीर-चांपा
- (2) मेसर्स एस.के.एस. पॉवर जनरेशन (सी.जी.) लिमिटेड, ग्राम-बिंजकोट/दारागुड़ा, जिला-रायगढ़
- (3) मेसर्स टी.आर.एन. एनर्जी प्राइवेट लिमिटेड, ग्राम-नवापारा, जिला-रायगढ़
- (4) मेसर्स एम.एस.पी. स्टील एण्ड पॉवर लिमिटेड, ग्राम-जामगांव, जिला-रायगढ़
- (5) मेसर्स सिंघल इण्टरप्राइजेस प्राइवेट लिमिटेड, ग्राम-तराईमाल, जिला-रायगढ़

उक्त के परिपेक्ष्य में मंडल मुख्यालय में उपरोक्त ताप विद्युत संयंत्रों से एसईसीएल की खदानों में फ्लाइ ऐश के भराव के संबंध में आवेदन प्राप्त हुआ है, जिसका गुणदोष के आधार पर परीक्षण किया गया है। तदनुसार छत्तीसगढ़ पर्यावरण संरक्षण मंडल, डोमनारा ओपन कास्ट बंद खदान में उपरोक्त उद्योगों से उत्पन्न फ्लाइ ऐश के भराव हेतु प्राप्त प्रस्ताव पर सिद्धांततः सहमत है, जिसका विवरण निम्नानुसार है:-

क्रमांक	ताप विद्युत संयंत्र का नाम	आबंटित मात्रा
1.	मेसर्स डी.बी. लिमिटेड, ग्राम-बड़ादरहा, जिला-जॉजगीर-चांपा	20890.69 घनमीटर
2.	मेसर्स एस.के.एस. पॉवर जनरेशन (सी.जी.) लिमिटेड, ग्राम-बिंजकोट / दारागुड़ा, जिला-रायगढ़	10445.34 घनमीटर
3.	मेसर्स टी.आर.एन. एनर्जी प्राइवेट लिमिटेड, ग्राम-नवापारा, जिला-रायगढ़	10445.34 घनमीटर
4.	मेसर्स एम.एस.पी. स्टील एण्ड पॉवर लिमिटेड, ग्राम-जामगांव, जिला-रायगढ़	765.99 घनमीटर
5.	मेसर्स सिंघल इण्टरप्राइजेस प्राइवेट लिमिटेड, ग्राम-तराईमाल, जिला-रायगढ़	452.63 घनमीटर

उक्त तथ्यों के परिपेक्ष्य में उपरोक्त ताप विद्युत संयंत्रों से फ्लाइं एश के भराव हेतु शीघ्रातिशीघ्र अनुबंध कर भराव की कार्यवाही प्रारंभ कराये तथा मंडल पुरझालय को सूचित भी करें। वांछित कार्यवाही 15 दिवस के भीतर अपेक्षित है। यह ध्यान रहे कि उक्त खदान में फ्लाइं एश के भराव करने में भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली के ओ.एम. दिनांक 28/08/2019 के माध्यम से जारी गाईड लाईन्स का पालन किया जाना है।

एसईसीएल प्रबंधन से यह भी अपेक्षित है कि उक्त के अतिरिक्त रायगढ़ क्षेत्र में स्थित कोयला खदानों में उपलब्ध Voids की संग्रहना को तलाशने हेतु गंभीरता से प्रयास किये जाय, जिससे फ्लाइं एश के अधिकतम मात्रा में भराव की कार्यवाही की जा सके।

सदस्य सचिव
छत्तीसगढ़ पर्यावरण संरक्षण मंडल,
नवा रायपुर, अटल नगर, जिला-रायपुर (छ.ग.)

पृ. क्रमांक 319 / तक / मु. / छ.ग.पं.सं.मं. / 2021
प्रतिलिपि:-

नवा रायपुर अटल नगर, दिनांक 10/08/2021

1. अध्यक्ष सह प्रबंध निदेशक, मेसर्स साउथ ईस्टर्न कोल फील्ड्स लिमिटेड, सीपत रोड, बिलासपुर-495 006 की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
2. निदेशक, तकनीकी, मेसर्स साउथ ईस्टर्न कोल फील्ड्स लिमिटेड, सीपत रोड, बिलासपुर-495 006 की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
3. महाप्रबंधक, डी.बी. लिमिटेड, ग्राम-बड़ादरहा, जिला-जॉजगीर-चांपा की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
4. महाप्रबंधक, मेसर्स एस.के.एस. पॉवर जनरेशन (सी.जी.) लिमिटेड, ग्राम-बिंजकोट/दारानुडा, जिला-रायगढ़ की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
5. महाप्रबंधक, मेसर्स टी.आर.एन. एनर्जी प्राईवेट लिमिटेड, ग्राम-नवापारा, जिला-रायगढ़ की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
6. महाप्रबंधक, मेसर्स एम.एस.पी. स्टील एण्ड पॉवर लिमिटेड, ग्राम-जामगांव, जिला-रायगढ़ की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
7. महाप्रबंधक, मेसर्स सिंघल इण्टरप्राईजेस प्राईवेट लिमिटेड, ग्राम-तराईमाल, जिला-रायगढ़ की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

सदस्य सचिव
छत्तीसगढ़ पर्यावरण संरक्षण मंडल,
नवा रायपुर, अटल नगर, जिला-रायपुर (छ.ग.)



SOUTHEASTERN COALFIELDS LIMITED
OFFICE OF THE GENERAL MANAGER, RAIGARH AREA

P.B. No. 27, P.O. Raigarh, Dist. Raigarh (C.G.) 496001

Ph No. 07762-222008, 224129, Fax No. 07762-223152

Ref: - SECL/GM/RGH//2021/1270

Date: - 06/09/2021

प्रति,

क्षेत्रीय अधिकारी
 छ.ग. पर्यावरण संरक्षण मंडल, रायगढ़,
 जिला-रायगढ़ (छ.ग.)

विषय:- ऑनलाईन परिवेशीय वायु गुणवत्ता मापन हेतु उपकरण स्थापना बाबत अनापत्ति हेतु।

संदर्भ:- आपका पत्र क्रमांक 786 दिनांक 13.08.2021 एवं पत्र क्रमांक 928 दिनांक 03.09.2021.

उपरोक्त विषयांतर्गत आपके संदर्भित पत्र द्वारा CAAQM स्टेशन स्थापना हेतु एस.ई.सी.एल., छाल गेस्ट हाउस के समीप स्थित गार्डन परिसर (मंदिर के पीछे) का रिक्त स्थान का चयन किया गया है।

अतः उक्त स्थल पर आपके द्वारा CAAQM स्टेशन की स्थापना हेतु उद्योग मेसर्स एस.ई.सी.एल., क्षेत्र रायगढ़, जिला-रायगढ़ को कोई आपत्ति नहीं है। CAAQM स्टेशन हेतु आवश्यक बिजली एवं इंटरनेट की सुविधा एस.ई.सी.एल. प्रबंधन द्वारा उपलब्ध करायी जायेगी। कृपया आवश्यक कार्यवाही हेतु प्रेषित है।


 महाप्रबंधक
 रायगढ़ क्षेत्र



प्रतिलिपि

- उप क्षेत्रीय प्रबंधक छल परियोजना
- नोडल अधिकारी पर्यावरण, रायगढ़ क्षेत्र



क्षेत्रीय कार्यालय
छ.ग. पर्यावरण संरक्षण मंडल,
टी.व्ही.टॉवर रोड, रायगढ़

आवक क्र ७४६ /क्षे.का./पर्या.सं.गं./2021

रायगढ़ दिनांक 13/08/21

प्रति,

मुख्यमहा प्रबंधक,
मेसर्स एस.ई.सी.एल. लिमिटेड, रायगढ़ क्षेत्र,
जिला-रायगढ़ (छ.ग.)

विषय :- रायगढ़ जिले में CAAQMS की स्थापना के लिए स्थल चयन के संबंध में।
संदर्भ :- मंडल मुख्यालय का पत्र क्रमांक 11262 दिनांक 20.03.2021

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उपरोक्त विषयातर्गत लेख है कि माननीय नेशनल ग्रीन ट्रिब्यूनल द्वारा ओ.ए. क्र.मांक 200/2018 में पारित आदेश दिनांक 20.03.2020 के परिपालन में रायगढ़ में 04 नग (03 खदान क्षेत्र एवं 01 ग्रामीण क्षेत्र) CAAQMS की स्थापना की जानी है। मंडल मुख्यालय द्वारा एजेसी को प्रदाय आदेश जारी किया जा चुका है। सूचित हो कि एस.ई.सी.एल. छाल गेस्ट हाऊस के समीप स्थित गार्डन परिसर (मंदिर के पिछे) में रिक्त स्थान का चयन इस कार्यालय द्वारा किया गया है। उक्त स्थल के संबंध में कृपया अनापत्ति प्रदान करने का कष्ट करें, जिससे की उपकरण स्थापना हेतु अग्र कार्यवाही की जा सकें (उपकरण स्थापना हेतु आवश्यक सुविधाएँ यथा थ्री-फेस विद्युत व्यवस्था एवं ग्रॉउन्डिंग इंटरनेट की सुविधा आवश्यक है)।


क्षेत्रीय अधिकारी

छत्तीसगढ़ पर्यावरण संरक्षण मंडल

रायगढ़ (छ.ग.)

रायगढ़ दिनांक 13/08/21

पृ. क्र. ७४७ /क्षे.का./पर्या.सं.गं./2021

प्रतिलिपि :-

उपक्षेत्रीय प्रबंधक, एस.ई.सी.एल., छाल, उपक्षेत्र छाल, रायगढ़ क्षेत्र, जिला-रायगढ़ (छ.ग.) को और साक्षर सूचनाार्थ।


क्षेत्रीय अधिकारी

छत्तीसगढ़ पर्यावरण संरक्षण मंडल

रायगढ़ (छ.ग.)

कार्यालय कार्यपालन अभियंता
लो;नि;वि; रायगढ संगगाग
रायगढ(छ.ग.)

आपन क्र :- 4243/T0133/SAC/2021-2022/रायगढ(छ.ग.) दिनांक : 02/08/2021

प्रति,

मेसर्स राहुल कंस्ट्रक्शन

A, विवेकानंद नगर, रत्नाबांधा रोड, पोस्ट एवं
जिला-धमतरी (छ.ग.)

विषय : अभिखणपुर रायगढ मार्ग के कि मी 139 से 157 लंबाई 19 00 का (घरघोडा बायपास से जामपाली एस
ई सी एल खदान तक) चौड़ीकरण एवं मजबूतीकरण कार्य का वार्य प्रारम्भ करने सम्बन्धी आदेश

सन्दर्भ : इस कार्यालय द्वारा जारी पत्र क्र. 3883 दिनांक 15/07/2021 ।

उक्त सन्दर्भ में आपके द्वारा निष्पादित अनुबन्ध के परिप्रेक्ष्य में इस पत्र के माध्यम से आपको विषयवर्तित कार्य प्रारम्भ करने हेतु आदेशित किया जाता है । कृपया निष्पादित अनुबन्ध की शर्तों के

अनुसार कार्य प्रारम्भ कर निर्धारित अवधि में पूर्ण किया जाना सुनिश्चित करें । अनुबन्ध का मुख्य विवरण

निम्नानुसार है -

1. अनुबन्ध क्रमांक एवं वर्ष - 104 / 2021-2022
2. निविदा का राशि - रु. 4193.83 लाख
3. स्वीकृत दर - 13.11 प्रतिशत एस ओ आर से कम
4. लागू एस ओ आर

एस ओ आर

दिनांक तक संशोधित

SOR for Road Work (Civil) Issued by EinC PWD Chhattisgarh w.o.f. 01/01/15

08/11/2017

SOR for Bridge and Culvert Work (Civil) Issued by EinC PWD Chhattisgarh w.o.f. 01/01/15

08/11/2017

5. अनुबन्ध की अवधि - 15 माह 00 दिने (वर्षों प्रत्यु सहाति)
6. अनुबन्ध में परफार्मेंस गारंटी की अवधि - अनुबन्ध पूराता के पश्चात 60 माह तक
- रु. 3644.02 लाख ।
7. अनुबन्ध का लागत निविदा दर सहित

कार्यपालन अभियंता
लो;नि;वि; रायगढ संगगाग
रायगढ(छ.ग.)

पृष्ठा क्र :- 4243/T0133/SAC/2021-2022/रायगढ(छ.ग.) दिनांक : 02/08/2021

प्रतिनिधि -

SECL RAIGARH AREA
DETAILS OF UPCOMING ROAD INFRASTRUCTURE AT SECL, RAIGARH AREA

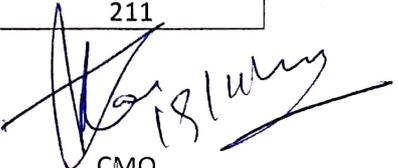
S.No	Name of Unit	Name of Project	Lenght/width of Haul Road	Nature of Road	Award Value (Rs)	LOA Details	Present Status
1	Baroud	Strengthening & widening of siding road upto coal stock at Baroud OCM of Baroud Sub Area (Including 5 year maintenance)	1200 M/10.50M	CC Road	32832367.01	GM(C)/SECL/BSP/WO/R GH/2020/110 Dt/ 12.04.21	Work Started
2	Baroud	Construction of Coal Transportation Road for both empty and loaded truck from Bijari Junction upto Coal Stock Baroud Expansion at Baroud Sub Area.	3400 M/7.00M	CC Road	71394515.05	GM(C)/SECL/BSP/WO/R GH/2020/109 Dt/ 12.04.21	Work Started
3	Baroud	Construction of coal transportation road from Baroud Coal stock to expansion patch junction at Baroud Sub Area	2200 M/ 7.00M	WBM Road	23155578.96	GM(C)/SECL/BSP/WO/R GH/2020/108 Dt/ 09.04.21	Work Started
4	Bijari	Construction of approach road to 03 Nos. weigh bridges under Bijari Sub Area	300.00 M/ 7.00M	CC Road	7669492.60	SECL/GM/RGH/SO(C)/21-22/01 dtd. 12.04.2021	Work Started
5	Bijari	Construction of Approach road to Bijari OCM in Raigarh Area. (Including 5 year maintenance)	a.2240 M/7.00M b.1800 M/14.00M	CC & WBM Road	106654633.23	GM(C)/SECL/BSP/WO/R GH/2021/121 dtd. 13.08.2021	Work Started
6	Jampali	Construction of Approach road from State Highway to weigh bridges at Jampali Sub Area (Including 5 year maintenance)	1200.00 M/ 7.00M	CC Road	21591876.00	SECL/GM/RGH/SO(C)/21-22/04 dtd. 17.04.2021	Work Started
7	Jampali	Scheme for Construction of Approach road from project office to mine entry at Jampali Sub Area	120.00 M/7.00M	CC Road	1737573.60	SECL/GM/RGH/SO(C)/20-21/53 dtd. 10.03.2021	Work Completed
8	Jampali	Scheme for the work of "Construction of Coal Transportation road of 2.00KM from State Highway to mine entrance for Jampali OCP of Jampali Sub Area	2000 M/ 7.00M	WBM	21785962.40	GM(C)/SECL/BSP/WO/R GH/2021/119 Dt/ 05.07.21	Work Started
9	Jampali	Strengthening widening and development work for light vehicle road from State Highway to Project Office complex Jampali	2800 M/ 5.50M	Bituminous Road	12206628.00	SECL/GM/RGH/SO(C)/21-22/05 dtd. 17.04.2021	Work Started
Total					299028626.85		


 HOD/GM (Civil),
 SECL Raigarh Area


SECL RAIGARH AREA

LIST OF MEDICAL CAMPS ORGANIZED BY SECL RAIGARH AREA AT GARE PELMA BLOCK

Sl.No.	Name of Village/Place	Date of Camp	No. of beneficiaries
1	Kosampali	01.06.2019	57
2	Kosampali	06.07.2019	70
3	Sarasmal	07.07.2019	48
4	Dongamouha	08.07.2019	95
5	Kosampali	09.08.2019	61
6	Dongamouha	12.08.2019	87
7	JPL Colony	20.08.2019	21
8	Gare Pelma OCM	16.10.2019	61
9	Gare Palma IV/1 OCM	13.10.2019	13
10	Gare Pelma OCM	06.10.2019	51
11	Kosampali	01.02.2020	230
12	Gare Pelma (contractual worker MPCC)	05.04.2020	51
13	MPCC	06.04.2020	44
14	JPL Colony	19.04.2020	35
15	JPL Colony	22.04.2020	16
16	JPL Colony	26.04.2020	10
17	JPL Colony	30.04.2020	13
18	JPL Colony	03.05.2020	19
19	JPL Colony	06.05.2020	13
20	JPL Colony	10.05.2020	25
21	JPL Colony	13.05.2020	22
22	JPL Colony	17.05.2020	21
23	JPL Colony	26.05.2020	12
24	JPL Colony	31.05.2020	21
25	JPL Colony	07.06.2020	12
26	JPL Colony	28.06.2020	04
27	JPL Colony	12.07.2020	08
28	JPL Colony	19.07.2020	08
29	JPL Colony	26.07.2020	12
30	JPL Colony	11.10.2020	30
31	JPL Colony	18.10.2020	27
32	JPL Colony	08.11.2020	16
33	JPL Colony	15.11.2020	21
34	JPL Colony	22.11.2020	20
35	JPL Colony	29.11.2020	17
36	JPL Colony	06.12.2020	13
37	JPL Colony	03.01.2021	17
38	Libra village	15.03.2021	211



CMO

SECL RAIGARH AREA

SECL RAIGARH AREA

COAL DESPATCH DETAILS (in tonnes)

Name of Mine	Year			
	2020-21		2021-22 (TILL OCT)	
	Rail	Road	Rail	Road
Chhal OC	0	2350439.13	22769.71	1965189.62
Baroud OC	1419571.11	2441863.51	605918.51	1711004.21
Jampali OC	487363.76	1223971.14	183130.62	1069564.41
Bijari OC	468010.66	1041559.51	181459.52	439026.37
Gare Pelma IV/2&3 OC	0	3240930.05	0	1310430.45
Gare Pelma IV/1 OC	0	0	0	0
TOTAL	2374945.53	10298763.34	993278.36	6495215.06
GRAND TOTAL	12673708.87		7488493.42	


 - 16/11/21

CONTROL AND PREVENTION OF FIRE IN GARE PALMA IV/2&3 OPENCAST MINE OF RAIGARH AREA

Sl. No	Location No. as shown in the plan	Location of fire, local/Eastern and northern grid position	Date of first detection of the fire and status of fire	Method by which the fire was dealt	Present status as on 22.08.2021	Action being taken to completely arrest /cool fire as recommended by the Scientific Study of CSIR-CIMFR (Project No.CNP/4441/2016-17 & IIT[ISM] Project No. CONS/3316/2016-17)
1	1	Pit 1 Coal fire in Seam VIII N902200 & E2950850	28.01.2016	Fire area was quenched by water & then the loose coal was excavated.	No sign of fire or heating	Weekly inspection and monitoring by authorized competent person.
2	2	Pit 1 OB Bottom Bench west side N902360 & E2951150	28.01.2016	Non combustible OB material have been dumped to blanket the site	No sign of fire or heating	Weekly inspection and monitoring by authorized competent person.
3	3	Pit 1 Coal Bench Seam No. VIII N902370 & E295860	28.01.2016	Additional trenching has been done and the fire has been quenched.	No sign of fire or heating	Weekly inspection and monitoring by authorized competent person.
4	4	Pit 1 Coal Bench seam No. IX N902280 & E2950830	28.01.2016	Fire area was quenched by water & then the loose coal was excavated.	No sign of fire or heating	Weekly inspection and monitoring by authorized competent person.
5	5	Mid Pit: Coal Bench seam No. IX N903020 & E2950300	28.01.2016	High Pressure Water jets have been used to quench the fire.	No sign of fire or heating	Weekly inspection and monitoring by authorized competent person.
6	6	Mid Pit: Coal Bench seam No. IX N903150 & E2950250	28.01.2016	High Pressure Water jets have been used to quench the fire.	No sign of fire or heating	Weekly inspection and monitoring by authorized competent person.
7	7	Bihari Pit: Coal Bench seam No. IX N903566 & E2950020	28.01.2016 active fire spread over 50 Mtrs in loose coal	High Pressure Water jets with sodium silicate and DAP mixing have been done to quench fire.	No sign of fire or heating	Weekly inspection and monitoring by authorized competent person.

8	8	Mid Pit: Coal Bench seam No. VIII N903530 & E2950700	28.01.2016	High Pressure Water jets have been used to cool down the burnt mass. Still in progress.	No sign of fire or heating	Weekly inspection and monitoring by authorized competent person.
9	9	Mid Pit: Coal Bench seam No. VIII N903390 & E2950620	28.01.2016	At first, the burnt material was cooled with high pressure water jets and then the removed by dozing.	No sign of fire or heating	Weekly inspection and monitoring by authorized competent person.
10	10	Pit 1: OB Dump 3 rd Bench from Bottom N902980 & E2951115	28.01.2016	Fire suppressed by blanketing with OB material	No sign of fire or heating	Weekly inspection and monitoring by authorized competent person.
11	11	Pit 1: OB Dump Bottom Bench west Side N902450 & E2951240	28.01.2016	Blanketing by OB Material	No sign of fire or heating	Weekly inspection and monitoring by authorized competent person.
12	12	Pit 1: OB Bench, 4 th Bench from Bottom N905020 & E2951270	28.01.2016	Fire quenched by blanketing with OB material	No sign of fire or heating	Weekly inspection and monitoring by authorized competent person.
13	13	Pit 2: 2 nd overburden bench from Bottom, near Bansal Camp N904000 & E2950050	29.1.2016 Smoke coming out	Fire was quenched by using pressure jet & then blanketing by incombustible material (overburden/top soil).	No sign of fire or heating	Fire point has been blanketed with incombustible material.
14	14	Pit 2: bottom overburden bench N903900 & E2949900	29/1/2016 Smoke coming out	Fire was quenched by using pressure jet & then blanketing by incombustible material (overburden/top soil).	No sign of fire or heating	Fire point has been blanketed with incombustible material.
15	15	Pit 2: Seam No. VIII, Near village Boundary of Kosumpali/Sarasmal N904040 & E2949480	29.01.2016 Blazing fire	Fire area was quenched by water jets then coal in the affected area was excavated.	No sign of fire or heating	Weekly inspection and monitoring by authorized competent person.

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16	16	Bihari Pit: Coal seam VIII, near CISF post N903500 & E2950030	28.01.2016 Blazing fire in shale sandstone & shale in area more than 10 Mtrs	Fire area was quenched by high pressure water jet followed by blanketing with incombustible material in the area of 50 Mtrs X 20 Mtrs.	No smoke or vapors detected. Cooled.	Weekly inspection and monitoring by authorized competent person.
17	17	Bihari Pit: Coal seam IX/VIII Near village N903540 & E2950030	10.09.2016 Blazing fire 10 Mtrs above the sump	Fire area was quenched by high pressure water jet followed by blanketing with incombustible material in the area of 50X20 m ²	No smoke or vapors detected. Cooled.	Weekly inspection and monitoring by authorized competent person.
18	18	Pit 2: Seam No IX fire near point 15 N903900 & E2949250	10.09.2016 Smoke coming out in an area of around 25 Mtrs length	Fire area was quenched by high pressure water jet, and then affected area in coal seam excavated. Later blanketing with incombustible material.	No smoke or vapors detected. Grass is observed indicating complete cooling.	Weekly inspection and monitoring by authorized competent person.
19	19	Bihari Pit: OB dump fire N904180 & E2949500	10.09.2016 170 Mtrs in OB dump, smoke & blazing fire	High pressure water jets with chemical injection have been used to quench the fire.	No smoke or vapors detected. Grass is observed indicating complete cooling	Weekly inspection and monitoring by authorized competent person.
20	20	OB dump just above VIII seam Near Nalini Chowk N902950 & E2950800	10.09.2016 50 Mtrs under fire/smoke in sand stone	High pressure water jets with chemical injection have been used to quench the fire.	This place is completely excavated.	Weekly inspection and monitoring by authorized competent person.
21	21	OB dump fire Near Haul Road, Near Nalini Chowk	10.09.2016 Blazing fire in loose OB & coal bench	Fire area was quenched by high pressure water jet, and then affected area in coal & OB were excavated. Later	This place is completely blanketed. No sign of smoke/vapors are	Weekly inspection and monitoring by authorized competent person.

		N902940 & E2950780		blanketing with incombustible material was being done.	observed.	
22	22	OB dump fire Near Haul Road/edge of the shelter (above Nalini chouk) N902900 & E2951000	10.09.2016 Fire/smoke in dump in the length of 100 Mtrs	Fire area was quenched by high pressure water jet, and then affected area in coal & OB were excavated. Later blanketing with incombustible material was being done.	This place is completely blanketed. No sign of smoke/vapors are observed.	Weekly inspection and monitoring by authorized competent person.
23	23	OB dump fire near road left edge (above Nalini chouk) N902950 & E2950980	10.09.2016 Blazing fire/smoke in dump in the length of 50 Mtrs. high CO concentrations.	Fire area was quenched by high pressure water jet, and then affected area in coal & OB were excavated. Later blanketing with incombustible material was being done.	This place is completely blanketed. No sign of smoke/vapors are observed.	Weekly inspection and monitoring by authorized competent person.
24	24	Mid Pit: Coal Seam IX N903650 & E2949820	03.10.2019 Smoke coming out in coal bench of height upto 7 m	Use of high pressure water jet for cooling followed by blanketing with incombustible material. Still under monitoring.	This place is completely blanketed. No sign of smoke/vapors are observed.	Fire point has been blanketed with incombustible material.
25	25	Coal stock yard no 3 back side of WB no 4 N902100 & E2950550	16.11.2019 Blazing fire in the length of 40 -50 Mtrs, Temp 120°C to 180°C	Use of high pressure water jet for cooling followed by fast liquidation of coal.	Coal is completely liquidated	No further requirements.
26	26	Coal stock yard no 3(coal) back side of WB no 6	17.11.2019 Blazing fire in the length of 40	Use of high pressure water jet for cooling followed by fast liquidation of coal.	Coal is completely liquidated	No further requirements.

		N902040 & E2950490	-50 Mtrs, Temp 100°C to 120°C			
27	27	Coal stock yard no 1(coal) back side of WB no 2 N901470 & E2950950	28.01.2020 Blazing fire in the length of 40-50 Mtrs, Temp ranging 200°C to 240°C	Use of high pressure water jet for cooling followed by fast liquidation of coal.	Coal is completely liquidated	No further requirements.
28	28	Pit 2: Seam IX, Near Pumping Station of N903920 & E2948592	17.11.2020 Smoke observed in the length of 4-6 Mtrs	Use of high pressure water jet for cooling followed by excavation by excavator will be followed. Still under monitoring.	Smoke is still observed	High pressure water jets are being used to quench the fire. Dealing of fire is in progress.
29	29	OB dump fire, on the way to old dump (behind Bansal's Camp) N904000 & E2950150	2.12.2020 Smoke observed in the length of 20-30 Mtrs. temp ranging 80°-90° C	Use of high pressure water jet for cooling.	Smoke is still observed	High pressure water jets with chemicals are being used to quench the fire. Dealing of fire is in progress.
30	30	Pit 1: Coal seam VII fire along the coal transporting road N902550 & E2950750	27.7.2021 Blazing fire is observed in the length of 20-25 Mtrs. temp ranging 200°-240° C	Use of fire tenders with high pressure water jet for cooling	Smoke is coming out in the length of 20-25 Mtrs temp ranging 118°-135° C	High pressure water jets with chemicals are being used to quench the fire. Dealing of fire is in progress.
31	31	Pit 1: OB dump fire ,along the coal transportation road, near crossing point of	29.7.2021 Vapors are observed in the length of 30-40	Use of fire tenders with high pressure water jet for cooling	Vapors are coming out in the length of 20-30 Mtrs temp ranging 40°-45° C	High pressure water jets are being used to quench the fire. Dealing of fire is in progress.

		Coal & OB tippers N902780 & E2951000	Mtrs temp ranging 45°-50° C			
32	32	Pit 1: Fire in coal splinter seam of thickness 3 feet above the seam IX and surrounding area in overburden bench, N903450 & E2950200	14.08.2021 Smoke coming out in the area ranging from 50 to 60 Mtrs Temp. in the range of 95°C to 185°C.	Use of fire tender with chemicals is in progress.	Smoke coming out in the area ranging from 50 to 60 Mtrs Temp. In the range of 95°C to 185°C.	Control measure to prevent the fire as recommended by scientific study of CISR- CIMFR & IIT(ISM), Dhanbad is going on. (Fire dealing under progress)

Mine Manager
Gare Palma IV/2&3 OCM
S.E.C.L. Unit
IV/2 & 3, Tamar
Raigarh Area

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22-8-2021
AGENT
S.E.C.L., Gare Palma
IV/2 & 3, Tamar
Raigarh Area

Handwritten signature 22.8.21
Signature of Competent Person
Authorized under Reg. 135 (6)