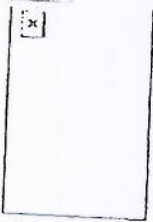


SPEED POST

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J 13011/10/2009-IA.II(T)
Government of India
Ministry of Environment & Forests

BY SPEED POST

Paryavaran Bhawan
CGO Complex, Lodi Road
New Delhi-110 003
Dated: December 04, 2009

To
M/s Dhariwal Infrastructure (P) Ltd.
1008, A-Wing Lokmat Bhawan,
10th Floor, Nagpur ? 400 012

Sub: 2x300 MW Coal Based Thermal Power Plant in MIDC Industrial Area, at village Tadali, in Distt. Chandrapur, in Maharashtra ? reg. Environmental Clearance (reconsideration).

Sir,

The undersigned is directed to refer to letters dated 18.08.2009 and 05.10.2009 on the subject mentioned above. The Ministry of Environment & Forests has examined the application.

2. It has been noted that the proposal is for setting up a 2x300 MW Coal Based Thermal Power Plant in MIDC Industrial Area, at village Tadali, in Distt. Chandrapur, in Maharashtra. Land requirement will be 480 acres. Coal requirement will be 11040 TPD and will be sourced from SECL mines. Coal linkage has been obtained from Ministry of Coal. The coordinates of the site are latitude 20°00'30" to 20°01'20" N and longitude 79°11'50" to 79°12'35" E. Water requirement of 19.272 m cum per annum will be sourced from Wardha River which flows at a distance of 9.3 km from the plant site. Govt. of Maharashtra has accorded permission for water allocation from Wardha River. A Barrage is proposed to be constructed in Wardha River for uninterrupted water supply. There are no national parks, wildlife sanctuary, tiger & elephant reserves, heritage sites etc. within 10 km of the study area. MoU with M/s ACC for consumption of Fly Ash for its Chanda Cement Works is in place. As a contingency measure 65.2 acres of land is proposed for ash storage, which will be properly lined with HDPE. Abandoned mines are being identified within the District for disposal of bottom ash. Bhandak Reserve Forest is located at a distance of 7.8 kms away. Motaghat nallah flows at a distance of 6.2 km away in the east and Sarai Nallah at 5.0 km in South. Cost of the project will be Rs. 3054.00 Crores.

3. The project has been considered in accordance with the provisions of the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated September 14, 2006.

4. Based on the information submitted by you, as at Para 2 above and others, the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA notification dated September 14, 2006, subject to the compliance of the following conditions:

- i. No further expansion in capacity shall be permitted for this Power Plant in view of the uncertainty of water in lean season.
- ii. The two radial wells shall be constructed maintaining a distance of at least 450 m between them and at least 500 m from the nearest habitations/village boundary.

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- iii. Water from the radial well(s) shall be utilized only for extreme necessity during lean season and

shall be kept only as standby arrangement during lean season.

- iv. Hydro-geological study of the area shall be reviewed annually and results submitted to the Ministry and concerned agency in the State Govt. In case adverse impact on ground water quantity and quality is observed, immediate mitigating steps to contain any adverse impact on ground water shall be undertaken.
- v. A Two Bi-Flue stacks of 275 m height shall be provided with continuous online monitoring equipments for SO_x, NO_x and PM. Exit velocity of flue gases shall not be less than 25 m/sec. Mercury emissions from stack shall also be monitored on periodic basis.
not online..
- vi. High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm³.
- vii. Adequate dust extraction system such as cyclones/ bag filters and water spray system in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.
- viii. Utilisation of 100% Fly Ash generated shall be made from 4th year of operation of the plant. Status of implementation shall be reported to the Regional Office of the Ministry from time to time.
- ix. Fly ash shall be collected in dry form and storage facility (silos) shall be provided. 100% fly ash utilization shall be ensured from 4th year onwards. Unutilized fly ash shall be disposed off in the ash pond in the form of slurry form. Mercury and other heavy metals (As, Hg, Cr, Pb etc.) will be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.
- x. Ash pond shall be lined with HDP/LDP lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached.
- xi. For disposal of Bottom Ash in abandoned mines (if proposed to be undertaken) it shall be ensured that the bottom and sides of the mined out areas are adequately lined with clay before Bottom Ash is filled up. The project proponent shall inform the State Pollution Control Board well in advance before undertaking the activity.
- xii. Closed cycle cooling system with natural draft cooling towers shall be provided. The Effluents shall be treated as per the prescribed norms.
- xiii. The treated effluents conforming to the prescribed standards only shall be discharged. Arrangements shall be made that effluents and storm water do not get mixed.
- xiv. A sewage treatment plant shall be provided and the treated sewage shall be used for raising greenbelt/plantation.

- xv. Rainwater harvesting should be adopted. Central Groundwater Authority/ Board shall be consulted for finalization of appropriate rainwater harvesting technology within a period of three

months from the date of clearance and details shall be furnished.

- xvi. Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in coal yard, especially during summer season. Copy of these measures with full details along with location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry.
- xvii. Storage facilities for auxiliary liquid fuel such as LDO and/ HFO/LSHS shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.
- xviii. Regular monitoring of ground water level shall be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring around the ash pond area shall be carried out particularly for heavy metals (Hg,Cr,As,Pb) and records maintained and submitted to the Regional Office of this Ministry. The data so obtained should be compared with the baseline data so as to ensure that the ground water quality is not adversely affected due to the project.
- xix. Green Belt consisting of 3 tiers of plantations of native species around plant and at least 100 m width shall be raised. Wherever 100 m width is not feasible a 50 m width shall be raised and adequate justification shall be submitted to the Ministry. Tree density shall not less than 2500 per ha with survival rate not less than 70 %.
- xx. First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.
- xxi. Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75 dBA. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non noisy/less noisy areas.
- xxii. Regular monitoring of ground level concentration of SO_2 , NO_x , $RSPM(PM_{10}/PM_{2.5})$ and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of this Ministry. The data shall also be put on the website of the company.
- xxiii. A good action plan for R&R (if applicable) with package for the project affected persons be submitted and implemented as per prevalent R&R policy within three months from the date of issue of this letter.
- xxiv. An amount of Rs 12.0 Crores shall be earmarked as one time capital cost for CSR programme. Subsequently a recurring expenditure of Rs 3.0 Crore per annum shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within one month along with road map for implementation.
- xxv. As part of CSR programme the company shall conduct need based assessment for the nearby villages to study economic measures with action plan which can help in upliftment of poor section of society. Income generating projects consistent with the traditional skills of the

people besides development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. Company shall provide separate budget for community development activities and income generating programmes. This will be in addition to vocational training for individuals imparted to take up self employment and jobs.

- xxvi. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- xxvii. The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>.
- xxviii. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions/representations, if any, received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- xxix. A separate Environment Management Cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- xxx. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely: SPM , $\text{RSPM}(\text{PM}_{10}/\text{PM}_{2.5})$, SO_2 , NO_x (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.
- xxxi. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well by e-mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB.
- xxxii. The environment statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.
- xxxiii. The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of

Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of

Environment and Forests

xxxiv. Regional Office of the Ministry of Environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent will up-load the compliance status in their website and up-date the same from time to time at least six monthly basis. Criteria pollutants levels including NOx (from stack & ambient air) shall be displayed at the main gate of the power plant.

xxxv. Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.

xxxvi. The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.

xxxvii. Full cooperation shall be extended to the Scientists/Officers from the Ministry / Regional Office of the Ministry at Bangalore / CPCB/ SPCB who would be monitoring the compliance of environmental status.

5. The Ministry of Environment and Forests reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry. The Ministry may also impose additional environmental conditions or modify the existing ones, if necessary.

6. The environmental clearance accorded shall be valid for a period of 5 years to start operations by the power plant.

7. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

8. In case of any deviation or alteration in the project proposed including coal transportation system from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy of the condition(s) imposed and to add additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the Public Liability Insurance Act, 1991 and its amendments.

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10. Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

(LALIT KAPUR)

BY SPEED POST

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DIRECTOR

Copy to:-

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110001.
2. The Secretary (Environment), Forests and Environment Department Government of Maharashtra.
3. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
4. The Chairman, Maharashtra Pradesh State Pollution Control Board, Kalpataru Point, 3rd & 4th Floors, Sion Matunga Scheme Road No. 6, Opp. cine Planet, Sion Circle, Sion (E), Mumbai ? 400 022
5. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi- 110032.
6. The Chief Conservator of Forests, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, Arera Colony, Ravishankar Nagar, Bhopal - 462016.
7. The District Collector, Chandrapur District, Govt. of Maharashtra.
8. The Director (EI), MOEF.
9. Guard file.
10. Monitoring file.

(LALIT KAPUR)
DIRECTOR

Ref. No.: DIL/HSE/F-09/19-20/18

Date: 30/05/2019

To,
**The APCCF (C),
Ministry of Environment and Forest, Climate Change,
Regional Office (WCZ) Ground Floor,
East Wing, New Secretariat Building,
Civil Line, NAGPUR – 440001 (MH).**

Sub. : Half Yearly Compliance Report of the Environmental Clearance (1st October 2018 to 31st March 2019).

Ref. : MoEF, Govt. of India Environmental Clearance No. J-13011/10/2009-IA. II (T) dated 04-12-2009 and MoEF Notification dated: 26.11.2018.

Dear Sir,

We are operating 2 x 300 MW Thermal Power Plant at MIDC, Tadali Industrial Area, Chandrapur (M.S.) as per Environment Clearance under reference.

With reference to the MoEF Notification dtd: 26.11.2018, we are enclosing herewith Half Yearly Compliance Report for the period from 1st October 2018 to 31st March 2019 by e-mail (soft copy only) in respect of the terms and conditions stipulated in Environmental Clearance. We assure you of taking every feasible step towards preservation of environment.

We hope you will find the same in order. In case if find any difficulty with any file, kindly inform us.

Thanking you,

Yours faithfully,

For **DHARIWAL INFRASTRUCTURE LTD.**



(Goutam Ghosal)
Station Head

Encl.: As above

CC:

1. **The Incharge, (Hard Copy)**
Central Pollution Control Board,
Western Zonal Office, Parivesh Bhawan,
Opp. VMC Ward Office No.10,
Subhanpara, Vadodara,
Gujarat-390023.
2. **The Member Secretary, (Hard Copy)**
Maharashtra Pollution Control Board,
Kalpataru Point, 4th Floor,
Matunga Road-08, Sion-(E),
Sion Circle,
Mumbai-400022.
3. **The Regional Officer, (Hard Copy)**
Maharashtra Pollution Control Board,
1st Floor, Udyog Bhavan,
Near Bus Stand, Chandrapur 442401.
4. **The Sub Regional Officer, (Hard Copy)**
Maharashtra Pollution Control Board,
1st Floor, Udyog Bhavan,
Near Bus Stand, Chandrapur-442401.

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**Environmental Compliance Report
for
the Period From
1st October 2018 to 31st March 2019**

Of

**M/s. DHARIWAL INFRASTRUCTURE LTD.
Plot No. C-6, C-7 & C-8,
Tadali Industrial Area,
MIDC, Village – Tadali,
Dist. - Chandrapur**

***Submitted to*
Ministry of Environment, Forest and Climate Change
Regional Office (WCZ), Ground Floor, East Wing
New Secretariat Building
Civil Line, Nagpur – 440001 (MH)**

1.0 PREAMBLE

Dhariwal Infrastructure Ltd has been granted MoEF Environmental Clearance for 2 x 300 MW Thermal Power Plant vide no. J-13011/10/2009-IA. II (T) dated 04-12-2009

Both Unit -1 & 2 (2 x 300 MW) of Thermal Power Plant are installed and commissioned in February 2014 and August 2014 respectively. The MPCB Consent to Operate is granted to both units for the period valid up to 31-12-2020.

All the environmental Protection & Conservation works including air pollution control systems, effluent treatment plant, sewage treatment plant, rain water harvesting pond, greenbelt development activities etc are completed. The present compliance status is given below.

2.0 COMPLIANCE STATUS

The conditions stipulated in MoEF Environmental Clearance are followed scrupulously. Compliance is reported here under for the period from 1st October 2018 to 31st March 2019 in serial order of Environmental Clearance Letter as delineated below.

Sr. No.	Conditions	Compliance
(i)	No further expansion shall be permitted for this power plant in view of the uncertainty of water in lean season.	Further expansion will not be carried out in view of the uncertainty of water in lean season.
(ii)	The two radial wells shall be constructed maintaining a distance of at least 450 m between them and at least 500 m from the nearest habitations/village boundary.	Yes, radial well is constructed away from the nearest habitation (more than 500 m)
(iii)	Water from the radial well(s) shall be utilized only for extreme necessity during lean season and shall be kept only as standby arrangement during lean season.	Water from the radial well(s) is utilized only for extreme necessity during lean season and kept only as standby arrangement during lean season.
(iv)	Hydro-geological study of the area shall be reviewed annually and results submitted to the Ministry and concerned agency in the State Govt. In case adverse impact on ground water quantity and quality is observed, immediate mitigating steps to contain any adverse impact on ground water shall be undertaken.	<p>Hydro-geological status of the area is reviewed regularly. Ground water level measurement reports (October 2018 to March 2019) are enclosed herewith as Enclosure-1. Ground water quality in the study area is regularly analyzed and reports (October 2018 to March 2019) are enclosed herewith as Enclosure -2.</p> <p>This area is Talcher Clayee area, This clayee area is rich in many salts. Due to salty nature of this clayee area when water passes through these layers the salts dissolves in it. Due to this type of deposits and nature, the ground water becomes salty.</p> <p>This is a natural process in this area and we don't have any control over it.</p> <p>We would like to inform you that we are</p>

		<p>not using any ground water for any industrial activity. We are taking only surface water and the source is Wardha river. Apart from that we are not discharging any waste water, as we are Zero liquid discharge plant. We treat 100% waste water in ETP and STP and reutilizing the same for Bottom Ash conveying, servicing and cleaning and horticulture purpose. In this way we don't impact the ground water & level in anyway.</p> <p>The location of villages is also approximately 5-10 KM away from the plant.</p> <p>In this way we are not affecting the ground water in any way and we don't have any control over it.</p>
(v)	Two Bi-Flue stacks of 275 m height shall be provided with continuous online monitoring equipments for SO _x , NO _x and PM. Exit velocity of flue gases shall not be less than 25 m/sec. Mercury emissions from stack shall also be monitored on periodic basis.	<p>Yes, one Bi-Flue stacks of 275 m height are provided with continuous online monitoring equipments for SO_x, NO_x and PM.</p> <p>We have 2X300 MW TPP having two boiler, which needs two flue with in a single stack instead of two stacks.</p> <p>Mercury in outgoing emissions from stack is also being monitored on periodic basis.</p>
(vi)	High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm ³ .	<p>Yes, High Efficiency Electrostatic Precipitator (ESP) for unit 1& 2 are commissioned and in operation. Both ESP's are designed to ensure that particulate emission does not exceed 50 mg/Nm³. The analysis reports of stack emission monitoring for both units are enclosed as Enclosure-3</p>
(vii)	Adequate dust extraction system such as cyclones/ bag filters and water spray system in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.	<p>Yes, cyclones/ bag filters and water spray system in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas are provided and all stipulated norms are complied.</p>
(viii)	Utilization of 100% Fly Ash generated shall be made from 4 th year of operation of the plant. Status of implementation shall be reported to the Regional Office of the Ministry from time to time.	<p>Yes, 100% Fly Ash generated is being taken by nearby cement plants and Brick Manufacturers for cement and Bricks manufacturing. Annual Ash Generation & Utilization report for the period from 1st April 2018 to 31st March 2019 submitted at your office is attached herewith as Enclosure-9.</p>

(ix)	Fly ash shall be collected in dry form and storage facility (silos) shall be provided 100% fly ash utilization shall be ensured from 4 th year onwards, Unutilized fly ash shall be disposed off in the ash pond in the form of slurry form. Mercury and other heavy metals (As, Hg, Cr, Pb etc.) will be monitored in the bottom ash as also in the effluents emanating from the existing ash pond No ash shall be disposed off in low lying area.	Yes, fly ash silo & handling plant for direct loading to bulkers is in operation. The condition is fully complied We are monitoring heavy metals in the Bottom ash. It may be noted that we are using coal from SECL and WCL mines similar to other plants in this region. Please refer Enclosure-4 .
(x)	Ash pond shall be lined with HDP/LDP lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached.	Yes, Ash pond is lined with HDP/LDP lining such that no leachate takes place at any point of time. Adequate safety measures are also implemented to protect the ash dyke from getting breached. Photographs are attached as Enclosure-10
(xi)	For disposal of Bottom Ash in abandoned mines (if proposed to be undertaken) it shall be ensured that the bottom and sides of the mined out areas are adequately lined with clay before Bottom Ash is filled up. The project proponent shall inform the State Pollution Control Board well In advance before undertaking the activity.	All appropriate precaution will be taken whenever Bottom Ash is planned to disposed off in abandoned mines. At present we have agreement with 10 Brick manufacturers and giving to them.
(xii)	As per revised EC dated 09/09/2010 closed cycle cooling tower with Induced draft cooling towers shall be provided. The Effluents shall be treated as per the prescribed norms.	Closed cycle cooling system with Induced draft cooling towers is provided. The effluents are treated as per the prescribed norms and for bottom ash handling & also for horticulture purpose. Refer Enclosure-4
(xiii)	The treated effluents conforming to the prescribed standards only shall be discharged. Arrangements shall be made that effluents and storm water do not get mixed.	The treated effluents conforming to the prescribed standards are used for green belt development. Arrangements are made such that effluents and storm water do not get mixed. Please refer Enclosure-4
(xiv)	A sewage treatment plant shall be provided and the treated sewage shall be used for raising greenbelt/plantation.	Sewage treatment plant is provided and the treated sewage is used for raising greenbelt/plantation.
(xv)	Rainwater harvesting should be adopted Central Groundwater Authority/ Board shall be consulted for finalization of appropriate rainwater harvesting technology within a period of three months from the date of clearance and details shall be furnished.	Rain water harvesting pond is developed and through natural drains, rain water is regularly collected. We have permission from Central Ground Water Board for implementation of rain water harvesting. Permission Letter from Central Ground Water Board for implementation of Rain water harvesting system is attached as

		Enclosure-11
(xvi)	Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in coal yard, especially during summer season. Copy of these measures with full details along with location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry.	Provision of adequate safety measures in the plant area to check/minimize spontaneous fires in coal yard, especially during summer season is made. Water sprinkler have been provided around coal stock yard and are kept in regular operation.
(xvii)	Storage facilities for auxiliary liquid fuel such as LDO and/ HFO/LSHS shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.	Facilities for storage of auxiliary liquid fuel such as LDO and HSD are provided in the plant areas are under approval of DOE. We have permission from Department of Explosives. Copy of necessary permission obtained from Department of Explosives is attached as Enclosure-12 . Disaster Management Plan is prepared to meet any eventuality in case of an accident may be taken place due to storage of oil.
(xviii)	Regular monitoring of ground water level shall be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring around the ash pond area shall be carried out particularly for heavy metals (Hg, Cr, As, Pb) and records maintained and submitted to the Regional Office of this Ministry. The data so obtained should be compared with the baseline data so as to ensure that the ground water quality is not adversely affected due to the project.	Regular monitoring of ground water level is done in and surrounding areas. We regularly monitor Ground water level and Quality inside industry premises and nearby ash pond area periodically. Reports are attached herewith as Enclosure1&2 for your ready reference. The ground water quality in the study area is also regularly analyzed for heavy metals and reports are submitted. This area is Talcher Clayee area, This clayee area is rich in many salts. Due to salty nature of this clayee area when water passes through these layers the salts dissolves in it. Due to this type of deposits and nature, the ground water becomes salty. This is a natural process in this area and we don't have any control over it. We would like to inform you that we are not using any ground water for any industrial activity. We are taking only surface water and the source is Wardha river. Apart from that we are not discharging any waste water, as we are Zero liquid discharge plant. We treat 100% waste water in ETP and STP and

		<p>reutilizing the same for Bottom Ash conveying, servicing and cleaning and horticulture purpose. In this way we don't impact the ground water & level in anyway.</p> <p>The location of villages is also approximately 5-10 KM away from the plant.</p> <p>In this way we are not affecting the ground water in any way and we don't have any control over it.</p>
(xix)	<p>Green Belt consisting of 3 tiers of plantations of native species around plant and at least 100 m width shall be raised. Wherever 100 m width is not feasible a 50 m width shall be raised and adequate justification shall be submitted to the Ministry. Tree density shall not less than 2500 per ha with survival rate not less than 70 %.</p>	<p>As on date about 1,22,500 trees are existing.</p> <p>The major existing trees (57,500) are Akeshiya, Imli, Karanj, Mahaneem, Neem, Nilgiri, Peltoforam, Sisam and Casia,casurina,Eucalyptus etc.</p> <p>The other existing trees (65,000) are Aapta, Amla, Anjeer, Areka Palm, Aerial Palm, Arjun ,Ashoka, Bargad, Badam, Banana, Boganvel, Chikku, Coconut, Flower tree, Fucus benjamina, Goldan Bambu, Green Bambu, Gulmohar, Jambhul Jaswant, Kadam, Kanher ,Kawat, Mahagani, Mango, Mogra Mosambi, Nimbu , Pipal, Rain Tree, Red Rose, Royal Palm, Ornamental Plants, Saru ,Simal, Spindal Palm, Silver oke , Swastik, Vel (Kourav & Pandava), Vidya, X-mas tree, Yellow Bell, Bakul, Papaya, Sitaphal, Bel, Shahtut ,Anar, Sevga, Amrud,Ber, Kher etc.</p>
(xx)	<p>First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.</p>	<p>Construction phase is over. First Aid and sanitation arrangements for the drivers and other contract workers are available. Regular first aid training is given to drivers & contract workers.</p>
(xxi)	<p>Noise level emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75 dB(A). For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc. shall be periodically examined to maintain audiometric record and any hearing loss including shifting to non noisy/less noisy areas.</p>	<p>We are regularly monitoring work place noise level at 25 locations including turbine, air compressors on quarterly basis. Norms for Workzone Noise level is 85 dB(A) and for AAQ it is 75 dB(A). The results are well with in the limit.</p> <p>Noise level emanating from turbines is controlled such that the noise in the work zone is well within limit. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. are</p>

		provided. Workers engaged in noisy areas such as turbine area, air compressors etc. are periodically examined & maintaining audiometric record and any hearing loss including shifting to non noisy/less noisy areas. The work zone noise quality results are enclosed herewith as Enclosure-5A&5B.
(xxii)	Regular monitoring of ground level concentration of SO ₂ , NO _x , RSPM (PM ₁₀ /PM _{2.5}) and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of the Ministry. The data shall also be put on the website of the company.	Yes, regular ambient air quality monitoring at six locations is carried out and reports (October 2018 to March 2019) are enclosed herewith as Enclosure -6.
(xxiii)	A good action plan for R&R (if applicable) with package for the project affected persons be submitted and implemented as per prevalent R&R policy within three months form the date of issue of this letter.	Not Applicable.
(xxiv)	An amount of Rs. 12.0 Crores shall be earmarked as one time capital cost for CSR programme. Subsequently a recurring expenditure of Rs. 3.0 Crore per annum shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within month along with road map for implementation.	Road map is worked out for implementation of CSR activities. A partnership along with Zila Parishad, Chandrapur & UNICEF for improving water & sanitation facilities in ten Grampanchayat, Schools and Anganwadis is done and further work is under progress. The implementation of following CSR activities undertaken in the aforesaid period. 1.Training on Health & Sanitation in nearby nine no. of villages. Supply of Sanitary amenities to the locals. 2.Swachh Bharat Abhiyan in Nine villages. Construction of toilets and hand wash facilities. 3.Water drinking facility in Pandharkwada and Wadha villages 4.Training to Adolescent girls 5.Training to villagers of nine villages

		<p>for Digital villages.</p> <p>6.Agriculture Projects in nearby villages.</p> <p>7.Educational Programs in nearby villages.</p> <p>8.Training to six nos. of SHG(Self Help Groups) for self employment.</p> <p>Being a stressed utility with only one unit (Unit 2) in operation since Dec 2015, our resources are limited. However as both units go on full stream, we will carry out CSR activities with necessary resource as dictated by prevailing act and regulations. Details of CSR activities are attached as Enclosure-7.</p>
(xxv)	<p>As par of CSR programme the company shall conduct need based assessment for the nearby villages to study economic measures with action plan which can help in upliftment of poor section of society. Income generating projects consistent with the traditional skills of the people besides development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme.</p> <p>Company shall provide separate budget for community development activities and income generating programs. This will be in addition to vocational training for individuals imparted to take up self employment and jobs.</p>	<p>A need based survey is carried out by Social Action for Rural Development (SARDA) in nearby areas to assess the social and economic status of the people based on which a comprehensive document is prepared to deal with need based CSR activities. The implementation of following CSR activities undertaken in the aforesaid period.</p> <p>1.Training on Health & Sanitation in nearby nine no. of villages. Supply of Sanitary amenities to the locals.</p> <p>2.Swachh Bharat Abhiyan in Nine villages. Construction of toilets and hand wash facilities.</p> <p>4.Water drinking facility in Pandharkwada and Wadha villages</p> <p>4.Training to Adolescent girls</p> <p>5.Training to villagers of nine villages for Digital villages.</p> <p>6.Agriculture Projects in nearby villages.</p> <p>7.Educational Programs in nearby villages.</p> <p>8.Training to six nos. of SHG(Self Help Groups) for self employment.</p> <p>Being a stressed utility with only one unit (Unit 2) in operation since Dec 2015, our resources are limited. However as both units go on full stream,</p>

		we will carry out CSR activities with necessary resource as dictated by prevailing act and regulations. Details of CSR activities are attached as Enclosure-7.
(xxvi)	Provision shall be made for the housing of construction labors within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc The housing may be in this form of temporary structures to be removed after the completion of the project.	Yes, Construction phase is already completed and demolition of temporary structures of construction phase is under progress.
(xxvii)	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/ Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in .	Yes, it is already complied. Copy of the same is attached as Enclosure-13. Advertisement made in local news paper which exceeded the seven days clause, we will keep this in mind and will take care in future whenever it will require.
(xxviii)	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, urban local body and the local NGO, if any, from whom suggestions/representations, if any, received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Yes, it is complied. Copy of the clearance letter sent to Gram Panchayat is attached herewith as Enclosure-14.
(xxix)	A separate Environment Management Cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Yes, separate Environment Management Cell with qualified staff is set up for implementation & maintaining the stipulated environmental safeguards.
(xxx)	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB The criteria pollutant levels namely; SPM,	Yes, it is complied. Status of compliance has been uploaded on company's website, i.e. www.dilenergy.co.in Reports are already sent to Regional office of MoEF, the respective Zonal office of CPCB and the SPCB. The criteria pollutant levels namely: SPM, RSPM (PM10/PM 2.5) So2, and NOx

	RSPM (PM ₁₀ /PM _{2.5}) SO ₂ NO _x (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.	(ambient levels are displayed at the main gate of the company in the public domain). Photographs of Bill board outside main gate is attached as Enclosure-17 for your ready reference. Screenshot of the website is attached herewith as Enclosure-15 for your ready reference.
(xxxii)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Yes, six monthly reports are regularly submitted since beginning about the status of compliance of the stipulated EC conditions including results of monitored to the respective Regional office of MoEF, the respective Zonal office of CPCB and the SPCB.
(xxxii)	The environment statement for each financial /year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules. 1986, as amended subsequently, shall also be put on the website off the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.	Yes, Environment Statement for financial /year ending 31 st March 2018 is complied and submitted to MPCB. Acknowledged letter copy is enclosed herewith as Enclosure -16 . Copy of the same has been uploaded on company's website, i.e. www.dilenergy.co.in . Screenshot of the website is attached herewith as Enclosure-15 for your ready reference.
(xxxiii)	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.	Yes, six monthly reports are regularly submitted since beginning about the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests Regional office, Central Pollution Control Board and State Pollution Control Board. Copy of the same has been uploaded on company's website, i.e. www.dilenergy.co.in . Screenshot of the website is attached herewith as Enclosure-15 for your ready reference.
	Regional Office of the Ministry of Environment & Forests will monitor the implementation of the stipulated conditions A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from	Yes, will be complied time to time. Compliance status has been uploaded on company's website, i.e. www.dilenergy.co.in . Screenshot of the website is attached herewith as Enclosure-15 for your ready reference.

	time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent will upload the compliance status in their website and up-date the same from time to time at least six monthly basis. Criteria pollutants levels including NOx (from stack & ambient air) shall be displayed at the main gate of the power plant.	
(xxxiv)	Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.	Yes, separate funds are allocated for implementation of environmental protection measures. Total Expenses from 1 st October.18 to 31 st March 2019 were 543.9 lakhs for Environment control measures.
(xxxv)	The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.	Plant is in running condition.COD for unit #1 was on dated 11 Feb. 2014 & for unit #2 was 02th Aug. 2014. Information has been given to the authorities.
(xxxvi)	Full cooperation shall be extended to the Scientists/Officers from the Ministry/Regional Office of the Ministry at Bhopal/CPCB/SPCB who would be monitoring the compliance of environmental status.	Agreed.

Yours faithfully,
For **DHARIWAL INFRASTRUCTURE LTD.**


(Goutam Ghosal)
 Station Head

Encl. : As above

ENCLOSURE - 1

GROUND WATER LEVEL STATUS

January - 2019

Sr. No. of Villages	Village Name	Details of Locations	Field Code No.	Date of Measurement	Internal Diameter in mtr. (m)	Total Depth from measuring point in mtr. (depth in mbmp)	Static Water Level from Measuring Point in mtr. (level in mbmp)	Measuring Point i.e. MP distance above ground level in mtr. (magl)	Water Level below ground level (level in mbmp - magl = mbgl)
1.	Village- Pandharkwada	Dugwell of Shri Pandari Zitiraji Wadai Farm	DIL 1	19-01-2019	2.55	9.5	7.50	0.8	6.7
2.	Village- Sonegaon	Grampanchayat Dugwell, Near Hanuman Mandir	DIL 2	19-01-2019	4.10	9.8	6.90	0.8	6.1
3.	Village- Sonegaon	Borewell of Shri Kundlik Vishwanath Urkude,	DIL 3	19-01-2019	0.16	80.0	5.20	0.1	5.1
4.	Village- Yerur	Dugwell of Shri Ravindra Pandurangji Balki	DIL 4	19-01-2019	6.0	9.5	3.20	0.1	3.1
5.	Village- Wandhari	Dugwell of Shri Anandrao Vithoba Kavarashe Farm	DIL 5	19-01-2019	5.0	10.3	6.10	0.2	5.9
6.	Village- Yerur	Grampanchayat Dugwell near Primary School	DIL 6	19-01-2019	4.95	11.0	4.50	0.7	3.8
7.	Village- Ghodpeth	Dugwell of Shiv Mandir	DIL 7	19-01-2019	4.50	9.0	6.20	0.6	5.6

8.	Village- Tadali	Grampanchayat Dugwell Near Z. P. Primary School	DIL 8	19-01-2019	3.65	12.35	6.80	0.8	6.0
9.	Village- Morwa	Dugwell near Jagnath Baba Mandir	DIL 9	19-01-2019	2.40	14.80	8.90	0.8	8.1
10.	Village- Mursa	Grampanchayat. Dugwell near Z.P. Primary School	DIL 10	19-01-2019	7.0	10.8	8.90	4.4	4.5
11.	Village- Wadha	Intake Well	DIL 11	19-01-2019	11.0	21.8	16.5	0.50	16.0
12.	MIDC, Tadali	Near Recovery Pump House-II, PZ-1	DIL 12	19-01-2019	0.12	30.5	2.50	0.30	2.2
13.	MIDC, Tadali	Near Recovery Pump House-II, PZ-2	DIL 13	19-01-2019	0.12	30.5	1.50	0.30	1.2
14.	MIDC, Tadali	Ash Pond II, PZ-3	DIL 14	19-01-2019	0.12	30.5	4.50	0.70	3.8
15.	MIDC, Tadali	Near Railway Crossing of WB-2, PZ-4	DIL 15	19-01-2019	0.12	30.5	4.50	0.80	3.7
16.	MIDC, Tadali	Near ETP Security Post, PZ-5	DIL 16	19-01-2019	0.12	30.5	4.80	0.90	3.9
17.	MIDC, Tadali	Near AAQMS Cabin-3, PZ-6	DIL 17	19-01-2019	0.12	30.5	5.20	0.90	4.3
Note: All the above Ground Water Level Analysis were done by MOEF Approved 3 rd party M/s Earth care Pvt. Ltd.									

November – 2018

Sr. No. of Villages	Village Name	Details of Locations	Field Code No.	Date of Measurement	Internal Diameter in mtr. (m)	Total Depth from measuring point in mtr.(depth in mbmp)	Static Water Level from Measuring Point in mtr.(level in mbmp)	Measuring Point i.e. MP distance above ground level in mtr. (magl)	Water Level below ground level (level in mtr bmp - magl = mbgl)
1.	Village- Pandharkwada	Dugwell of Shri Pandari Zitraji Wadai Farm	DIL 1	30-11-2018	2.55	9.5	6.60	0.8	5.8
2.	Village- Sonegaon	Grampanchayat Dugwell, Near Hanuman Mandir	DIL 2	30-11-2018	4.10	9.8	4.75	0.8	3.9
3.	Village- Sonegaon	Borewell of Shri Kundlik Vishwanath Urkude,	DIL 3	30-11-2018	0.16	80.0	4.45	0.1	4.3
4.	Village- Yerur	Dugwell of Shri Ravindra Pandurangji Balki	DIL 4	30-11-2018	6.0	9.5	4.55	0.1	4.4
5.	Village- Wandhari	Dugwell of Shri Anandrao Vithoba Kavarashe Farm	DIL 5	30-11-2018	5.0	10.3	4.10	0.2	3.9
6.	Village- Yerur	Grampanchayat Dugwell near Primary School	DIL 6	30-11-2018	4.95	11.0	5.50	0.7	4.8
7.	Village- Ghodpeth	Dugwell of Shiv Mandir	DIL 7	30-11-2018	4.50	9.0	3.0	0.6	2.4
8.	Village- Tadali	Grampanchayat Dugwell Near Z. P. Primary School	DIL 8	30-11-2018	3.65	12.35	3.0	0.8	2.2
9.	Village- Morwa	Dugwell near Jagnath Baba Mandir	DIL 9	30-11-2018	2.40	14.80	2.50	0.8	1.7

Sr. No. of Villages	Village Name	Details of Locations	Field Code No.	Date of Measurement	Internal Diameter in mtr. (m)	Total Depth from measuring point in mtr.(depth in mbmp)	Static Water Level from Measuring Point in mtr.(level in mbmp)	Measuring Point i.e. MP distance above ground level in mtr. (magl)	Water Level below ground level (level in mbmp - magl = mbgl)
10.	Village- Mursa	Grampanchayat, Dugwell near Z.P. Primary School	DIL 10	30-11-2018	7.0	10.8	4.60	4.4	0.2
11.	Village- Wadha	Intake Well	DIL 11	30-11-2018	11.0	21.8	13.5	2.20	11.3
Note: All the above Ground Water Level Analysis were done by MOEF Approved 3 rd party M/s Earth care Pvt. Ltd.									

ENCLOSURE -2

WATER QUALITY STATUS

Sr. No.	Parameters	Acceptable / Permissible Limit (IS 10500: 2012)	Concentration			
			Location			
			Dugwell Water (Mr. Pandari Zitiraji Wadai Farm, Village- Pandharkawda)	Borewell Water (Gram Panchayat Borewell near Hanuman Mandir, Village- Sonagaon)	Borewell Water (Mr. Kundlik Vishwanath Urkude Farm, Village- Sonagaon)	Dugwell Water (Mr. Ravindra Pandurang Bulki Farm, Village- Yerur)
1.	Colour, Hazen units	5/15	19-01-2019 1.0	19-01-2019 1.0	19-01-2019 1.0	19-01-2019 1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.44	7.38	7.45	7.30
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	<0.1	0.47	0.59	0.34
6.	Total dissolved solids, mg/l	500/2000	2811	862.0	721.0	532.0
7.	Boron (as B) mg/l	0.5/1.0	0.16	<0.06	<0.06	<0.06
8.	Calcium (as Ca) mg/l	75/200	320	44.0	48.0	43.2
9.	Chloride (as Cl), mg/l	250/1000	404.9	31.9	31.49	25.5
10.	Copper (as Cu), mg/l	0.05/1.5	0.02	<0.01	<0.01	<0.01
11.	Fluoride (as F), mg/l	1.0/1.5	0.55	0.56	0.55	0.59
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1	<0.1

13	Iron (as Fe), mg/l	0.3	0.20		0.025	0.03	<0.02
14	Magnesium (as Mg), mg/l	30/100	65.7		12.2	9.74	15.6
15	Manganese (as Mn), mg/l	0.1/0.3	0.03		<0.02	<0.02	<0.02
16	Nitrate (as NO ₃), mg/l	45	16.7		3.18	2.59	3.02
17	Sulphate (as SO ₄), mg/l	200/400	210.0		32.1	89.6	29.5
18	Total Alkalinity (as CaCO ₃) mg/l	200/600	265.0		285.0	280.0	300.0
19	Total Hardness (as CaCO ₃) mg/l	300/600	1070.0		160.0	160.0	172.0
20	Zinc (as Zn) mg/l	5/15	0.062		<0.04	<0.04	<0.04
21	Lead (as Pb) mg/l	0.01	<0.01		<0.01	<0.01	<0.01
22	Mercury (as Hg) mg/l	0.05	<0.001		<0.001	<0.001	<0.001
23	Total Arsenic (as As) mg/l	0.01	<0.01		<0.01	<0.01	<0.01
24	Total Chromium (as Cr) mg/l	0.05	<0.01		<0.01	<0.01	<0.01

Note: 1) All the above Ground Water Quality Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.

2) Information given to local panchayat through DIL CSR team for the necessary treatment & assistance.

Sr. No	Parameters	Acceptable / Permissible Limit (IS 10500: 2012)	Concentration			
			Location			
			Dugwell Water of HanumanMandir , Village- Wandhri	Dugwell Water (Near Jagnath Baba Mandir, Morwa)	Dugwell Water (Shiv Mandir , Village – Ghodpeth)	Dugwell Water (GrampanchyatDugwell Near ZP Primary School, Village – Tadali)
1.	Colour, Hazen units	5/15	19-01-2019 1.0	19-01-2019 1.0	19-01-2019 1.0	19-01-2019 1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.53	7.29	8.25	7.98
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	0.30	0.33	<0.1	0.45
6.	Total dissolved solids, mg/l	500/2000	1724.0	523.0	1784.0	1304.0
7.	Boron (as B) mg/l	0.5/1.0	<0.06	<0.06	<0.06	<0.06
8.	Calcium (as Ca) ,mg/l	75/200	126.4	52.0	172.0	240.0
9.	Chloride (as Cl), mg/l	250/1000	309.9	23.9	314.9	187.4
10.	Copper (as Cu), mg/l	0.05/1.5	0.02	0.014	<0.01	<0.01
11.	Fluoride (as F), mg/l	1.0/1.5	1.14	0.62	1.20	0.62
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1	<0.1

13	Iron (as Fe), mg/l	0.3	0.68	0.06	0.04	0.39
14	Magnesium (as Mg), mg/l	30/100	59.4	27.7	75.4	36.5
15	Manganese (as Mn), mg/l	0.1/0.3	0.06	0.024	<0.02	<0.02
16	Nitrate (as NO ₃), mg/l	45	11.6	8.70	16.3	12.7
17	Sulphate (as SO ₄), mg/l	200/400	214.3	93.0	231.6	120.8
18	Total Alkalinity (as CaCO ₃), mg/l	200/600	268.3	220.0	275.0	260.0
19	Total Hardness (as CaCO ₃), mg/l	300/600	560.0	244.0	740.0	750.0
20	Zinc (as Zn), mg/l	5/15	<0.04	0.05	<0.04	<0.04
21	Lead (as Pb), mg/l	0.01	<0.01	<0.01	<0.01	<0.01
22	Mercury (as Hg), mg/l	0.05	<0.001	<0.001	<0.001	<0.001
23	Total Arsenic (as As), mg/l	0.01	<0.01	<0.01	<0.01	<0.01
24	Total Chromium (as Cr), mg/l	0.05	<0.01	<0.01	<0.01	<0.01

Note: 1) All the above Ground Water Quality Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.

2) Information given to local panchayat through DIL CSR team for the necessary treatment & assistance.

Sr. No.	Parameters	Acceptable / Permissible Limit (IS 10500: 2012)	Concentration			
			Location			
			Ground Water from Intake Well near Wadha Village	Near AAQMS Cabin-3, PZ-6	Near Recovery Pump House-II,(Ash Bund) PZ-1	Near Recovery Pump House-II,(Ash Bund) PZ-2
1.	Colour, Hazen units	5/15	19-01-2019 1.0	19-01-2019 1.0	19-01-2019 1.0	19-01-2019 1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	8.30	7.06	7.26	7.15
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	2.36	1.28	0.54	0.75
6.	Total dissolved solids, mg/l	500/2000	389.0	471.0	485.0	489.0
7.	Boron (as B) mg/l	0.5/1.0	<0.06	0.08	<0.06	<0.06
8.	Calcium (as Ca), mg/l	75/200	28.8	30.2	22.3	49.6
9.	Chloride (as Cl), mg/l	250/1000	27.5	67.3	42.8	36.1
10.	Copper (as Cu), mg/l	0.05/1.5	<0.01	<0.01	<0.01	<0.01
11.	Fluoride (as F), mg/l	1.0/1.5	0.48	0.32	<0.2	0.31
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1	<0.1

13	Iron (as Fe), mg/l	0.3	<0.02	0.05	<0.02	<0.02
14	Magnesium (as Mg), mg/l	30/100	18.5	11.7	14.4	6.46
15	Manganese (as Mn), mg/l	0.1/0.3	<0.02	<0.02	<0.02	<0.01
16	Nitrate (as NO ₃), mg/l	45	2.56	1.34	1.86	1.32
17	Sulphate (as SO ₄), mg/l	200/400	57.1	156.2	56.2	42.6
18	Total Alkalinity (as CaCO ₃)mg/l	200/600	140.0	75.1	186.0	185.0
19	Total Hardness (as CaCO ₃) mg/l	300/600	148.0	248.4	114.7	150.5
20	Zinc (as Zn) mg/l	5/15	0.09	<0.04	<0.04	<0.04
21	Lead (as Pb) mg/l	0.01	<0.01	<0.01	<0.01	<0.01
22	Mercury (as Hg) mg/l	0.05	<0.001	<0.001	<0.001	<0.001
23	Total Arsenic (as As) mg/l	0.01	<0.01	<0.01	<0.01	<0.01
24	Total Chromium (as Cr) mg/l	0.05	<0.01	<0.01	<0.01	<0.01

Note: 1) All the above Ground Water Quality Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.

2) Information given to local panchayat through DIL CSR team for the necessary treatment & assistance.

Sr. No.	Parameters	Acceptable / Permissible Limit (IS 10500: 2012)	Concentration		
			Location		
			Ash Pond II, PZ-3	Near Railway Crossing of WB-2, PZ-4	Near ETP Security Post, PZ-5
			19-01-2019	19-01-2019	19-01-2019
1.	Colour, Hazen units	5/15	1.0	1.0	1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.28	7.26	7.28
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	0.9	1.58	1.40
6.	Total dissolved solids, mg/l	500/2000	487.0	491.0	478.0
7.	Boron (as B) mg/l	0.5/1.0	<0.06	0.07	<0.06
8.	Calcium (as Ca), mg/l	75/200	34.2	34.2	78.0
9.	Chloride (as Cl), mg/l	250/1000	38.7	41.6	69.1
10.	Copper (as Cu), mg/l	0.05/1.5	<0.01	<0.01	<0.01
11.	Fluoride (as F), mg/l	1.0/1.5	0.26	0.25	0.23
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1
13.	Iron (as Fe), mg/l	0.3	0.03	<0.02	0.03
14.	Magnesium (as Mg), mg/l	30/100	12.4	16.2	6.8
15.	Manganese (as Mn), mg/l	0.1/0.3	<0.01	<0.01	<0.02

16	Nitrate (as NO ₃), mg/l	45	2.11	1.04	1.87
17	Sulphate (as SO ₄), mg/l	200/400	30.4	16.2	162.1
18	Total Alkalinity (as CaCO ₃)mg/l	200/600	193.0	187.0	75.1
19	Total Hardness (as CaCO ₃) mg/l	300/600	136.3	151.8	222.8
20	Zinc (as Zn) mg/l	5/15	<0.04	<0.04	<0.04
21	Lead (as Pb) mg/l	0.01	<0.01	<0.01	<0.01
22	Mercury (as Hg) mg/l	0.05	<0.001	<0.001	<0.001
23	Total Arsenic (as As) mg/l	0.01	<0.01	<0.01	<0.01
24	Total Chromium (as Cr) mg/l	0.05	<0.01	<0.01	<0.01
<p>Note: 1) All the above Ground Water Quality Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.</p> <p>2) Information given to local panchayat through DIL CSR team for the necessary treatment & assistance.</p>					

Sr. No.	Parameters	Acceptable / Permissible Limit (IS 10500: 2012)	Concentration			
			Location			
			Dugwell Water (Mr.Pandari Zitraji Wadai Farm, Village- Pandharkawda)	Borewell Water (Gram Panchayat Borewell near Hanuman Mandir, Village- Sonegaon)	Borewell Water (Mr. Kundlik Vishwanath Urkude Farm, Village- Sonegaon)	Dugwell Water (Mr.Ravindra Pandurang Bulki Farm, Village- Yerur)
			30-11-2018	30-11-2018	30-11-2018	30-11-2018
1.	Colour, Hazen units	5/15	1.0	1.0	1.0	1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.43	8.40	7.17	7.77
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	0.52	1.02	0.63	0.63
6.	Total dissolved solids, mg/l	500/2000	2696.0	417.0	978.0	421.0
7.	Boron (as B) mg/l	0.5/1.0	0.14	<0.06	<0.06	<0.06
8.	Calcium (as Ca), mg/l	75/200	328.0	94.4	132.0	84.8
9.	Chloride (as Cl), mg/l	250/1000	47.9	49.9	139.9	23.99
10.	Copper (as Cu), mg/l	0.05/1.5	0.02	<0.01	<0.01	<0.01
11.	Fluoride (as F), mg/l	1.0/1.5	1.13	0.218	0.786	0.218
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1	<0.1

13	Iron (as Fe), mg/l	0.3	0.21	<0.02	0.035	0.043
14	Magnesium (as Mg), mg/l	30/100	97.4	13.6	38.9	0.97
15	Manganese (as Mn), mg/l	0.1/0.3	<0.02	0.02	<0.02	<0.003
16	Nitrate (as NO ₃), mg/l	45	29.4	5.90	9.10	0.47
17	Sulphate (as SO ₄), mg/l	200/400	182.1	33.5	120.9	49.9
18	Total Alkalinity (as CaCO ₃)mg/l	200/600	375.0	135.0	295.0	308.1
19	Total Hardness(as CaCO ₃) mg/l	300/600	1220.0	232.0	490.0	130.0
20	Zinc (as Zn) mg/l	5/15	<0.04	<0.04	<0.04	0.063
21	Lead (as Pb) mg/l	0.01	<0.01	<0.01	<0.01	<0.01
22	Mercury (as Hg) mg/l	0.05	<0.001	<0.001	<0.001	<0.001
23	Total Arsenic (as As) mg/l	0.01	<0.01	<0.01	<0.01	<0.01
24	Total Chromium (as Cr) mg/l	0.05	<0.01	<0.01	<0.01	<0.005

Note: 1) All the above Ground Water Quality Analysis were done by MOEF Approved 3rd Party M/s Earth care Pvt. Ltd

2) Information given to local panchayat through DIL CSR team for the necessary treatment & assistance.

Sr. No.	Parameters	Acceptable / Permissible Limit (IS 10500: 2012)	Concentration			
			Location			
			Dugwell Water of HanumanMandir , Village- Wandhri	Dugwell Water (Near Jagnath Babu Mandir, MCrwa)	Dugwell Water (Shiv Mandir , Village – Ghodpeth)	Dugwell Water (GrampanchyatDugwell Near ZP Primary School, Village – Tadali)
			30-11-2018	30-11-2018	30-11-2018	30-11-2018
1.	Colour, Hazen units	5/15	1.0	1.0	1.0	1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	8.04	7.44	7.87	7.91
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	0.27	0.61	<0.1	0.43
6.	Total dissolved solids, mg/l	500/2000	1754.0	1342.0	1763.0	1296.0
7.	Boron (as B) mg/l	0.5/1.0	<0.06	<0.05	<0.06	<0.06
8.	Calcium (as Ca), mg/l	75/200	112.0	208.9	160.0	228.0
9.	Chloride (as Cl), mg/l	250/1000	299.9	164.9	304.9	174.9
10.	Copper (as Cu), mg/l	0.05/1.5	0.018	0.012	<0.01	<0.01
11.	Fluoride (as F), mg/l	1.0/1.5	1.06	0.703	1.06	0.748
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1	<0.1

13	Iron (as Fe), mg/l	0.3	0.125	0.09	0.032	0.44
14	Magnesium (as Mg), mg/l	30/100	70.1	53.4	77.9	38.9
15	Manganese (as Mn), mg/l	0.1/0.3	<0.003	0.026	<0.02	0.026
16	Nitrate (as NO ₃), mg/l	45	3.86	13.8	15.8	15.7
17	Sulphate (as SO ₄), mg/l	200/400	127.4	119.7	222.6	111.6
18	Total Alkalinity (as CaCO ₃)mg/l	200/600	455.0	275.0	270.0	250.0
19	Total Hardness (as CaCO ₃) mg/l	300/600	288.0	760.0	720.0	730.0
20	Zinc (as Zn) mg/l	5/15	0.192	0.06	<0.04	0.28
21	Lead (as Pb) mg/l	0.01	<0.01	<0.01	<0.01	<0.01
22	Mercury (as Hg) mg/l	0.05	<0.001	<0.001	<0.001	<0.001
23	Total Arsenic (as As) mg/l	0.01	<0.01	<0.01	<0.01	<0.01
24	Total Chromium (as Cr) mg/l	0.05	0.005	<0.01	<0.01	<0.01

Note: 1) All the above Ground Water Quality Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.

2) Information given to local panchayat through DIL CSR team for the necessary treatment & assistance.

Sr. No.	Parameters	Acceptable / Permissible Limit (IS 10500: 2012)	Ground Water from Intake Well near Wadha Village
			30-11-2018
1.	Colour, Hazen units	5/15	1.0
2.	Odour	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	8.45
4.	Taste	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	1.67
6.	Total dissolved solids, mg/l	500/2000	372.0
7.	Boron (as B) mg/l	0.5/1.0	<0.06
8.	Calcium (as Ca) ,mg/l	75/200	41.6
9.	Chloride (as Cl), mg/l	250/1000	26.9
10.	Copper (as Cu), mg/l	0.05/1.5	<0.01
11.	Fluoride (as F), mg/l	1.0/1.5	0.310
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1
13.	Iron (as Fe), mg/l	0.3	<0.02
14.	Magnesium (as Mg), mg/l	30/100	19.5
15.	Manganese (as Mn), mg/l	0.1/0.3	<0.02
16.	Nitrate (as NO ₃), mg/l	45	2.37
17.	Sulphate (as SO ₄), mg/l	200/400	47.6
18.	Total Alkalinity (as CaCO ₃) mg/l	200/600	175.0
19.	Total Hardness (as CaCO ₃) mg/l	300/600	184.0
20.	Zinc (as Zn) mg/l	5/15	0.12
21.	Lead (as Pb) mg/l	0.01	<0.01
22.	Mercury (as Hg) mg/l	0.05	<0.001
23.	Total Arsenic (as As) mg/l	0.01	<0.01
24.	Total Chromium (as Cr) mg/l	0.05	<0.01
<p>Note: 1) All the above Ground Water Quality Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.</p> <p>2) Information given to local panchayat through DIL CSR team for the necessary treatment & assistance.</p>			

ENCLOSURE - 3

STACK EMISSION QUALITY STATUS OCTOBER-18 TO MARCH-19

Sr. No.	Parameters	Concentration									
		OCT-18		NOV-18		DEC-18		JAN-19	FEB-19	MAR-19	
		TPP Unit I	TPP Unit II	TPP Unit I	TPP Unit II	TPP Unit I	TPP Unit II	TPP Unit II	TPP Unit II	TPP Unit II	
1.	Total Particulate Matter, mg/Nm ³	13.2	23.6	9.86	33.8	21.1	23.7	18.4	26.7	27.3	
2.	Sulphur Dioxide as SO ₂ , mg/ Nm ³	1175.4	1231.4	1012.9	1244.3	814.6	1531.9	1392.1	1839.2	1846.5	
3.	Sulphur Dioxide as SO ₂ , Kg/Hr	1192.4	1436.0	708.1	1468.7	690.3	1854.5	1534.1	2010.2	2024.3	
4.	Oxides of Nitrogen as NO ₂ , mg/Nm ³	240.4	256.3	289.9	290.0	178.1	99.7	274.6	297.8	286.8	
5.	Oxides of Nitrogen as NO ₂ , ppm	127.8	136.3	154.1	154.1	64.7	52.9	145.9	158.3	152.4	
6.	Mercury as Hg, mg/Nm ³	0.01	0.012	0.010	0.011	0.012	0.014	0.012	0.012	0.009	
Note: All the above Stack monitoring & Analysis were done by MOEF Approved 3 rd Party M/s Earthcare Pvt. Ltd. * Unit-I was under shutdown from Jan-19 to Mar-19.											

STACK EMISSION QUALITY STATUS – OCTOBER-18 TO MARCH-19

Sr. No	Parameters	DECEMBER - 2018				FEBRUARY-2019			
		D.G. Set No.1 1500 KVA (Left Bank)	D.G. Set No.2 1500 KVA (Left Bank)	D.G. Set No.1 1500 KVA (Right Bank)	D.G. Set No.2 1500 KVA (Right Bank)	D.G. Set No.1 1500 KVA (Left Bank)	D.G. Set No.2 1500 KVA (Left Bank)	D.G. Set No.1 1500 KVA (Right Bank)	D.G. Set No.2 1500 KVA (Right Bank)
1.	Total Particulate Matter, mg/Nm ³	46.3	35.9	52.0	44.8	35.8	34.6	32.8	32.2
2.	Sulphur Dioxide as SO ₂ , mg/ Nm ³	356.9	388.1	382.5	393.4	211.4	312.0	225.1	294.2
3.	Sulphur Dioxide as SO ₂ , Kg/Hr	0.73	0.84	0.80	0.88	0.39	0.52	0.42	0.59
4.	Oxides of Nitrogen as NO ₂ , mg/Nm ³	251.7	263.2	374.3	265.8	194.9	215.7	209.5	210.1
5.	Oxides of Nitrogen as NO ₂ , ppm	133.8	139.9	198.3	141.2	103.6	115.2	111.3	111.7

ENCLOSURE -4

EFFLUENT QUALITY STATUS

EFFLUENT QUALITY MONITORING REPORT – OCTOBER-18 TO MARCH-19									
Sr. No.	Parameter	NORMS	ETP Discharge						
1.	PH	5.5 to 9.0	OCT-18	NOV-18	DEC-18	JAN-19	FEB-19	MAR-19	
2.	Total Suspended Solid	100 mg/l	7.63	7.89	8.06	7.92	8.00	7.57	
3.	Oil & Grease	10 mg/l	4.80	4.0	26.0	22.0	7.20	26.0	
4.	Biochemical Oxygen Demand (3 days/27°C)	30 mg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
5.	Chemical Oxygen demand	250 mg/l	3.20	2.6	3.60	5.0	4.80	4.50	
6.	Total Dissolved Solid	2100 mg/l	51.8	128.0	96.0	68.3	76.3	60.0	
			1145.0	1240.0	1366.0	1180.0	1410.0	1452.0	
Note: The Effluent Quality monitoring done MOEF approved 3rd party M/s Earth care Pvt. Ltd.									

Effluent Quality Monitoring report – OCTOBER-18 to MARCH-19													
Sl.No.	Parameter	Norms	OCT-18		NOV-18		DEC-18		JAN-19		FEB-19		MAR-19
			unit - I	unit - II	unit - I	unit - II	unit - I	unit - II	unit - I	unit - II	unit - I	unit - II	
1	PH	5.5 - 9.0	7.85	7.93	7.72	7.96	7.75	7.90	*	8.02	*	7.80	7.60
2	Temp.	<5°C higher than Intake water	4.0	4.0	2.0	3.0	3.0	4.0	*	4	*	4	4.0
3	Free Available Chlorine	0.5 mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	*	<0.1	*	0.16	0.4
Note:	Effluent Quality monitoring done by MoEF approved 3rd party M/s Earth care Pvt. Ltd. * Unit-I was under shutdown.												

Effluent Quality Monitoring report – OCTOBER-18 to MARCH-19

Sl.No.	Parameter	Norms	Boiler Blow Down										OCT-18		NOV-18		DEC-18		JAN-19		FEB-19		MAR-19	
			unit - I	unit - II	unit - I	unit - II	unit - I	unit - II	unit - I	unit - II	unit - I	unit - II	unit - I	unit - II	unit - I	unit - II	unit - I	unit - II	unit - I	unit - II	unit - I	unit - II		
			6.0	4.0	4.0	4.0	4.0	4.0	2.4	2.0	*	3.20	*	4.0	*	4.0	*	4.0	*	4.4				
			<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2				
			0.07	0.05	0.06	0.04	0.05	0.04	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03				
4	Iron(Total),mg/l	1 mg/l	0.10	0.09	0.09	0.07	0.08	0.06	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03			

The Effluent Quality monitoring done by MoEF approved M/s Earth care Pvt. Ltd.

* Unit-I was under shutdown.

Effluent Quality Monitoring report From OCTOBER-18 to MARCH-19													
Sl.No.	Parameter	Norms	Cooling tower blow down										
			OCT-18	NOV-18		DEC-18		JAN-19		FEB-19		MAR-19	
			unit - I - II	unit - I - II	unit - II - II	unit - I - I	unit - II - II	unit - I - I	unit - II - II	unit - I - I	unit - II - II	unit - I - I	unit - II - II
1	Free Available chlorine	0.5 mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	*	<0.1	*	0.16	*	0.41
2	Zinc	1 mg/l	0.28	0.30	0.21	0.19	0.24	0.18	0.14	*	0.31	*	0.87
3	Chromium (Total)	0.2 mg/l	0.04	0.05	0.03	0.04	0.05	0.04	0.03	*	<0.01	*	<0.01
4	Phosphate	5 mg/l	2.85	2.74	1.96	2.07	1.26	1.27	1.40	*	1.21	*	1.04
Note:	The Effluent Quality Monitoring done by MoEF approved 3rd Party M/s Earth care Pvt. Ltd. * Unit-I was under shutdown.												

Effluent Quality Monitoring report From OCTOBER-18 to MARCH-19										
Sl.No.	Parameter	unit								
1	PH	--								
2	Oil & grease	mg/l								
3	TSS	mg/l								
4	Lead (As Pb)	mg/l								
5	Mercury (As Hg)	mg/l								
6	Total Chromium (As Cr)	mg/l								
7	Total Arsenic (As As)	mg/l								
Note:			Effluent Quality Monitoring done by MoEF approved 3rd Party M/s Earth care Pvt. Ltd.							

Effluent Quality Monitoring report From OCTOBER-18 to MARCH-19													
Sl.No.	Parameter	Norms	Unit	STP Treated Effluent				OCT-18	NOV-18	DEC-18	JAN-19	FEB-19	MAR-19
1	PH	5.5 to 9.0						7.49	8.21	8.05	7.85	7.84	7.66
2	Total Suspended Solids (TSS)	100	mg/L					6.00	4.40	12.0	16.0	12.8	8.40
3	BOD	100	mg/L					5.20	3.80	19.0	20.0	18.0	16.5
Note:	Effluent Quality Monitoring done by MoEF approved 3rd Party M/s Earth care Pvt. Ltd.												

ENCLOSURE -5(A)

AMBIENT NOISE QUALITY STATUS

Location		AAQMS Cabin-01 (Near VIP Gate)		AAQMS Cabin-02 (Near ETP & RWH Pond)		AAQMS Cabin-03 (Near Old Switch Yard)	
Parameters	Month	Reading	During Day Time	During Night Time	During Day Time	During Night Time	During Day Time
Noise Level in dB (A)	OCT-2018	Leq	64.6	54.8	66.1	54.3	63.3
	NOV -2018	Leq	65.0	54.7	63.1	51.9	61.4
	DEC-2018	Leq	63.4	55.6	67.1	55.9	65.3
	JAN-2019	Leq	58.0	50.1	63.1	51.7	59.0
	FEB-2019	Leq	59.6	50.6	65.7	54.4	58.7
	MAR- 2019	Leq	52.7	55.9	58.7	50.3	63.6
Norms		Industrial Area	75	70	75	70	75
Note: Noise Quality Monitoring done by MoEF approved 3rd Party M/s Earth care Pvt. Ltd.							

ENCLOSURE -5(B)

WORK PLACE NOISE QUALITY STATUS

Month			August-18		December-18	
Parameters	Sr. No.	Location	Norms	Reading	Norms	Reading
Noise Level in dB (A)	1	ID Fan U#1	85	69.6	85	80.2
	2	ID Fan U#2	85	78.6	85	80.6
	3	FD Fan U#1	85	69.0	85	77.4
	4	FD Fan U#2	85	79.3	85	79.8
	5	TG-12 mtr U#1	85	70.4	85	77.6
	6	TG-12 mtr U#2	85	79.9	85	80.5
	7	MOT tank (TG-6 mtr. U#1)	85	70.9	85	71.7
	8	MOT tank (TG-6 mtr. U#2)	85	77.7	85	77.6
	9	DG Compressor	85	83.4	85	84.3

Month			August-18		December-18	
Parameters	Sr. No.	Location	Norms	Reading	Norms	Reading
Noise Level in dB (A)	10	AHP Compressor Room	85	84.0	85	84.3
	11	Boiler-1 # 12 mtr.	85	76.6	85	78.2
	12	Boiler-2 # 12 mtr.	85	75.9	85	77.8
	13	BFP TG-1 Unit#1	85	72.1	85	80.8
	14	BFP TG-2 Unit#2	85	80.4	85	80.2
	15	Crusher House	85	79.8	85	80.4
	16	Screen floor	85	77.4	85	77.6
	17	DSS Pump house	85	64.8	85	66.7

Month			August-18		December-18	
Parameters	Sr. No.	Location	Norms	Reading	Norms	Reading
Noise Level in dB (A)	18	Ash Slurry Pump House	85	75.8	85	75.7
	19	LDO Pump house	85	77.5	85	76.4
	20	CW Pump house	85	76.9	85	75.8
	21	Mill-1	85	72.8	85	76.1
	22	Mill-2	85	78.8	85	78.3
	23	Chiller area	85	75.0	85	76.2
	24	Wagon Tippler	85	70.8	85	73.4
	25	Fire Pump house	85	72.4	85	69.9
Note: Noise Quality Monitoring done by MoEF approved 3rd Party M/s Earth care Pvt. Ltd.						

ENCLOSURE – 6
AMBIENT AIR QUALITY STATUS

1.0 Location: - AAQMS Cabin-01 (Near VIP Gate)

Sr. No.	Parameters	Norms	TWA	Concentration					
				Oct-2018	Nov-2018	Dec-2018	Jan-2019	Feb-2019	Mar-2019
1.	Sulphur Dioxide (SO ₂) µg/m ³	80	Annual	6.55	9.08	11.2	11.0	11.7	10.2
2.	Nitrogen Dioxide (NO ₂) µg/m ³	80	Annual	13.1	18.2	21.2	23.6	24.7	25.5
3.	Particulate Matter of size less than 10 µm (PM ₁₀) µg/m ³	100	Annual	55.6	57.0	59.3	59.2	58.7	59.2
4.	Particulate Matter of size less than 2.5 µm (PM _{2.5})µg/m ³	60	Annual	30.6	33.6	34.8	38.3	37.6	38.8
5.	Ozone (O ₃) (µg/m ³)	100	8 Hrs	18.3	16.8	18.3	25.5	23.1	21.6
6.	Lead (Pb) (µg/m ³)	0.5	Annual	0.05	0.04	0.05	0.08	0.07	0.06
7.	Carbon Monoxide (CO) (mg/m ³)	2	8 Hrs	0.27	0.22	0.26	0.37	0.39	0.31
8.	Ammonia (NH ₃) (µg/m ³)	100	Annual	7.96	7.70	8.98	9.70	10.2	12.9
9.	Benzene (C ₆ H ₆) (µg/m ³)	5	Annual	3.45	3.42	3.48	3.84	3.94	3.85
10.	Benzo(a) Pyrene (BaP) (ng/m ³)	1	Annual	0.66	0.65	0.71	0.93	1.03	0.87
11.	Arsenic (As) (ng/m ³)	6	Annual	2.62	2.44	2.66	2.79	2.85	2.69
12.	Nickel (Ni) (ng/m ³)	20	Annual	8.76	8.43	8.39	9.45	9.79	9.42
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3 rd party M/s Earth care Pvt. Ltd.									

2.0 Location: - AAQMS Cabin-02 (Near ETP and RWH pond)

Sr. No.	Parameters	Norms	TWA	Concentration					
				Oct-2018	Nov-2018	Dec-2018	Jan-2019	Feb-2019	Mar-2019
1.	Sulphur Dioxide (SO ₂) µg/m ³	80	Annual	6.16	8.94	9.83	9.80	10.3	10.6
2.	Nitrogen Dioxide (NO ₂) µg/m ³	80	Annual	11.3	16.8	19.4	22.6	22.9	25.3
3.	Particulate Matter of size less than 10 µm (PM ₁₀) µg/m ³	100	Annual	54.8	59.2	49.5	55.4	58.2	57.8
4.	Particulate Matter of size less than 2.5 µm (PM _{2.5}) µg/m ³	60	Annual	29.3	35.5	25.5	31.7	32.8	34.3
5.	Ozone (O ₃) (µg/m ³)	100	8 Hrs	15.3	16.7	15.2	18.4	20.5	17.9
6.	Lead (Pb) (µg/m ³)	0.5	Annual	0.04	0.06	0.03	0.05	0.06	0.04
7.	Carbon Monoxide (CO) (mg/m ³)	2	8 Hrs	0.27	0.25	0.19	0.23	0.29	0.24
8.	Ammonia (NH ₃) (µg/m ³)	100	Annual	7.60	8.87	8.94	5.90	5.99	6.17
9.	Benzene (C ₆ H ₆) (µg/m ³)	5	Annual	3.37	3.42	3.34	3.44	3.53	3.49
10.	Benzo(a) Pyrene (BaP) (ng/m ³)	1	Annual	0.60	0.58	0.53	0.70	0.74	0.71
11.	Arsenic (As) (ng/m ³)	6	Annual	2.28	2.24	2.15	2.53	2.57	2.36
12.	Nickel (Ni) (ng/m ³)	20	Annual	9.14	8.96	7.20	8.25	8.32	8.06
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3 rd party M/s Earth care Pvt. Ltd.									

3.0 Location: - AAQMS Cabin-03 (Near Old Switchyard)

Sr. No.	Parameters	Norms	TWA	Concentration					
				Oct-2018	Nov-2018	Dec-2018	Jan-2019	Feb-2019	Mar-2019
1.	Sulphur Dioxide (SO ₂) µg/m ³	80	Annual	6.19	8.28	9.95	10.9	10.8	12.6
2.	Nitrogen Dioxide (NO ₂) µg/m ³	80	Annual	11.2	15.9	18.8	23.6	23.4	25.8
3.	Particulate Matter of size less than 10 µm (PM ₁₀) µg/m ³	100	Annual	58.4	53.5	56.1	57.1	57.7	58.1
4.	Particulate Matter of size less than 2.5 µm (PM _{2.5}) µg/m ³	60	Annual	31.5	28.3	30.3	34.3	33.9	38.8
5.	Ozone (O ₃) (µg/m ³)	100	8 Hrs	16.0	16.5	16.7	25.3	22.6	20.4
6.	Lead (Pb) (µg/m ³)	0.5	Annual	0.06	0.04	0.05	0.07	0.05	0.04
7.	Carbon Monoxide (CO) (mg/m ³)	2	8 Hrs	0.28	0.24	0.26	0.35	0.33	0.28
8.	Ammonia (NH ₃) (µg/m ³)	100	Annual	8.30	9.95	9.28	10.4	10.0	12.1
9.	Benzene (C ₆ H ₆) (µg/m ³)	5	Annual	3.17	3.16	3.28	3.80	3.76	3.68
10.	Benzo(a) Pyrene (BaP) (ng/m ³)	1	Annual	0.58	0.55	0.57	0.88	0.92	0.81
11.	Arsenic (As) (ng/m ³)	6	Annual	2.52	2.54	2.61	2.77	2.74	2.69
12.	Nickel (Ni) (ng/m ³)	20	Annual	7.77	6.76	7.93	9.38	9.42	9.34
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3 rd party M/s Earth care Pvt. Ltd.									

4.0 Location: - Mr. Maroti Shankar Roge house Village-Sonegaon

Sr. No.	Parameters	Norms	TWA	Concentration					
				Oct-2018	Nov-2018	Dec-2018	Jan-2019	Feb-2019	Mar-2019
1.	Sulphur Dioxide (SO ₂) µg/m ³	80	Annual	6.32	9.50	9.6	13.0	12.0	11.3
2.	Nitrogen Dioxide (NO ₂) µg/m ³	80	Annual	13.4	19.8	18.5	27.2	26.6	25.1
3.	Particulate Matter of size less than 10 µm (PM ₁₀) µg/m ³	100	Annual	47.5	56.7	49.5	58.7	57.0	54.4
4.	Particulate Matter of size less than 2.5 µm (PM _{2.5})µg/m ³	60	Annual	21.2	26.2	23.6	36.9	29.4	27.1
5.	Ozone (O ₃) (µg/m ³)	100	8 Hrs	17.3	14.7	12.3	20.1	20.0	17.2
6.	Lead (Pb) (µg/m ³)	0.5	Annual	0.03	0.02	0.02	0.04	0.03	0.03
7.	Carbon Monoxide (CO) (mg/m ³)	2	8 Hrs	0.18	0.15	0.14	0.18	0.16	0.16
8.	Ammonia (NH ₃) (µg/m ³)	100	Annual	7.77	7.65	7.91	7.60	7.44	5.76
9.	Benzene (C ₆ H ₆) (µg/m ³)	5	Annual	2.76	2.68	2.54	3.04	2.96	3.01
10.	Benzo(a) Pyrene (BaP) (ng/m ³)	1	Annual	0.43	0.38	0.35	0.52	0.48	0.42
11.	Arsenic (As) (ng/m ³)	6	Annual	1.82	1.63	1.58	2.04	2.15	2.02
12.	Nickel (Ni) (ng/m ³)	20	Annual	7.30	7.23	7.11	8.17	8.14	7.82
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3 rd party M/s Earth care Pvt. Ltd.									

5.0 Location: - Terrace of Shri Bapurao Pimpalkar House, Village - Wandhri

Sr. No.	Parameters	Norms	TWA	Concentration					
				Oct-2018	Nov-2018	Dec-2018	Jan-2019	Feb-2019	Mar-2019
1.	Sulphur Dioxide (SO ₂) µg/m ³	80	Annual	7.92	9.91	8.22	13.8	10.1	11.7
2.	Nitrogen Dioxide (NO ₂) µg/m ³	80	Annual	15.7	18.0	16.2	25.7	18.8	23.4
3.	Particulate Matter of size less than 10 µm (PM ₁₀) µg/m ³	100	Annual	48.3	52.2	45.9	50.7	52.7	53.4
4.	Particulate Matter of size less than 2.5 µm (PM _{2.5}) µg/m ³	60	Annual	20.5	25.2	22.5	29.5	23.3	25.0
5.	Ozone (O ₃) (µg/m ³)	100	8 Hrs	14.9	15.5	14.3	17.5	17.3	14.5
6.	Lead (Pb) (µg/m ³)	0.5	Annual	0.03	0.02	0.01	0.04	0.03	0.04
7.	Carbon Monoxide (CO) (mg/m ³)	2	8 Hrs	0.20	0.14	0.2	0.13	0.12	0.14
8.	Ammonia (NH ₃) (µg/m ³)	100	Annual	8.18	6.87	6.50	6.20	5.63	5.28
9.	Benzene (C ₆ H ₆) (µg/m ³)	5	Annual	2.84	2.70	2.56	2.44	2.43	2.43
10.	Benzo(a) Pyrene (BaP) (ng/m ³)	1	Annual	0.55	0.51	0.35	0.62	0.58	0.47
11.	Arsenic (As) (ng/m ³)	6	Annual	1.80	1.62	1.58	1.76	1.72	1.65
12.	Nickel (Ni) (ng/m ³)	20	Annual	8.15	6.51	6.34	7.37	7.34	6.83
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3 rd party M/s Earth care Pvt. Ltd									

6.0 Location: - Terrace of Gram Panchayat, Village- Yerur

Sr. No.	Parameters	Norms	TWA	Concentration					
				Oct-2018	Nov-2018	Dec-2018	Jan-2019	Feb-2019	Mar-2019
1.	Sulphur Dioxide (SO ₂) µg/m ³	80	Annual	7.0	8.09	8.6	11.6	11.7	11.5
2.	Nitrogen Dioxide (NO ₂) µg/m ³	80	Annual	16.6	16.0	17.1	24.2	24.4	22.4
3.	Particulate Matter of size less than 10 µm (PM ₁₀) µg/m ³	100	Annual	44.3	54.7	51.3	53.9	56.9	52.1
4.	Particulate Matter of size less than 2.5 µm (PM _{2.5}) µg/m ³	60	Annual	20.7	27.1	23.1	27.5	27.3	24.2
5.	Ozone (O ₃) (µg/m ³)	100	8 Hrs	14.8	12.7	12.1	14.8	22.2	16.8
6.	Lead (Pb) (µg/m ³)	0.5	Annual	0.03	0.02	0.03	0.05	0.06	0.05
7.	Carbon Monoxide (CO) (mg/m ³)	2	8 Hrs	0.21	0.16	0.16	0.16	0.23	0.20
8.	Ammonia (NH ₃) (µg/m ³)	100	Annual	10.6	7.40	6.30	6.90	6.95	8.21
9.	Benzene (C ₆ H ₆) (µg/m ³)	5	Annual	2.92	2.82	2.74	2.84	3.18	3.14
10.	Benzo(a) Pyrene (BaP) (ng/m ³)	1	Annual	0.46	0.39	0.39	0.65	0.58	0.63
11.	Arsenic (As) (ng/m ³)	6	Annual	2.12	1.78	1.74	1.84	2.58	2.54
12.	Nickel (Ni) (ng/m ³)	20	Annual	8.18	7.34	7.40	7.83	8.83	8.58
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.									

Enclosure-7

DHARIWAL INFRASTRUCTURE LIMITED,
Tadali, Dist. Chandrapur

12 Month (April 18 to March 19)
Consolidated Report on
Corporate Social Responsibility
Year 2018 to 2019

Broad CSR Initiatives

- 1) Swachh Bharat Abhiyan (Health, Sanitation & Drinking Water)**
- 2) Digital Village Program**
- 3) Skill Development**
- 4) SHG Promotion and adolescent girls program**
- 5) Education promotion**
- 6) Agricultural / Irrigation Development**
- 7) Village Infrastructure Development**

Swachh Bharat Abhiyan Program

Objectives

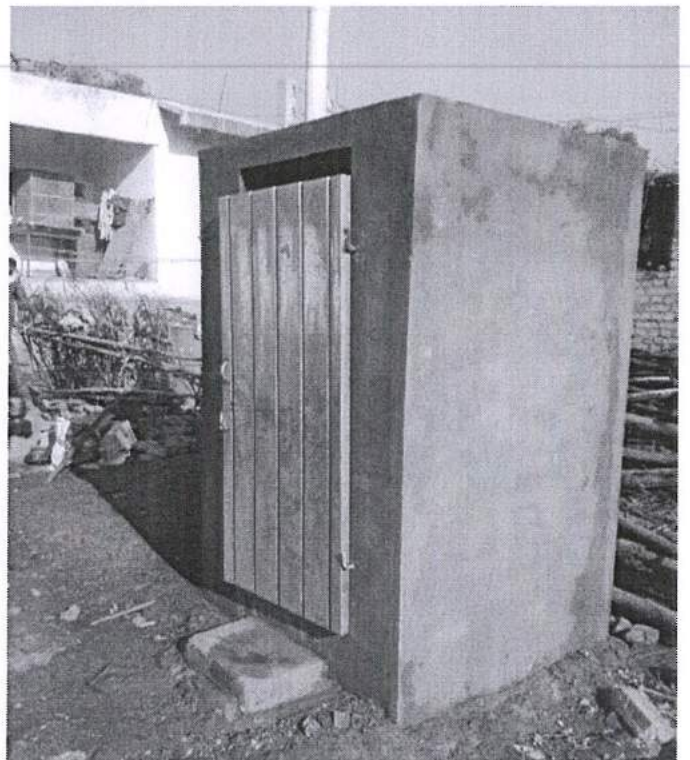
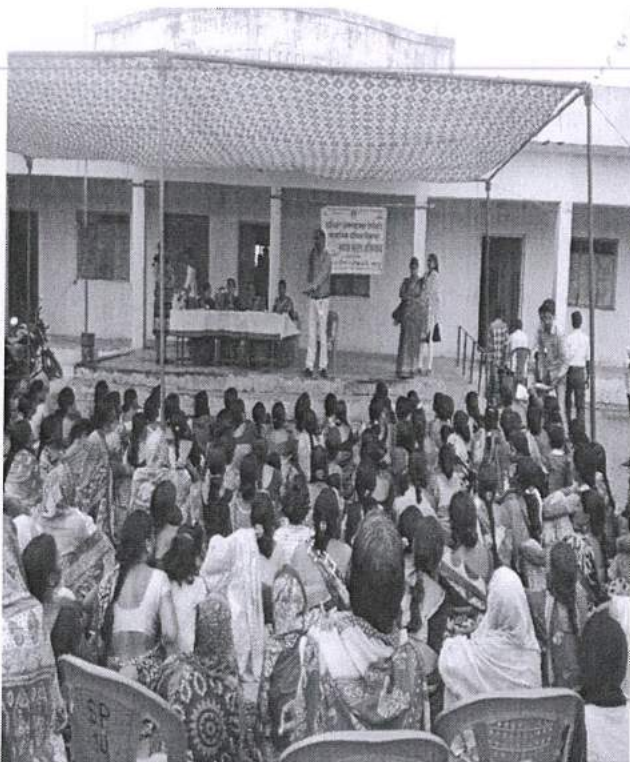
- To promote safe sanitation & clean environment as way of life in rural areas
- To ensure that 100% population of 9 villages have access to household toilets and reduce OD to 0%
- To incentivize Panchayat Raj Institutions (PRIs) to make the villagers Open Defecation Free(ODF) and to promote Solid and Liquid Waste Management(SLWM)
- To sustain the initiative of clean environment.
- To encourage organization to play a catalytic role in social mobilization in the implementation of Swachh Bharat Abhiyan

The Progress made so far under Swachh Bharat Abhiyan.

- Total 931 toilets constructed out of 978 in Nine villages.
- Community mobilization activities through conducting rallies, door to door campaign , awareness camps, showing movies on Sanitation, etc.
- Adherence to all guidelines laid down under Swachh Bharat Abhiyaan such as implementation of waste & water management, School & Anganwadi sanitation, Awareness programs etc.
- Organized Rally, Pathanitaka, Gram Swachhta Abhiyan, Home to Home mobilization, Exposure visit ,Swachh Bharat Abhiyan Workshop ,Gramsabha & concern dept Meeting for Sanitation.
- Meetings held with Sarpanch and villagers for mobilizing participation
- DIL got felicitation from state Finance Minister on the 26th Jan 2019 for sanitation program..
- Meeting with District Magistrate & CEO & BDO for sanitation.

Output

- 7 Villages got ODF certificate from the Govt
- 7 Villages awarded with Swachh Bharat Abhiyan and received Rs 10 lakh for village development.
- DIL has received the award for its contribution in Swachh Bharat Abhiyaan by State Govt. of Maharashtra.



Digital Village Program

Objective

- Selected Pandharkawda for the digital village program
- 100% coverage with the inclusion of cashless transactions, usage of online wallets and provision of free Wi-Fi.
- Mobile Banking, SMS Banking, Missed Call Alerts, Internet Banking, Debit Card etc. would be enabled for all households in the villages
- Villagers would be issued with RuPay debit card and they would be covered under RuPay Insurance Scheme
- Reduction of gap between rural and urban India, by bringing financially excluded people under the fold of banking.
- Based on the success of this initiative, DIL will plan for scaling up to more villages

Activity

- 100% Bank account opened for villagers in Pandharkawda Village .
- 90 % villagers have their Adhar linked with bank account.
- 158 villagers were installed with cash less app for financial transaction such as BHIM ,PYTM ,MAHABANK, RUPAY, PHON PE etc.
- organized 2 Cashless training for villagers.
- Survey
- Conducting classes for ZP school students.
- Conducting classes for women.
- Started Government to Customer service in Pandharkawda (G to C)

Output

- 158 villagers are using apps for cashless transaction.
- 90% Villagers have paid electricity bill through online payment. .
- 70 % villagers are using ATM.
- Villagers are getting certificate(Income certificate and other govt certi.) from the Centre.
- Mr Sudhirbhau Mungantiwar (State Finance Minister) has visited and inaugurated digital village. **Govt. of Maharashtra has adopted Panderkowdha as Digital Village and awarded Rs 61 Lakhs for its development.**
- 100% Villagers have opened their Bank account with Aadhar linked.

- Digital village has created direct linkage between Chief Minister offices ,other GOVT. offices and Gram Panchayat . **Chief Minister has talked with Sarpanch through the VC.**
- Children and women have got online education for their study and competitive exam.
- 180 villagers have installed cash less app such as BHIM ,PYTM ,MAHABANK, RUPAY, PHON PE for doing financial transaction viz. **online electricity payment, mobile bill recharge etc.**
- All govt. certificates such as PAN card, Caste certificate, Passport, Driving license, Income certificate, Character certificate etc will be issued through **Govt. to Citizen service** with minimum charge.
- Government is providing **free training on basic computer, tally , telemedicine, veterinary medicine.**



Education Program

Objective

Ensure all students in classes 1st - 8th are able to perform at least 50% score in their class exams.

Activity

- Started 19 L2R, R2L classes in 8 villages 398 students have enrolled.
- 8 libraries are running successfully from last three years , 750 children have enrolled
- Organized 1 training for staff and Balsakhi.
- Organized Pustakwala program in 8 villages .
- Organized the drawing competition, GK exam and various type of program through the Ganesh Mandal .

Output

- 92 % students can read , write and speak basic English, Marathi & Hindi language and arithmetic.
- Students attendance has increased by 40% in the school.
- According to School Report Card , progress report of 82 % of students has been improved.





Agriculture Program

Objective

- farmers clubs in Shenggaon , Pandharkawa, Wadha, Dhanora, Yerur & Sonegaon are able to access all supports from NABARD & Agriculture department
- Develop the Intake area into a Agriculture Demostration Farm for Farmers Training.

Activity

- Conducted five training for the farmers club such as fertilizer, pesticides, seeds, soil testing , cotton etc
- conducted exposure visit in Warora .
- Maintenance of 150 Oranges plants in Intake well, Wadha. Planted 105 orange ,10 guava , 250 Nilgiri , marigold, lady finger , bins, fenugreek, coriander, brindle ,chilies and water melon and mangoes.
- Preparation of land for farming.
- 9 farmer club formed .
- Started RML Kisan call services for 42 farmers.
- Conducted five training sessions to for the farmers club on use of fertilizer, pesticides, seeds, soil testing , cotton farming etc. such as conducted .

- Facilitated Exposure visit in Agriculture Melava at Nagpur & Ralegaon.
- Provided 80 tree guards and plants to the villages
- 12/35 plant have planted in villages.

Output

- Linkage of farmers club with NABARD and ATMA .
- Farmer clubs are collecting Rs 100, Rs 200 from Yerur and Sonegaon, Dhanora, Pandharkawada, Shengaoon, Wadha for agriculture purpose.
- They have attempted to start micro business such as Poultry Farm, Goat Farm, Dairy etc.
- Last year 148 organic orange plants yielded oranges in bulk amount.



Self Help Group Program

Objective

- SHG members practice savings and credit
- SHGs have Bank linkages and have their Bank Accounts.
- SHG will start small business.

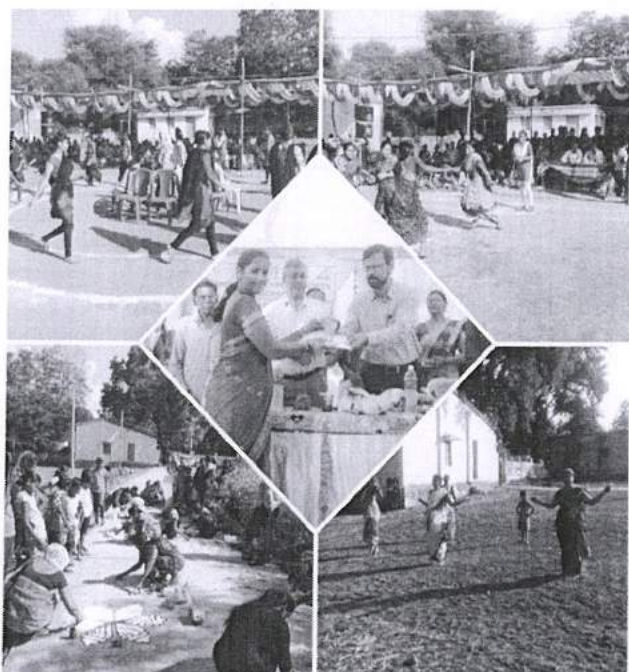
Activity

- Meeting with SHG group.
- 9 SHG group formed
- 8 youth meeting have been conducted in villages.
- Conducted Entrepreneurship development and microenterprises training for SHG
- Conducted regular meetings with the SHG and organized workshops on Capacity Building
- Organized Panchayat raj training for 8 villages village.
- Organized beautician training for 4 villages . 8 Women has trained in beautician course.
- Organized bag stitching training for 4 villages .27 women have trained .
- Organized food making training for 2 villages . 4 women have trained .

Output

- All SHG group have opened their account in bank.
- 4 SHG have started their micro businesses on Zunaka Bhakar Kendra, beauty parlor, Tailoring (Petticoat) & Bag making in Shenagaon, Morva, Dhanora and Tadali village resp.
- 43 women have got self employment.





Adolescent Girls Program

Objective

- Adolescent Girls of class VIII to XII in one school are access to safe and hygienic sanitary napkins.
- To create awareness of adolescence girls during their period..

Activity

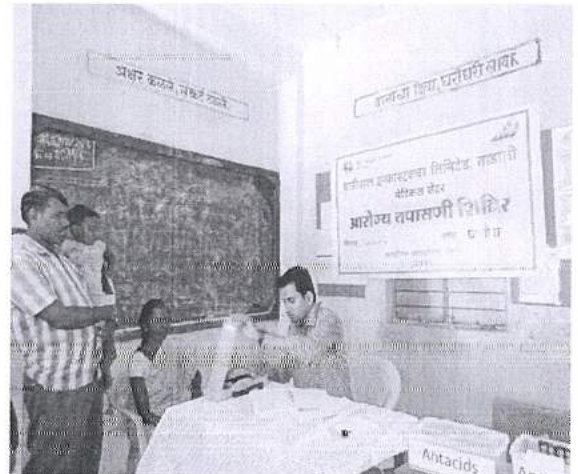
- Organized 4 HB camp in four villages.
- Conducted awareness meeting for adolescent girls in 8 villages .
- Organized 8 HB camp in 5 villages.
- 6 SHG have formed in five villages .
- Installation of Sanitary Napkin Vending Machine in Indira Gandhi School and New English high School.
- Organized regular meeting with adolescent girls of villages with a view to enlighten them about their health related precautions and general issues.

Output

- Now 85 % girls are using sanitary napkin pad.

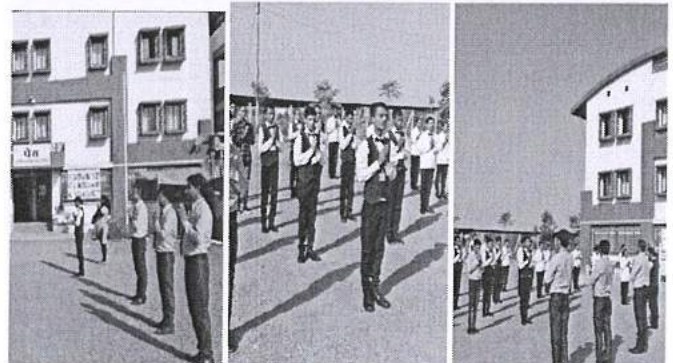
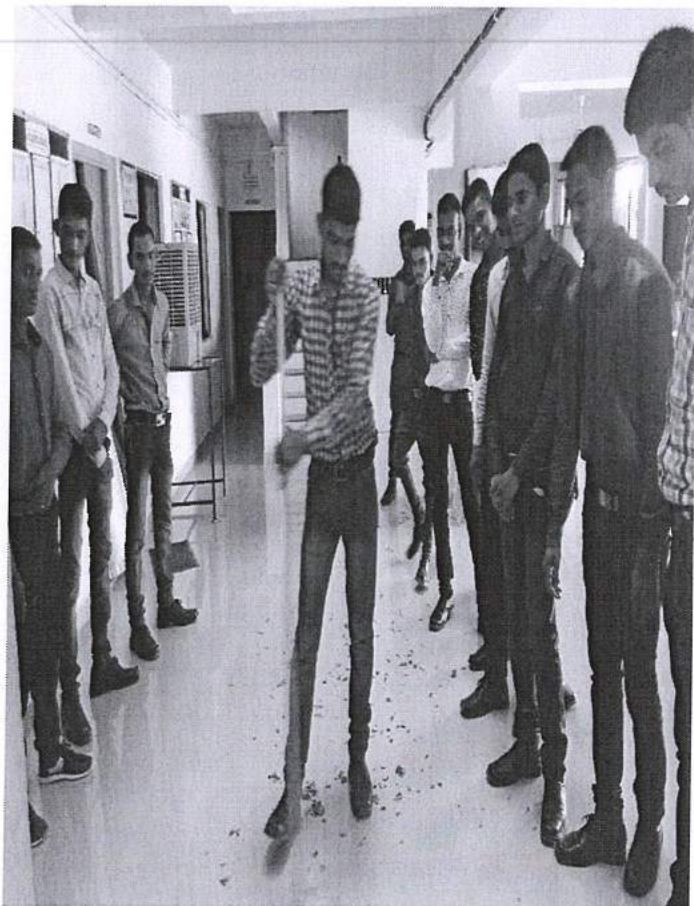


- Girls attendance has increased in the school.
- Girls Health related issues has gone down.
- Girls have started SHG groups to maintain their dignity and feeling of safe empowerment.



Skill Development Program

- 9 students have been selected for hospitality training and all are placed in Star Hotels in Pune in the year 2017
- 4 students have undergone automobile training and post completion of training , all have been placed in Mahindra & Hyundai at Nagpur.





Village Infrastructure Development

- Renovation of ICCU Crist Hospital. .
- Help for the Durga Pujan & Ganpati Pujan.

Expenditure

- Total Expenditure for the period from April 2018 to March 2019 for all CSR activities was Rs. 28.87 Lakhs.
- Total Expenditure for all CSR Activities till date was Rs. 316.4 Lakhs.

ENCLOSURE –8
Monitoring the Implementation of Environmental Safeguards
Ministry of Environment & Forests
Regional Office (W), Nagpur

Monitoring Report			
PART- I			
DATA SHEET			
Ref No.	DIL/HISE/F-09/19-20/		Date : 30/05/2019
1.	Project type : River-valley/Mining / Industry/Thermal/Nuclear/other (specify)	:	Thermal Power Plant
2	Name of the project	:	M/s. Dhariwal Infrastructure Ltd. Plot No. C-6, C-7 & C-8, Tadali Industrial Area, MIDC, Village – Tadali, Dist. - Chandrapur
3.	Clearance letter (s)/OM no and date	:	J-13011/10/2009-IA. II (T) dated 04 -12-2009
4.	Location		
	a. District (s)	:	Chandrapur
	b. State(s)	:	Maharashtra
	c. Latitude/Longitude	:	Latitude : 20°00'30" to 20°01'20" North Longitude 79°11'50" to 79°12'35" East
5.	Address for correspondence		
	a. Address of Concerned Project Chief Engineer (with pin code & telephone/telex/fax numbers)	:	Shri. Rabi Chowdhury, Managing Director M/s. Dhariwal Infrastructure Ltd. Plot No. C-6, C-7 & C-8, Tadali Industrial Area, MIDC, Village – Tadali, Dist. – Chandrapur, PIN - 442406 Phone No. 07172-645911-13 Fax No.- 07172-237992
	b. Address of Executive Project Engineer/Manager (with pin code/fax numbers)	:	Shri. Goutam Ghoshal Vice President M/s. Dhariwal Infrastructure Ltd. Plot No. C-6, C-7 & C-8, Tadali Industrial Area, MIDC, Village – Tadali, Dist. – Chandrapur PIN - 442406 Phone No. 07172-645911-13 Fax No.- 07172-237992
6	Salient features		
	a. of the project	:	Please refer Annexure-1
	b. of the environmental management plans	:	
7.	Break up of the project area		
	a. submergence area : forest & non-forest	:	Not applicable since the Unit is set up in MIDC Industrial Area

	b.	Others	:	Total project area : 441.84 Acres Area earmarked for green belt development is : 125.34 Acres	
8.	Break up of the project affected population with enumeration of those losing houses/dwelling units only agricultural land only, both dwelling units & agricultural land & landless laborers/artisan (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey)		:	Not applicable since the Unit is set up in MIDC Industrial Area	
9.	Financial details				
	a.	Project cost as originally planned and subsequent revised estimates and the year of price reference	:	Total project cost originally planned was Rs. 3054 Crores. The gross capital incurred as on date is Rs. 3888.86 Crores.	
	b.	Allocation made for environmental management plans with item wise and year wise break-up		Rs. 543.9 Lakhs.	
Sr.No.	Particular			Capital Cost Incurred for October 2018 to March 2019 (Rs. In Lakhs)	Recurring Cost Incurred for October 2018 to March 2019 (Rs. In Lakhs)
	1	Air Pollution Control		104.30	87.17
	2	Water Pollution Control		293.62	23.73
	3	Noise Pollution Control			
	4	Environment Monitoring and Management			4.62
	5	Reclamation borrow/mined area			
	6	Occupational Health		0.095	8.81
	7	Green Belt and Land Environment			18.98
	8	Others (Pl. Specify) Socio-economic Environment			2.57
	Total			398.01	145.88
	c.	Benefit cost ratio/Internal rate of Return and the year of assessment	:	The construction work is started in the financial year 2010-11 and Plant is commissioned in two phases in October 2013 and July 2014.	
	d.	Whether (c) includes the cost of environmental management as shown in the above	:	Yes	
	e.	Actual expenditure incurred on the project so far	:	Rs. 3888.86 Crores	
	f.	Actual expenditure incurred on the environmental management plans from April 2018 to September 2018.	:	Capital Cost : Rs. 398.01 Lakhs Recurring Cost : <u>Rs. 145.88 Lakhs</u> Total : Rs. 543.9 Lakhs	
10	Forest land requirement				

	a.	The status of approval for diversion of forest land for non-forestry use	:	Not applicable, since the Unit is located in MIDC Industrial Area, Tadali, Chandrapur.
	b.	The status of clearing felling	:	Not applicable
	c.	The status of compensatory afforestation, if any	:	Not applicable
	d.	Comments on the viability & sustainability of compensatory afforestation programme in the light actual field experience so far	:	Not applicable
11		The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	:	Not applicable
12		Status of construction		
	a.	Date of commencement (Actual and/or planned)	:	June 2010
	b.	Date of completion (Actual and/of planned)	:	July 2014
13		Reasons for the delay if the project is yet to start	:	Work is completed.
14		Dates of site visits		
	a	The dates on which the project was monitored by the Regional Office on previous occasions, if any.	:	Nil
	b.	Date of site visit for this monitoring report.	:	--
15		Details of correspondence with project authorities for obtaining action plans/information on status of compliance to safeguards other than the routine letters for logistic support for site visits. (The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letters issued subsequently.)	:	DIL is regularly submitting Half Yearly Compliance Reports since beginning.

For **DHARIWAL INFRASTRUCTURE LTD.**


(Goutam Ghosal)
 Station Head

ANNEXURE-1

SALIENT FEATURES

1.0 Salient Features of the Project

- ❖ It is a coal based Thermal Power Plant (TPP) of capacity @ 2 x 300 MW. The requirement of coal is 3.0 Million TPA and full fledged coal handling plant is installed in the Unit.
- ❖ Auxiliary fuel, LDO is stored in 2 X 1000 m³ storage capacity tank.
- ❖ Total fresh water requirement is 19.272 Million KL Per Annum and it is fulfilled from Wardha River.
- ❖ Rail infrastructure & Road network is adequately available.
- ❖ The 400 KV Sub-Station - Chandrapur is located at 7.0 km towards East direction and connected for power evacuation.
- ❖ The ash handling system comprising dry extraction by pneumatic conveying system has been provided, Ash bund of adequate capacity is also provided. Ash disposal as per Fly Ash Notification Nov. 2008 is in progress.
- ❖ The operation of 2 x 300 MW TPP is started with all pollution control systems.

2.0 Salient Features of Environment Management Plan

The adequate pollution control measures with latest pollution control system are installed in the Plant.

The EMP has been prepared to further mitigate the impacts, if any, on environment due to the Unit and to ensure that the study area will be well conserved during construction and operation phase of the TPP.

2.1.1 Construction Phase

- ❖ Constuction Phase is over in year 2014 and Plant (both Unit-1 and Unit-2) was commissioned on October 2013 and June 2014 respectively.

2.1.2 Operation Phase

2.1.2.1 Land Environment

The EMP for land environment is to scientifically utilize the capabilities of different plant species for attenuation of particulate and noise. Further, afforestation programme & green belt development programme is in progress on priority.

- ❖ The tree species selected for plantation are as per the CPCB Guidelines.
- ❖ Tree species are selected considering tolerance to specific conditions or alternatively wide adaptability to eco-physiological conditions.
- ❖ Fly ash is directly supplied to cement plants.
- ❖ Bottom ash is disposed at ash bund.
- ❖ Abandoned quarries/mines in the region will be studied for filling and leveling by bed ash as well as for green belt development.
- ❖ Generation of used/spent oil is insignificant and its disposal will be carried out scientifically.

21.2.2 Air Environment

Generation of ambient air quality data helps to develop sustainable environment. Following measures are carried out for further environmental improvements:

- ❖ A system is developed for the regular check up and efficient maintenance of all the pollution control arrangements.
- ❖ Truck/wagon unloading operations are regularly supervised to reduce fugitive emissions.
- ❖ A green belt around the plant site and plantation within the plant premises especially around the possible sources of fugitive emissions is carried out.
- ❖ Water sprinkling on roads is carried out to prevent dust pollution.
- ❖ Water Sprinklers are provided in Coal yard and sprinkling is done to prevent dust pollution.

2.1.2.3 Noise Environment

- ❖ The operator's cabins and control rooms are properly acoustically insulated with special doors and observation windows.
- ❖ Noise attenuating devices like ear plug and ear muffs are provided to protect the workers from high noise levels.
- ❖ Walls and ceilings are lined with sound absorbing materials, wherever required.
- ❖ The vent valves are equipped with silencers.

2.1.2.4 Water Environment

- ❖ The water conservation scheme is implemented in different sections/ operations so as to reduce water requirements.
- ❖ Regular monitoring and quantification of water requirement at various operations/sections is carried out.
- ❖ Rain water harvesting is carried out.
- ❖ All the pipeline/taps leakage is promptly attended to.

2.1.2.5 Socio-Economic Environment

Environmental Management Plan (EMP) is prepared considering the impacts which have manifested as a result of the ongoing activities i.e. existing socio-economic profile in the study area. The details are given below

- ❖ Though there is limited direct employment required in the TPP, still the local people are given opportunities for indirect jobs and business in the project.
- ❖ All workers, labours & staff are provided with personal protective appliances (PPEs') and safety gadgets.
- ❖ Social welfare programmes with reference to health, education, water conservation, income generation are organized in the nearby villages.
- ❖ For all the social welfare activities to be undertaken by the authorities, collaboration and consultation is sought with the local administration, grampanchayat, block development office, NGOs etc. for better co-ordination.
- ❖ Rest rooms, canteen, drinking water etc near the work place are provided for contract labours as well as transporters.



RP - Sanjiv Goenka
Group

Growing Legacies



Dhariwal Infrastructure Limited

CIN : U70109WB2006PLC111457
E-mail : dhariwalinfrastructure@rp-sg.in

Ref: DIL/HSE/F-05/19-20/08

Date: 20.04.19

To,
The APCCF(C),
Ministry of Environment, Forest and Climate Change,
Regional Office(WCZ), Ground Floor,
East Wing, New Secretariat Building,
Civil Line, Nagpur-440001.

Sub : Submission of Annual Ash Generation & Utilization report for the period from 1st April 2018 to 31st March 2019.

Ref : Fly Ash Notification: 14th Sept. 1999, 3rd Nov. 2009 & 25th Jan. 2016.

Dear Sir,

This is with reference to the above notifications, please find attached herewith, the compliance of ash generation & utilization report for the period from 1st April 2018 to 31st March 2019, in the prescribed format for your ready reference.

We hope you will find the same in order.

Thanking you,

Yours faithfully,
For Dhariwal Infrastructure Limited.


(Goutam Ghosal)
Station Head

Encl: As above.

- CC: 1. The Member Secretary,
Central Pollution Control Board,
Parivesh Bhawan, East Arjun Nagar
New Delhi-110032.
2. Dr. S.K. Palliwal, Scientist-D, IPC-II,
Central Pollution Control Board,
Parivesh Bhawan, East Arjun Nagar,
New Delhi-110032.
3. Member Secretary,
Maharashtra Pollution Control Board
4th Floor, Kalpataru Point,
Sion(E), Mumbai-400022.
4. The Regional Officer,
Maharashtra Pollution Control Board
Udyog Bhawan 1st Floor,
Near BusStand, Chandrapur-442401

Received
22/4/19
Maharashtra Pollution Control Board
Regional Office
Udyog Bhawan 1st Floor Station Road
Chandrapur-442401.

Fly Ash Notification S.O. 2804(E), 3rd November, 2009 -
Statutory Compliance Report for the period 01.04.2018 to 31.03.2019

S. No.	Item	Reply
1	Name of Thermal Power Station	Dhariwal infrastructure Limited
2	Full address including Pin code	C-6, MIDC growth centre, Tadali, Chandrapur Pin: 442406
3	E-mail address	devendra.tripathi@rp-sg.in
4	Name of the Nodal Officer (not below the rank of DGM / Dy.CE / or equivalent) dealing with ash/environment management and designation	Goutam Ghosal
5	Contact No.	9561112004
6	Fax No.Email:	devendra.tripathi@rp-sg.in
7	Capacity of the Thermal Power Station (MW)	600
8	Details of Number of Units and capacity of each unit	2x300 MW
9	Coal / Lignite Consumption in 2018-2019 (Million Tonnes)	2.066987

A. Ash Generation in 2018-2019 (in tonnes).

10	Bottom Ash	68085.78
11	Fly Ash	622514.75
	Total A (10 to 11)	690600.53

B. Ash unutilised (in tonnes)

12	Ash Pond disposal	0
13	Ash yard	-
14	Ash Dump	-
	Total B (12 to 14)	0

C. Ash utilization in 2018-2019 (in tonnes)

	Purpose for which ash is utilized	Target (as per action plan)	Actual			Total(1+2+3)
			From ESP Dry Ash (1)	From Pond Ash (2)	From Bottom Ash (3)	
15	Ash pond dyke rising	-	-	-	-	-
16 *	Cement industry		606980.93			606980.93
17	Land fill					
18	Own Brick Unit					
19 *	Outside brick Units other than brick kilns		15533.82		74492.93	90026.75
20*	Brick Kilns	-				
21	Own ash based products (other than bricks)	-	-	-	-	-
22	Ash based products (outside)	-	-	-	-	-

23 *	Road and Flyover Embankments	-	-	-	29310.85	29310.85
24 *	Back filling of mines	-	-	-	-	-
25	Agriculture	-	-	-	-	-
26	Ready mix concrete	-	-	-	-	-
27	Asbestos	-	-	-	-	-
28 *	Exports	-	-	-	-	-
29	Others (please specify)	-	-	-	-	-
	Total C (15 to 29)		622514.75		103803.78	726318.53

D. Reasons for variation from the target

1.	
2.	
3.	

E. Remedial Measures taken

1.	
2.	
3.	

F. Quantity in ash pond

30.	Estimated quantity of Pond ash in active ash pond (pond in use) as on 31.03.2019 (Million Tonnes)	0 (Excluding dead stock i.e 0.06855 million tonnes which is technically not recoverable.
-----	---	--

G. Ash Pond Details

31	Total area ear marked for ash ponds (ha)	Forest Area	Non Forest Area	Total
32	Ash ponds already filled up and reclaimed (ha)	-	-	-
33	Ash ponds already filled up but yet to be reclaimed (ha)	-	-	-
34	Ash ponds in use (ha) (Active ash ponds)	-	39.7	-
35	Area earmarked for ash ponds but ash ponds yet to be constructed (ha)	-	-	-

H. Dry ash collection facilities

36	Dry fly ash collection facility available	Yes
37	If yes, how many units	2

I. Dry fly ash storage

38	Daily Ash Generation (TPD)	Capacity of storage as on 31.3.2019 (tonnes)	Capacity proposed if any in 2018-2019 (tonnes)
	3620 (Maximum generation during full load)	3280	Nil

J. Capital Expenditure (Rs. Lakhs)

	Item	Item Expenditure in 2018-2019(Rs. Lakhs)	Budgetary provision in 2018-2019 (tonnes)
39	Bottom Ash collection facility	Facility already exists	Not required as Facility already exists

40	Dry fly ash storage	Facility already exists	Not required as Facility already exists
----	---------------------	-------------------------	---

K. Dispute Settlement Committee

41	No. of meetings held in 2018-2019	If no meetings were held, reason for the same.
	Total four meetings has been conducted in last one year.	There is no major dispute observed so far among the Unit and fly ash carriers during last one year.

L. Provision regarding supply to the brick kilns


42	Whether the Thermal Power Station is maintaining month-wise records of ash made available to each brick kiln	Not supplying to brick kilns						
43	If yes, how many brick kilns have been supplied with fly ash	Nil						
	Mode of transport of Ash: Truck / Trailer / Closed Container / Covered with Tarpaulin / Open	<table> <tr> <td></td><td>Dry ash</td><td></td></tr> <tr> <td></td><td>Wet Ash</td><td></td></tr> </table>		Dry ash			Wet Ash	
	Dry ash							
	Wet Ash							

M. Promotional Measures

		No. of meetings / workshops exhibition held during 2018-2019	Amount spent in 2018-2019 (Rs. Lakhs)	Outlay for 2018-2019 (Rs. Lakhs)
46	Public Awareness Campaign	4	Not Assessed	
47	Exhibitions	-		
48	Seminars / Workshops	-		
49	Advertisement in Newspapers	-		
50	TV / Radio Advertisements	-		
51	TV / Radio Advertisements	-		
	Total M (46 to 51)	4		

52. Administrative Measure taken

S.No.	Administrative Measure	Outcome
(i)	Meeting with brick manufacturers	4
(ii)	Meeting with State Government / Agencies	Regular meetings with prospective users i.e Cement plant officials, Brick manufacturers, PWD authorities and mining authorities of nearby area.
(iii)	Any other measure (please specify)	



Signature of the Plant Head

Name: Goutam Ghosal
Designation: Station Head
Date: 20.04.2019

Enclosure-10





GOVERNMENT OF INDIA
Ministry of Water Resources
CENTRAL GROUND WATER BOARD
CENTRAL REGION, N.S. Building, Civil Lines
NAGPUR - 440 001 (M.S.)

Tel : 0712-2534415, 2565314, 2553570
Fax: 0712-2564391

No. CGWA/CR/DHARIWAL/2011-12/ 3685

Dated: 4.8.2011

To,

Chief Operating Officer
Dhariwal Infrastructure Limited
Room - 609 B, Lokmat Bhawan,
Wardha Road, Ramdaspeth
Nagpur - 440 012

Sub: Approval of Rainwater Harvesting Scheme for M/s Dhariwal Infrastructure Limited, Chandrapur.

Ref: Your letter No. DIL/EMD/011 dated 12 July 2011.

Sir,

With reference to above cited subject, is to inform that your proposal for Rain Water Harvesting for the 2 x 300 MW Thermal Power Project at Tadali, District - Chandrapur is technically approved and RECOMMENDED for its implementation with the following comments / recommendations.

1. The average annual rainfall in the area is about 1250 mm and therefore, about 11,72,500 cubic metres of rainwater can be harvested annually in the project area considering 30 % losses. All efforts must be made to harvest this huge quantum of rain water in the existing tank of size 150 m X 150 m X 6 m and the additional tanks proposed in the project area. Also, as proposed, the deepening of the existing tank may be carried out to enhance its storage capacity. This harvested water can be used for activities like greenbelt development and dust suppression as proposed.
2. Since the area is underlain by Talchir shale which bears the low ground water storage and yield potential, possibilities may also be explored for recharging of deeper aquifers comprising of sandstone which has good storage potential. Recharge wells can be constructed within the existing and proposed storage tanks for direct recharging of deeper aquifers.
3. As mentioned in the project proposal, there exist two large diameter open dug wells in the power plant area. Possibilities may also be explored for direct recharging of the shallow aquifer through these two dug wells by placing suitably designed filter.
4. After the completion of the project, selected photographs of the entire rain water harvesting project implemented shall be sent to this office for perusal and record.
5. For any technical guidance during the course of implementation of the RWH project, this office may be consulted.

Yours faithfully


(PRADEEP DUBE) 4/8
Regional Director



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो)

Petroleum & Explosives Safety Organisation (PESO)

प्लॉट संख्या 36-37, वार्ड संख्या 38, राठी लेआउट, राश्ट्रभाषा मार्ग, वर्धा

वर्धा- 442001

Plot no. 36-37, Ward no. 38, Rathi Layout, Rashtrabhasha Road, Wardha-(Maharashtra),
Wardha - 442001

Regd/AD

E-mail dyccewardha@explosives.gov.in

Phone/Fax No. 7152230370

संख्या /No : P/HQ/MH/15/6129 (P294572)

दिनांक /Dated : 15/01/2018

सेवा में /To,

M/s. Dhariwal Infrastructure Ltd.,
C-6 Tadali, MIDC Growth Centre,,
NA,
Tadali,
Chandrapur,
Taluka: Nagbhir,
District: CHANDRAPUR,
State: Maharashtra
PIN: 442406

विषय /Sub: Plot No, Plot No.C-6,, M.I.D.C.Tadali,, Village-MIDC Tadali,, Taluka: Chandrapur, District: CHANDRAPUR, State: Maharashtra, PIN: 442406
में स्थित विद्यमान पेट्रोलियम वर्ग C अधिष्ठापन में अनुज्ञप्ति सं P/HQ/MH/15/6129 (P294572) के नवीकरण के संदर्भ में ।
Existing Petroleum Class C Installation at Plot No, Plot No.C-6,, M.I.D.C.Tadali,, Village-MIDC Tadali,, Taluka: Chandrapur, District:
CHANDRAPUR, State: Maharashtra, PIN: 442406 - Licence No P/HQ/MH/15/6129 (P294572) - Renewal regarding

महोदय /Sir
(-),

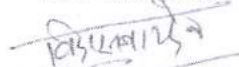
कृपया आपके पत्र क्रमांक NA दिनांक 30/11/2017 का अवलोकन करें ।
Please refer to your letter No : Nil, dated 30/11/2017

अनुज्ञप्ति संख्या P/HQ/MH/15/6129 (P294572) दिनांक 23/01/2013 को दिनांक 31/12/2022 तक नवीनीकृत कर इस पत्र के साथ अग्रहित की जा रहा है ।
Licence No. P/HQ/MH/15/6129 (P294572) dated 23/01/2013 is forwarded herewith duly renewed upto 31/12/2022

कृपया पेट्रोलियम नियम 2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कड़ाई से पालन करें । अनुज्ञप्ति के नवीकरण हेतु समस्त दस्तावेजों को अनुज्ञप्ति की वैधता समाप्त होने की तिथि से कम से कम 30 दिन पूर्व कार्यालय को प्रेषित करें ।
Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the licence so as to reach this office on or before the date on which Licence expires.

कृपया पावती दें।
Please acknowledge the receipt

भवदीय /Yours faithfully


(श्रीमती विजया-संजय बारदेक)
(Mrs. Vijaya Sanjay Bardeo)

Dy. Controller of Explosives
कृत विस्फोटक नियंत्रक
For Controller of Explosives
वर्धा/Wardha

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट <http://peso.gov.in> देखें)
(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

फॉर्म XV
(प्रथम अनुसूची का अनुच्छेद 6 देखिए)
FORM XV
(see Article 6 of the First Schedule)



अधिष्ठापनों में पेट्रोलियम के आयात और भंडारण के लिए अनुमति
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

अनुमति सं. (Licence No.) : P/HQ/MH/15/6129(P294572)

फीस रूपरेखा (Fee Rs.) 15000/- per year

M/s. Dhariwal Infrastructure Ltd., C-6 Tadali, MIDC Growth Centre,, NA, Tadali, Chandrapur, Taluka: Nagbhir, District: CHANDRAPUR, State: Maharashtra, PIN: 442406 को निम्नलिखित पत्र द्वारा पेट्रोलियम 2000.00 KL आयात करने के लिए और उसका नीचे वर्णित और अनुमोदित नक्शा संख्या P/HQ/MH/15/6129(P294572) तारीख 29/10/2014 जो कि इससे उपाबंध है, में दिखाए गए स्थान पर भण्डारण के लिए पेट्रोलियम अधिनियम, 1934 के उपबन्धों या उसके अधीन बनाए गए नियमों तथा इस अनुमति की अतिरिक्त शर्तों के अधीन रहते हुए, यह अनुमति अनुदत्त की जाती है।

Licence is hereby granted to M/s. Dhariwal Infrastructure Ltd., C-6 Tadali, MIDC Growth Centre,, NA, Tadali, Chandrapur, Taluka: Nagbhir, District: CHANDRAPUR, State: Maharashtra, PIN: 442406 valid only for the importation and storage of 2000.00 KL Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No P/HQ/MH/15/6129(P294572) dated 29/10/2014 attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुमति 31st day of December 2022 तक प्रवृत्त रहेगी।
The Licence shall remain in force till the 31st day of December 2022

पेट्रोलियम का विवरण /Description of Petroleum	अनुमति मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	NIL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	2000.00 KL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	2000.00 KL

January 23, 2013

For Chief Controller of Explosives
HQ, Nagpur

अनुमति परिसरों का विवरण और अवस्थान
DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

अनुमति परिसर जिसकी विन्यास सोमाए अन्य विशिष्टताएं संलग्न अनुमोदित नक्शों में दिखाई गई हैं Plot No: Plot No.C-6,, M.I.D.C.Tadali,, Village-MIDC Tadali,, Taluka: Chandrapur, District: CHANDRAPUR, State: Maharashtra, PIN: 442406 स्थान पर अवस्थित है तथा उसमें निम्नलिखित Two aboveground petroleum class C(FO/LDO) storage tanks togetherwith connected facilities. सम्मिलित है।
The licensed premises, the layout, boundaries and other particulars of which are shown in the attached approved plan are situated at Plot No: Plot No.C-6,, M.I.D.C.Tadali,, Village-MIDC Tadali,, Taluka: Chandrapur, District: CHANDRAPUR, State: Maharashtra, PIN: 442406 and consists of Two aboveground petroleum class C(FO/LDO) storage tanks togetherwith connected facilities. together with connected facilities.

पृष्ठ सं. 2

अनुमति संख्या-(Licence No.) P/HQ/MH/15/6129 (P294572)

नवीनीकरण के पृष्ठांकन के लिए स्थान
SPACE FOR ENDORSEMENT OF RENEWALS

पेट्रोलियम अधिनियम, 1934 के उपबन्धों या उनके अधीन बनाए गए नियमों या इस अनुमति की शर्तों का उल्लंघन न होने की दशा में यह अनुमति फिस में बिना किसी छूट के दस वर्ष तक नवीकरणीय रहेगी।
 This licence shall be renewable without any concession in fee for ten years in the absence of contravention of any provisions of the Petroleum Act, 1934 or of the rules framed thereunder or of any of the conditions of this licence.

	नवीनीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry of license	अनुमति प्राधिकारी के हस्ताक्षर और स्टाम्प Signature and office stamp of the licencing authority.
1).	10/01/2014	31/12/2014	Sd/- C. G. Karambhe Dy. Chief Controller of Explosives For Controller of Explosives Wardha
2).	13/03/2015	31/12/2015	Sd/- H K Sharma Controller of Explosives Wardha
3).	10/11/2015	31/12/2016	Sd/- H K Sharma Controller of Explosives Wardha
4).	29/12/2016	31/12/2017	Sd/- H K Sharma Controller of Explosives Wardha
5).	15/01/2018	31/12/2022	 Mrs. Vijaya Sanjay Bardeo Dy. Controller of Explosives For Controller of Explosives Wardha विस्फोटक निबंधक, वर्धा Controller of Explosives, Wardha.

यदि अनुमति परिसर इसमें उपाबद्ध विवरण और शर्तों के अनुरूप नहीं पाए जाते हैं और जिन नियमों और शर्तों के अंतर्गत यह अनुमति मंजूर की गई है उनमें से किसी का उल्लंघन होने की दशा में यह अनुमति रद्द की जा सकती है और अनुमतिधारी प्रथम अपराध के लिए साधारण कारावास से, जो एक मास तक हो सकता है, या जुर्माने से, जो एक हजार रुपये तक हो सकता है, या दोनों से, और प्रत्येक पश्चात्तवर्ती अपराध के लिए साधारण कारावास से जो तीन मास तक हो सकता है, या जुर्माने से जो पांच हजार रुपये तक हो सकता है, या दोनों से, दण्डनीय होगा।

This licence is liable to be cancelled if the licensed premises are not found conforming to the description given on the approved plan attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable for the first offence with simple imprisonment which may be extend to one month, or with fine which may extend to one thousand rupees, or with both and for every subsequent offence with simple imprisonment which may extend to three months, or with fine which may extend to five thousand rupees or with both

लोकमत

शुक्रवार, दि. २२ जानेवारी २०१०

जाहीर सूचना

संबंधित नागरिकांना सूचित करण्यात येते की धारीवाल इन्फ्रास्ट्रक्चर यांच्या एम.आय.डी.सी. औद्योगिक वसाहत, गाव - तडाली, जि. चंद्रपूर, महाराष्ट्र येथील कोळशावर आधारित २x३०० मेगावॉट विद्युत प्रकल्पाकरिता पर्यावरणविषयक मंजूरी प्राप्त झालेली आहे व ह्याची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळ, यांचे कार्यालयात तसेच मिनिस्ट्री ऑफ एन्व्हायरनमेंट अँड फॉरेस्ट यांच्या वेबसाईटवर (<http://envfor.nic.in>) वर उपलब्ध आहे.

धारीवाल इन्फ्रास्ट्रक्चर प्रायव्हेट लिमिटेड

THE TIMES OF INDIA, NAGPUR *
FRIDAY, JANUARY 22, 2010

PUBLIC NOTICE

This is to inform all the concerned that 2 x 300 MW Coal Based Thermal Power Plant Project of Dhariwal Infrastructure (P) Ltd in MIDC Industrial Area, Village-Tadali, Dist-Chandrapur Maharashtra has been accorded Environmental Clearance and a copy of Clearance Letter is available with Maharashtra Pollution Control Board and also at website of Ministry of Environment and Forest at <http://envfor.nic.in>

**DHARIWAL INFRASTRUCTURE
PVT. LTD.**

Dhariwal Infrastructure Limited

C-6 Tadali Growth Centre,
M.I.D.C. Tadali,
Dist. Chandrapur
Maharashtra - 442 406
Tel.: +91 (7172) 645911
645912
645913
Fax: +91 (7172) 237992

Corp. Office : Room No#609 B, Lokmat Bhavan, Wardha Rd, Ramdaspath, Nagpur - 440012

Ref. No.: DIL/F- 01/10-11/

Date: 22.09.2011

To,
The Sarpanch,
Gram Panchayat, Morwa,
Taluka, Chandrapur,
District, Chandrapur.

Sub: Submission of copy of EC.

Dear Sir,

We would like to inform you that Dhariwal Infrastructure Limited has received Environmental Clearance from MoEF for setting up 2x300 MW power plant in MIDC Tadali, Chandrapur. We are enclosing copy of the EC for your ready reference.

Thanking you,

Yours faithfully,
For DHARIWAL INFRASTRUCTURE LTD.



Authorised Signatory

Encl : Copy of EC



श्रीराम
धरवाल

Enclosure-15

https://www.dilenergy.co.in/ec_compliance_rep
Cyberoam Captive Portal
Dhatrial Infrastructure Limi...

DHARIWAL INFRASTRUCTURE LIMITED

Home
Board of Directors
Vision and Core Values of RPSG Group
IMS Policy of DIL
Awards and Accolades
Environment Reports
EC Compliance Reports
Ash Stock Report
Regulatory - Tariff
DIL MTT Petition FY 2016-19_1225 of 2017
LIREC
Communications_Petition

EC Compliance Reports

[ENVIRONMENTAL CLEARANCE \(OIL-COMPLIANCE REPORT for the period from April 15 to September 15](#)

[ENVIRONMENTAL CLEARANCE \(OIL-COMPLIANCE REPORT for the period from October 15 to March 16](#)

[ENVIRONMENTAL CLEARANCE \(OIL-COMPLIANCE REPORT for the period from April 16 to September 16](#)

[ENVIRONMENTAL CLEARANCE \(OIL-COMPLIANCE REPORT for the period from October 16 to March 17](#)

[ENVIRONMENTAL CLEARANCE \(OIL-COMPLIANCE REPORT for the period from April 17 to Sep 17](#)

[ENVIRONMENTAL CLEARANCE \(OIL-COMPLIANCE REPORT for the period from October 17 to March 18](#)

[ENVIRONMENTAL CLEARANCE \(OIL-COMPLIANCE REPORT for the period from April 18 to September 18](#)

Environmental Statement

[Environmental statement 2015 to 2016](#)

[Environmental statement 2016 to 2017](#)

[Environmental statement 2017 to 2018](#)

333 PM
5/15/2019

RP - Sanjiv Goenka
Group
Growing Legacies



Dhariwal Infrastructure Limited

CIN : U70109WB2006PLC111457
E-mail : dhariwalinfrastructure@rp-sg.in

Ref: DIL/HSE/F-08/18-19/43

Date : 30.09.2018

To,
✓ The Member Secretary,
Maharashtra Pollution Control Board,
Kalpataru Point, 3rd Floor,
Sion Matunga Road No.8,
Opp. Sion Circle,
Sion East,
Mumbai-400022.

Sub: Submission of Environmental Statement for the financial year ending 31st March 2018.

Respected Sir,

We have submitted the online Annual Environment Statement for the financial year 2017-18 on MPCB Portal, the copy of the same attached herewith for your ready reference.

We hope you will find the same in order.

Thanking you,

Yours Faithfully,
For Dhariwal Infrastructure Limited.

Biplab Kar

(Biplab Kar)
GM (O&M)

647665041316 1711677707000000
SF 04-0004PLC 2.0 (442401)
Circular No. 04/2018, 18.11.17
To: MEMBER SECRETARY, MP PCB, SION EAST
Phone-000022, Sion East
From: P. 18186701, Dhariwal Inf.
www.dhawal.com
Anti-forgery Code: 1811677707000000
Check on www.dhawalinfrastructure.com
Date: 18/09/2018



CC:

1. The Regional Officer,
Maharashtra Pollution Control Board,
1st Floor, Udyog Bhawan,
Chandrapur (Maharashtra).

2. Sub Regional Officer,
Maharashtra Pollution Control Board,
1st Floor, Udyog Bhawan,
Chandrapur (Maharashtra).

Khuntia
4/10/18
Regional Officer
Udyog Bhawan 1st Floor
Chandrapur-442401

CHIRAL INFRA
202-57ug/m³ CO

CHIRAL INFRASTRUCTURE LIMITED
TEN COMMANDMENTS ON SAFETY

- 1) Follow Safety Rules.
- 2) Obey all safety instructions.
- 3) Report or Report Unsafe Conditions and Actions.
- 4) Do not work in a hazardous area until it is safe.
- 5) Do not use equipment on the site.

2019/5/15 20:47

5-05-2019 08:45
WJW3 PM25(2)=2.0

CHINA INFRASTRUCTURE LIMITED
TEN COMMANDMENTS ON SAFETY

- 1. Follow Safety Rules
- 2. Obey All Safety Instructions
- 3. Report Any Unsafe Conditions

2019/5/15 20:47