



**RP - Sanjiv Goenka  
Group**  
Growing Legacies



**Dhariwal Infrastructure Limited**

CIN : U70109WB2006PLC111457  
E-mail : dhariwalinfrastructure@rpsg.in

Ref. No.: DIL/HSE/F-09/19-20/78

Date: 29/11/2019

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 (1<sup>st</sup> April 2019 to 30<sup>th</sup> September 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 1<sup>st</sup> April 2019 to 30<sup>th</sup> September 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.**

*Soumen Barua*

(Soumen Barua)  
General Manager

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, 4<sup>th</sup> Floor,  
Matunga Road-08, Sion-(E),  
Sion Circle,  
Mumbai-400022.
3. **The Regional Officer**, (Hard Copy)  
Maharashtra Pollution Control Board,  
1<sup>st</sup> Floor, Udyog Bhavan,  
Near Bus Stand, Chandrapur-442401.

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**Environmental Compliance Report  
for  
the Period From  
1<sup>st</sup> April 2019 to 30<sup>th</sup> September 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 1<sup>st</sup> April 2019 to 30<sup>th</sup> September 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.	Noted.
(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 (April 2019 to September 2019) are enclosed herewith as <b>Enclosure-1</b>. Ground water quality in the study area is regularly analyzed and reports (April 2019 to September 2019) are enclosed herewith as <b>Enclosure -2</b>.</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 <b>CHP dust suppression, Bed Ash quenching, Bottom Ash conveying</b>. In this way we don't impact the ground water &amp; 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 <b>we don't have any control over it.</b></p>
(v)	Two Bi-Flue stacks of 275 m height shall be provided with continuous online monitoring equipments for SO <sub>x</sub> , NO <sub>x</sub> 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<sub>x</sub>, NO<sub>x</sub> 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 <sup>3</sup> .	<p>Yes, High Efficiency Electrostatic Precipitator (ESP) for unit 1&amp; 2 are commissioned and in operation. Both ESP's are designed to ensure that particulate emission does not exceed 50 mg/Nm<sup>3</sup>. The analysis reports of stack emission monitoring for both units are enclosed as <b>Enclosure-3</b></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. Besides we have Concreted about 3.05 KM roads inside plant premises and further construction of concrete roads in phased manner is under progress. Details &amp; Drawing of water sprinklers provided in CHP area are enclosed as <b>Enclosure-18.</b></p>
(viii)	Utilization of 100% Fly Ash generated shall be made from 4 <sup>th</sup> year of operation	<p>Yes, 100% Fly Ash generated is being taken by nearby cement plants and Brick</p>



	of the plant. Status of implementation shall be reported to the Regional Office of the Ministry from time to time.	Manufacturers for cement and Bricks manufacturing. Annual Ash Generation & Utilization report for the period from 1 <sup>st</sup> April 2018 to 31 <sup>st</sup> March 2019 submitted at your office is attached herewith as <b>Enclosure-9</b> .
(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 <sup>th</sup> 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 <b>Enclosure-4</b> .
(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 <b>Enclosure-10</b>
(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 <b>Enclosure-4</b>
(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 <b>Enclosure-4</b>
(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	Rain water harvesting pond is developed and through natural drains, rain water is regularly collected. We have permission



	appropriate rainwater harvesting technology within a period of three months from the date of clearance and details shall be furnished.	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 <b>Enclosure-11</b>
(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 <b>Enclosure-12</b> . 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 <b>Enclosure1&amp;2</b> 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



		<p>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 &amp; 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 1,37,500 trees are existing.</p> <p>The major existing trees (67,500) are Akeshiya, Imli, Karanj, Mahaneem, Neem, Nilgiri, Peltocofram, Sisam and Casia, casurina, Eucalyptus etc.</p> <p>The other existing trees (70,000) 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 &amp; Pandava), Vidya, X-mas tree, Yellow Bell, Bakul, Papaya, Sitaphal, Bel, Shahtut, Anar, Sevga, Amrud, Ber, Kher etc.</p> <p>Further Green belt enhancement is under progress, it is an ongoing process and it is being complied with the extent possible. Tree density is being complied.</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 for all. Regular first aid training is given to DIL staff &amp; contract workers including drivers.</p>
(xxi)	<p>Noise level emanating from turbines shall be so controlled such that the noise</p>	<p>We are regularly monitoring work place noise level at 25 locations including</p>

	<p>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>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 within 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 provided. Workers engaged in noisy areas such as turbine area, air compressors etc. are periodically examined &amp; 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 <b>Enclosure-5A&amp;5B.</b></p>
(xxii)	<p>Regular monitoring of ground level concentration of SO<sub>2</sub>, NO<sub>x</sub>, RSPM (PM<sub>10</sub>/PM<sub>2.5</sub>) 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.</p>	<p>Yes, regular ambient air quality monitoring at six locations is carried out and reports (April 2019 to September 2019) are enclosed herewith as <b>Enclosure -6.</b></p>
(xxiii)	<p>A good action plan for R&amp;R (if applicable) with package for the project affected persons be submitted and implemented as per prevalent R&amp;R policy within three months from the date of issue of this letter.</p>	<p>Not Applicable.</p>
(xxiv)	<p>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.</p>	<p>Road map is worked out for implementation of CSR activities. A partnership along with Zila Parishad, Chandrapur &amp; UNICEF for improving water &amp; 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.</p> <p>1.Training on Health &amp; Sanitation in</p>



		<p>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>3.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, we will carry out CSR activities with necessary resource as dictated by prevailing act and regulations. Details of CSR activities are attached as <b>Enclosure-7.</b></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. 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 &amp; 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</p>


		<p>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 <b>Enclosure-7.</b></p>
(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 <a href="http://envfor.nic.in">http://envfor.nic.in</a> .	<p>Yes, it is already complied. Copy of the same is attached as <b>Enclosure-13.</b></p> <p>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.</p>
(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.	<p>Yes, it is complied.</p> <p>Copy of the clearance letter sent to Gram Panchayat is attached herewith as <b>Enclosure-14.</b></p>
(xxix)	A separate Environment Management Cell with qualified staff shall be set up for implementation of the stipulated	Yes, separate Environment Management Cell with qualified staff is set up for implementation & maintaining the



	environmental safeguards.	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, RSPM (PM <sub>10</sub> /PM <sub>2.5</sub> ) SO <sub>2</sub> NO <sub>x</sub> (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.	Yes, it is complied. Status of compliance has been uploaded on company's website, i.e. <a href="http://www.dilenergy.co.in">www.dilenergy.co.in</a> 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 (PM <sub>10</sub> /PM <sub>2.5</sub> ) So <sub>2</sub> , and NO <sub>x</sub> (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 <b>Enclosure-17</b> for your ready reference. Screenshot of the website is attached herewith as <b>Enclosure-15</b> 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.
(xxxiii)	The environment statement for each financial /year ending 31 <sup>st</sup> 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.	Yes, Environment Statement for financial /year ending 31 <sup>st</sup> March 2019 is complied and submitted to MPCB. Acknowledged letter copy is enclosed herewith as <b>Enclosure -16</b> . Copy of the same has been uploaded on company's website, i.e. <a href="http://www.dilenergy.co.in">www.dilenergy.co.in</a> . Screenshot of the website is attached herewith as <b>Enclosure-15</b> 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	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. <a href="http://www.dilenergy.co.in">www.dilenergy.co.in</a> . Screenshot of the website is attached herewith as <b>Enclosure-15</b> for your

	same by e-mail to the Regional Office, Ministry of Environment and Forests.	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 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 slack & ambient air) shall be displayed at the main gate of the power plant.	Yes, will be complied time to time. Compliance status has been uploaded on company's website, i.e. <a href="http://www.dilenergy.co.in">www.dilenergy.co.in</a> . Screenshot of the website is attached herewith as <b>Enclosure-15</b> for your ready reference.
(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 <sup>st</sup> April 2019 to 30 <sup>th</sup> September 2019 were <b>427.5 lakhs</b> 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.**

  
(Soumen Barua)  
General Manager

Encl. : As above



# ENCLOSURE - 1

## GROUND WATER LEVEL STATUS

May - 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 Zittraji Wadai Farm	DIL 1	27-05-2019	2.55	9.5	8.20	0.8	7.4
2.	Village- Sonegaon	Grampanchayat Dugwell, Near Hanuman Mandir	DIL 2	27-05-2019	4.10	9.8	8.30	0.8	7.5
3.	Village- Sonegaon	Borewell of Shri Kundlik Vishwanath Urkude,	DIL 3	27-05-2019	0.16	80.0	7.50	0.1	7.4
4.	Village- Yerur	Dugwell of Shri Ravindra Pandurangji Balki	DIL 4	27-05-2019	6.0	9.5	8.70	0.1	8.60
5.	Village- Wandhari	Borewell Water of Hanuman Mandir	DIL 5	27-05-2019	5.0	10.3	8.90	0.2	8.70
6.	Village- Yerur	Grampanchayat Dugwell near Primary School	DIL 6	27-05-2019	4.95	11.0	8.70	0.7	8.0
7.	Village- Ghodpeth	Dugwell of Shiv Mandir	DIL 7	27-05-2019	4.50	9.0	8.30	0.6	7.70

8.	Village- Tadali	Grampanchayat Dugwell Near Z. P. Primary School	DIL 8	27-05-2019	3.65	12.35	11.2	0.8	10.4
9.	Village- Morwa	Dugwell near Jagnath Baba Mandir	DIL 9	27-05-2019	2.40	14.80	10.9	0.8	10.1
10.	Village- Mursa	Grampanchayat. Dugwell near Z.P. Primary School	DIL 10	27-05-2019	7.0	10.8	5.60	4.4	1.20
11.	Village- Wadha	Intake Well	DIL 11	27-05-2019	11.0	21.8	18.7	0.50	18.2
12.	MIDC, Tadali	Near Recovery Pump House-II, PZ-1	DIL 12	27-05-2019	0.12	30.5	7.0	0.30	6.7
13.	MIDC, Tadali	Near Recovery Pump House-II, PZ-2	DIL 13	27-05-2019	0.12	30.5	6.70	0.30	6.4
14.	MIDC, Tadali	Ash Pond II, PZ-3	DIL 14	27-05-2019	0.12	30.5	8.50	0.70	7.8
15.	MIDC, Tadali	Near Railway Crossing of WB-2, PZ-4	DIL 15	27-05-2019	0.12	30.5	5.30	0.80	4.5
16.	MIDC, Tadali	Near ETP Security Post, PZ-5	DIL 16	27-05-2019	0.12	30.5	6.10	0.90	5.2
17.	MIDC, Tadali	Near AAQMS Cabin-3, PZ-6	DIL 17	27-05-2019	0.12	30.5	6.30	0.90	5.4
18.	MIDC, Sakharwahi	Dugwell Water from Shri Ravindra Bhagwat Farm	DIL 18	27-05-2019	3.6	7.6	6.30	0.70	5.6
Note: All the above Ground Water Level Analysis were done by MOEF Approved 3 <sup>rd</sup> party M/s Earth care Pvt. Ltd.									



# August – 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	24-08-2019	2.55	9.5	7.80	0.8	7.0
2.	Village- Sonegaon	Grampanchayat Dugwell, Near Hanuman Mandir	DIL 2	24-08-2019	4.10	9.8	7.20	0.8	6.4
3.	Village- Sonegaon	Borewell of Shri Kundlik Vishwanath Urkude,	DIL 3	24-08-2019	0.16	80.0	4.20	0.1	4.1
4.	Village- Yerur	Dugwell of Shri Ravindra Pandurangji Balki	DIL 4	24-08-2019	6.0	9.5	7.40	0.1	7.3
5.	Village- Wandhari	Borewell Water of Hanuman Mandir	DIL 5	24-08-2019	5.0	10.3	6.90	0.2	6.7
6.	Village- Yerur	Grampanchayat Dugwell near Primary School	DIL 6	24-08-2019	4.95	11.0	2.70	0.7	2.0
7.	Village- Ghodpeth	Dugwell of Shiv Mandir	DIL 7	24-08-2019	4.50	9.0	2.40	0.6	1.8
8.	Village- Tadali	Grampanchayat Dugwell Near Z. P. Primary School	DIL 8	24-08-2019	3.65	12.35	2.20	0.8	1.4
9.	Village- Morwa	Dugwell near Jagnath Baba Mandir	DIL 9	24-08-2019	2.40	14.80	2.80	0.8	2.0
10.	Village- Mursa	Grampanchayat.	DIL	24-08-2019	7.0	10.8	5.40	4.4	1.0

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)
		Dugwell near Z.P. Primary School	10						
11.	Village- Wadha	Intake Well	DIL 11	24-08-2019	11.0	21.8	9.20	0.50	8.7
12.	MIDC, Tadali	Near Recovery Pump House-II, PZ-1	DIL 12	24-08-2019	0.12	30.5	2.50	0.30	2.2
13.	MIDC, Tadali	Near Recovery Pump House-II, PZ-2	DIL 13	24-08-2019	0.12	30.5	2.20	0.30	1.9
14.	MIDC, Tadali	Ash Pond II, PZ-3	DIL 14	24-08-2019	0.12	30.5	6.70	0.70	6.0
15.	MIDC, Tadali	Near Railway Crossing of WB-2, PZ-4	DIL 15	24-08-2019	0.12	30.5	3.90	0.80	3.1
16.	MIDC, Tadali	Near ETP Security Post, PZ-5	DIL 16	24-08-2019	0.12	30.5	4.50	0.90	3.6
17.	MIDC, Tadali	Near AAQMS Cabin-3, PZ-6	DIL 17	24-08-2019	0.12	30.5	4.20	0.90	3.30
18.	MIDC, Sakharwahi	Dugwell Water from Shri Ravindra Bhagwat Farm	DIL 18	24-08-2019	3.6	7.6	6.30	0.70	5.6
Note: All the above Ground Water Level Analysis were done by MOEF Approved 3 <sup>rd</sup> 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 Zittraji Wadai Farm, Village- Pandharkawda )	Borewell Water (Mr. 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)
1.	Colour, Hazen units	5/15	25-05-2019 1.0	25-05-2019 1.0	25-05-2019 1.0	25-05-2019 1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.39	7.69	7.30	7.84
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	0.32	0.78	0.92	0.87
6.	Total dissolved solids, mg/l	500/2000	1284.0	782.0	720.0	678.0
7.	Boron (as B) mg/l	0.5/1.0	0.15	<0.03	<0.03	<0.03
8.	Calcium (as Ca), mg/l	75/200	152.0	72.0	72.0	49.6
9.	Chloride (as Cl), mg/l	250/1000	294.9	234.9	244.9	43.9
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	0.63	1.15	1.28
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1	<0.1

13	Iron (as Fe), mg/l	1.0	0.18		<0.05	<0.05	<0.05
14	Magnesium (as Mg), mg/l	30/100	26.8		36.5	34.0	19.5
15	Manganese (as Mn), mg/l	0.1/0.3	<0.01		<0.05	<0.01	<0.01
16	Nitrate (as NO <sub>3</sub> ), mg/l	45	27.1		11.5	14.6	11.7
17	Sulphate (as SO <sub>4</sub> ), mg/l	200/400	198.0		146.2	154.8	159.2
18	Total Alkalinity (as CaCO <sub>3</sub> )mg/l	200/600	285.0		230.0	355.0	255.0
19	Total Hardness( as CaCO <sub>3</sub> ) mg/l	300/600	490.0		270.0	320.0	204.0
20	Zinc (as Zn) mg/l	5/15	0.06		<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	0.001	<0.001		<0.001	<0.001	<0.001
23	Total Arsenic (as As) mg/l	0.01/0.05	<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
<p>Note: 1) All the above Ground Water Quality Analysis were done by MOEF Approved 3<sup>rd</sup> party M/s Earth care Pvt. Ltd.</p> <p>2) Information given to local panchayat through DIL CSR team for the necessary treatment &amp; assistance.</p>							



Sr. No.	Parameters	Acceptable / Permissible Limit (IS 10500: 2012 )	Concentration			
			Location			
			Dugwell Water of Hanuman Mandir , Village- Wandhri	Dugwell Water ( Near Jagnath Baba Mandir, Morwa )	Dugwell Water (Shiv Mandir, Village – Ghodpeth)	Dugwell Water (Grampanchayat Dugwell Near ZP Primary School, Village – Tadali)
1.	Colour, Hazen units	5/15	25-05-2019 1.0	25-05-2019 1.0	25-05-2019 1.0	25-05-2019 1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.48	7.60	7.69	7.83
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	0.89	0.32	0.14	<0.1
6.	Total dissolved solids, mg/l	500/2000	1145.0	559.0	588.0	719.0
7.	Boron (as B) mg/l	0.5/1.0	<0.03	<0.03	<0.03	<0.03
8.	Calcium (as Ca), mg/l	75/200	96.0	64.0	72.0	64.0
9.	Chloride (as Cl), mg/l	250/1000	229.9	37.9	19.5	204.5
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	1.32	0.65	1.13	0.93
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1	<0.1

13	Iron (as Fe), mg/l	1.0	0.47		<0.05	<0.05	0.31
14	Magnesium (as Mg), mg/l	30/100	26.8		29.2	21.9	38.9
15	Manganese (as Mn), mg/l	0.1/0.3	<0.01		<0.01	<0.01	<0.01
16	Nitrate (as NO <sub>3</sub> ), mg/l	45	18.3		5.89	6.15	22.3
17	Sulphate (as SO <sub>4</sub> ), mg/l	200/400	169.0		57.5	161.7	93.9
18	Total Alkalinity (as CaCO <sub>3</sub> ) mg/l	200/600	295.0		195.0	215.0	295.0
19	Total Hardness (as CaCO <sub>3</sub> ) mg/l	300/600	430.0		280.0	220.0	320.0
20	Zinc (as Zn) mg/l	5/15	<0.04		<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	0.001	<0.001		<0.001	<0.001	<0.001
23	Total Arsenic (as As) mg/l	0.01/0.05	<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 3<sup>rd</sup> 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	25-05-2019 1.0	25-05-2019 1.0	25-05-2019 1.0	25-05-2019 1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.93	7.50	7.83	7.89
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	0.73	0.24	0.87	0.85
6.	Total dissolved solids, mg/l	500/2000	467.0	458.0	489.0	493.0
7.	Boron (as B) mg/l	0.5/1.0	<0.03	0.14	0.08	<0.03
8.	Calcium (as Ca), mg/l	75/200	72.0	64.0	73.6	60.0
9.	Chloride (as Cl), mg/l	250/1000	42.9	79.9	184.9	37.9
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	0.51	0.729	0.82	0.95
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1	<0.1

13	Iron (as Fe), mg/l	1.0	<0.05	0.08	<0.05	<0.05
14	Magnesium (as Mg), mg/l	30/100	4.87	24.3	20.4	9.74
15	Manganese (as Mn), mg/l	0.1/0.3	<0.01	<0.01	<0.01	<0.01
16	Nitrate (as NO <sub>3</sub> ), mg/l	45	1.55	0.93	0.31	1.46
17	Sulphate (as SO <sub>4</sub> ), mg/l	200/400	132.9	168.0	189.0	93.5
18	Total Alkalinity (as CaCO <sub>3</sub> ) mg/l	200/600	125.0	35.0	155.0	180.0
19	Total Hardness (as CaCO <sub>3</sub> ) mg/l	300/600	200.0	260.0	268.0	190.0
20	Zinc (as Zn) mg/l	5/15	<0.04	<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	0.001	<0.001	<0.001	<0.001	<0.001
23	Total Arsenic (as As) mg/l	0.01/0.05	<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 3<sup>rd</sup> 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 from Shri. Ravindra Bhagwat Farm Village-Sakharwahi
			Ash Pond II, PZ-3	Near Railway Crossing of WB-2, PZ-4	Near ETP Security Post, PZ-5	
1.	Colour, Hazen units	5/15	25-05-2019 2.0	25-05-2019 1.0	25-05-2019 1.0	25-05-2019 1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	8.0	8.04	7.77	8.17
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	3.70	0.96	0.93	0.21
6.	Total dissolved solids, mg/l	500/2000	464.0	479.0	458.0	492.0
7.	Boron (as B) mg/l	0.5/1.0	<0.03	0.08	<0.03	<0.03
8.	Calcium (as Ca), mg/l	75/200	48.0	25.6	72.0	68.0
9.	Chloride (as Cl), mg/l	250/1000	38.5	84.9	62.9	19.5
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	0.82	1.37	0.87	1.27
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1	<0.1
13.	Iron (as Fe), mg/l	1.0	<0.05	<0.05	<0.05	<0.05
14.	Magnesium (as Mg), mg/l	30/100	17.0	11.2	24.3	24.3
15.	Manganese (as Mn), mg/l	0.1/0.3	<0.01	<0.01	<0.01	<0.01

16	Nitrate (as NO <sub>3</sub> ), mg/l	45	<0.2	1.15	0.96	5.39
17	Sulphate (as SO <sub>4</sub> ), mg/l	200/400	153.6	136.0	148.2	70.4
18	Total Alkalinity (as CaCO <sub>3</sub> )mg/l	200/600	180.0	75.0	105.0	185.0
19	Total Hardness (as CaCO <sub>3</sub> ) mg/l	300/600	190.0	110.0	280.0	270.0
20	Zinc (as Zn) mg/l	5/15	<0.04	<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	0.001	<0.001	<0.001	<0.001	<0.001
23	Total Arsenic (as As) mg/l	0.01/0.05	<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 3<sup>rd</sup> 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 (Mr. Pandari Zitiraji 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)
1.	Colour, Hazen units	5/15	24-08-2019 1.0	24-08-2019 1.0	24-08-2019 1.0	24-08-2019 1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.46	7.57	7.36	7.22
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	<0.1	0.13	0.34	0.61
6.	Total dissolved solids, mg/l	500/2000	742.0	682.0	488.0	1032.0
7.	Boron (as B) mg/l	0.5/1.0	0.12	<0.06	<0.06	<0.06
8.	Calcium (as Ca) ,mg/l	75/200	93.1	82.4	62.5	73.2
9.	Chloride (as Cl), mg/l	250/1000	152.3	109.4	104.7	185.6
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	0.66	1.09	1.21	1.05
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1	<0.1

13	Iron (as Fe), mg/l	1.0	0.16		<0.05	<0.05	<0.05
14	Magnesium (as Mg), mg/l	30/100	45.5		23.2	20.4	33.4
15	Manganese (as Mn), mg/l	0.1/0.3	<0.01		<0.01	<0.01	<0.01
16	Nitrate (as NO <sub>3</sub> ), mg/l	45	16.1		10.9	14.0	13.1
17	Sulphate (as SO <sub>4</sub> ), mg/l	200/400	109.4		116.2	70.1	156.0
18	Total Alkalinity (as CaCO <sub>3</sub> )mg/l	200/600	186.8		202.0	126.2	308.0
19	Total Hardness( as CaCO <sub>3</sub> ) mg/l	300/600	419.8		301.5	240.4	320.6
20	Zinc (as Zn) mg/l	5/15	0.05		<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	0.001	<0.001		<0.001	<0.001	<0.001
23	Total Arsenic (as As) mg/l	0.01/0.05	<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 3<sup>rd</sup> 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	24-08-2019 1.0	24-08-2019 1.0	24-08-2019 1.0	24-08-2019 1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.34	7.58	7.39	8.04
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	0.96	0.17	0.59	0.44
6.	Total dissolved solids, mg/l	500/2000	742.0	459.0	437.0	486.0
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	68.7	65.6	62.5	76.3
9.	Chloride (as Cl), mg/l	250/1000	128.5	45.7	24.7	83.7
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	1.47	0.85	1.40	1.04
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1	<0.1

13	Iron (as Fe), mg/l	1.0	0.38	<0.05	<0.05	<0.05
14	Magnesium (as Mg), mg/l	30/100	31.5	20.4	17.6	24.2
15	Manganese (as Mn), mg/l	0.1/0.3	<0.01	<0.01	<0.01	<0.01
16	Nitrate (as NO <sub>3</sub> ), mg/l	45	12.9	6.10	7.20	16.6
17	Sulphate (as SO <sub>4</sub> ), mg/l	200/400	142.0	64.2	106.3	90.5
18	Total Alkalinity (as CaCO <sub>3</sub> ) mg/l	200/600	196.9	171.7	131.3	106.0
19	Total Hardness (as CaCO <sub>3</sub> ) mg/l	300/600	301.5	248.0	229.0	290.1
20	Zinc (as Zn) mg/l	5/15	<0.04	<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	0.001	<0.001	<0.001	<0.001	<0.001
23	Total Arsenic (as As) mg/l	0.01/0.05	<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 3<sup>rd</sup> 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	24-08-2019 3.0	24-08-2019 1.0	24-08-2019 1.0	24-08-2019 1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	8.28	7.94	7.38	7.78
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	4.92	0.65	0.61	1.15
6.	Total dissolved solids, mg/l	500/2000	229.0	456.0	467.0	462.0
7.	Boron (as B) mg/l	0.5/1.0	<0.06	0.16	<0.06	<0.06
8.	Calcium (as Ca), mg/l	75/200	30.5	20.6	61.0	70.2
9.	Chloride (as Cl), mg/l	250/1000	24.7	32.9	89.4	39.9
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	0.46	1.08	1.26	1.43
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1	<0.1



13	Iron (as Fe), mg/l	1.0	<0.05	0.03	<0.05	<0.05
14	Magnesium (as Mg), mg/l	30/100	18.6	9.75	40.9	16.7
15	Manganese (as Mn), mg/l	0.1/0.3	<0.01	<0.01	<0.01	<0.01
16	Nitrate (as NO <sub>3</sub> ), mg/l	45	6.43	0.83	1.41	0.35
17	Sulphate (as SO <sub>4</sub> ), mg/l	200/400	39.7	116.2	115.3	151.2
18	Total Alkalinity (as CaCO <sub>3</sub> ) mg/l	200/600	131.3	156.5	85.8	146.4
19	Total Hardness (as CaCO <sub>3</sub> ) mg/l	300/600	152.7	91.5	320.6	244.3
20	Zinc (as Zn) mg/l	5/15	<0.04	<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	0.001	<0.001	<0.001	<0.001	<0.001
23	Total Arsenic (as As) mg/l	0.01/0.05	<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 3<sup>rd</sup> 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 from Shri. Ravindra Bhagwat Farm Village-Sakharwahi
			Ash Pond II, PZ-3	Near Railway Crossing of WB-2, PZ-4	Near ETP Security Post, PZ-5	
1.	Colour, Hazen units	5/15	24-08-2019 1.0	24-08-2019 1.0	24-08-2019 1.0	24-08-2019 1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.68	7.86	7.97	3.06
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	0.78	0.46	1.0	0.93
6.	Total dissolved solids, mg/l	500/2000	445.0	471.0	482.0	390.0
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	70.2	17.5	19.1	48.3
9.	Chloride (as Cl), mg/l	250/1000	38.1	34.7	36.6	104.7
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	1.40	1.09	1.15	1.42
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1	<0.1
13.	Iron (as Fe), mg/l	1.0	<0.05	<0.05	<0.05	<0.05
14.	Magnesium (as Mg), mg/l	30/100	20.4	13.1	11.6	22.3
15.	Manganese (as Mn), mg/l	0.1/0.3	<0.01	<0.01	<0.01	<0.01

16	Nitrate (as NO <sub>3</sub> ), mg/l	45	0.40	0.32	0.23	17.1
17	Sulphate (as SO <sub>4</sub> ), mg/l	200/400	116.2	127.2	115.3	87.1
18	Total Alkalinity (as CaCO <sub>3</sub> )mg/l	200/600	166.6	166.6	186.8	65.6
19	Total Hardness (as CaCO <sub>3</sub> ) mg/l	300/600	259.5	97.3	95.4	213.7
20	Zinc (as Zn) mg/l	5/15	<0.04	<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	0.001	<0.001	<0.001	<0.001	<0.001
23	Total Arsenic (as As) mg/l	0.01/0.05	<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 3<sup>rd</sup> party M/s Earth care Pvt. Ltd.

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





# ENCLOSURE - 3

## STACK EMISSION QUALITY STATUS APRIL-19 TO SEPTEMBER-19

Sr. No.	Parameters	Concentration									
		APR-19		MAY-19		JUN-19		JUL-19	AUG-19	SEPT-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 <sup>3</sup>	20.5	26.8	21.0	28.1	20.3	31.1	31.7	26.6	30.6	
2.	Sulphur Dioxide as SO <sub>2</sub> , mg/ Nm <sup>3</sup>	1687.6	1456.1	1636.8	1337.1	1890.8	1544.0	1680.4	1712.2	1510.0	
3.	Sulphur Dioxide as SO <sub>2</sub> , Kg/Hr	1504.8	1762.5	1231.7	1620.9	1590.9	1845.7	1714.3	2042.7	1436.7	
4.	Oxides of Nitrogen as NO <sub>2</sub> , mg/Nm <sup>3</sup>	683.2	147.9	455.2	261.2	552.0	222.0	203.3	267.1	247.8	
5.	Oxides of Nitrogen as NO <sub>2</sub> , ppm	363.2	78.6	241.9	138.8	293.4	117.9	108.1	141.9	131.7	
6.	Mercury as Hg, mg/Nm <sup>3</sup>	0.007	0.006	0.005	0.004	0.006	0.003	0.002	0.003	0.002	
Note: All the above Stack monitoring & Analysis were done by MOEF Approved 3 <sup>rd</sup> party M/s Earth care Pvt. Ltd. * Unit-I was under shutdown from Jul-19 to Sept-19.											

STACK EMISSION QUALITY STATUS – APRIL-19 TO SEPTEMBER-19									
Sr. No	Parameters	APRIL - 2019				JULY-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 <sup>3</sup>	38.4	35.5	40.4	34.0	33.8	32.1	36.7	35.6
2.	Sulphur Dioxide as SO <sub>2</sub> , mg/ Nm <sup>3</sup>	232.3	293.3	238.8	289.1	196.2	264.2	184.6	252.6
3.	Sulphur Dioxide as SO <sub>2</sub> , Kg/Hr	0.43	0.58	0.45	0.54	0.43	0.56	0.42	0.48
4.	Oxides of Nitrogen as NO <sub>2</sub> ,mg/Nm <sup>3</sup>	210.1	221.3	213.7	215.8	183.9	216.4	191.3	217.
5.	Oxides of Nitrogen as NO <sub>2</sub> , ppm	111.7	117.7	113.6	114.7	93.7	115.0	101.7	115.4

# ENCLOSURE -4

## EFFLUENT QUALITY STATUS

EFFLUENT QUALITY MONITORING REPORT - APRIL-19 TO SEPTEMBER-19									
Sr. No.	Parameter	NORMS	ETP Outlet						
1.	PH	5.5 to 9.0	APR-19	MAY-19	JUN-19	JUL-19	AUG-19	SEPT-19	
2.	Total Suspended Solid	100 mg/l	7.18	7.40	7.36	7.60	7.23	7.46	
3.	Oil & Grease	10 mg/l	4.0	10.0	6.8	8.0	2.80	4.0	
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	4.0	3.0	3.4	6.20	5.0	3.0	
6.	Total Dissolved Solid	2100 mg/l	55.0	60.0	52.4	168.7	140	124	
Note: The Effluent Quality monitoring done MOEF approved 3rd party M/s Earth care Pvt. Ltd.			15±6.0	1602.0	1776.0	1860.0	1490	1798	



Effluent Quality Monitoring report APRIL-19 to SEPTEMBER-19														
Sl.No.	Parameter	Norms	Condenser cooling Water											
			APR-19		MAY-19		JUN-19		JUL-19		AUG-19		SEPT-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
1	PH	5.5 - 9.0	7.08	7.06	7.88	7.72	7.60	7.49	*	7.70	*	7.58	*	7.72
2	Temp.	<5°C higher than Intake water	3.0	4.0	1.0	2.0	2	3	*	4.0	*	4.0	*	4.0
3	Free Available Chlorine	0.5 mg/l	<0.1	0.20	0.4	0.3	0.2	0.1	*	<0.1	*	<0.1	*	<0.1
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 APRIL-19 to SEPTEMBER-19**

Sl.No.	Parameter	Norms	APR-19		MAY-19		JUN-19		JUL-19		AUG-19		SEPT-19	
1	Total Suspended solid	100 mg/l	unit - I	unit - II	unit - I	unit - II	unit - I	unit - II	unit - I	unit - II	unit - I	unit - II	unit - II	
			3.20	5.60	2.0	2.4	1.6	3.2	*	2.0	*	2.8	*	7.2
			<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	*	<0.2	*	<0.2	*	<0.2
			0.03	<0.01	<0.05	<0.05	0.06	0.04	*	0.05	*	0.06	*	0.08
4	Iron(Total),mg/l	1 mg/l	0.1	0.26	0.11	0.17	0.12	0.18	*	0.16	*	0.14	*	0.12
Note:	The Effluent Quality monitoring done by MoEF approved M/s Earth care Pvt. Ltd. * Unit-I was under shutdown.													

Effluent Quality Monitoring report From APRIL-19 to SEPTEMBER-19														
Sl.No.	Parameter	Norms												



Effluent Quality Monitoring report From APRIL-19 to SEPTEMBER-19									
Sl.No.	Parameter	unit	Ash Pond						
			APR-19	MAY-19	JUN-19	JUL-19	AUG-19	SEPT-19	
1	PH	--	8.05	8.20	6.95	8.31	8.3	8.39	
2	Oil & grease	mg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
3	TSS	mg/l	6.40	14.8	34.4	18.0	14.0	22.0	
4	Lead (As Pb)	mg/l	0.01	0.02	0.03	0.04	0.05	0.08	
5	Mercury (As Hg)	mg/l	0.005	0.004	0.005	0.006	0.006	0.006	
6	Total Chromium (As Cr)	mg/l	<0.01	<0.01	0.02	0.02	0.03	0.04	
7	Total Arsenic (As As)	mg/l	<0.01	0.01	0.01	0.02	0.03	0.03	
Note:	Effluent Quality Monitoring done by MoEF approved 3rd Party M/s Earth care Pvt. Ltd.								

Effluent Quality Monitoring report From APRIL-19 to SEPTEMBER-19														
Sl.No.	Parameter	Norms	Unit	STP Treated Effluent					APR-19	MAY-19	JUN-19	JUL-19	AUG-19	SEPT-19
1	PH	5.5 to 9.0							7.08	7.61	7.92	7.50	6.92	7.62
2	Total Suspended Solids (TSS)	100	mg/L						22.0	15.2	30.0	6.0	26.0	18.0
3	BOD	100	mg/L						13.0	12.0	26.0	22.0	29.0	23.0
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 & RWHPond )		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)	APR-2019	Leq	63.8	55.5	66.7	59.0	63.6
	MAY-2019	Leq	65.6	55.2	64.0	57.4	61.5
	JUN-2019	Leq	60.6	53.3	64.7	56.1	61.8
	JUL-2019	Leq	64.6	54.7	63.2	55.9	59.8
	AUG-2019	Leq	56.0	48.8	60.3	53.3	55.4
	SEPT-2019	Leq	60.4	52.1	61.2	52.1	57.9
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			JULY-19		APRIL-19	
Parameters	Sr. No.	Location	Norms	Reading	Norms	Reading
Noise Level in dB (A)	1	ID Fan U#1	85	74.3	85	82.2
	2	ID Fan U#2	85	80.1	85	82.4
	3	FD Fan U#1	85	70.2	85	77.8
	4	FD Fan U#2	85	77.6	85	80.4
	5	TG-12 mtr U#1	85	77	85	78.4
	6	TG-12 mtr U#2	85	76.9	85	81.7
	7	MOT tank (TG-6 mtr. U#1)	85	77.2	85	76.3
	8	MOT tank (TG-6 mtr. U#2)	85	81.4	85	78.1
	9	DG Compressor	85	80.8	85	84.5

Month			JULY-19		APRIL-19	
Parameters	Sr. No.	Location	Norms	Reading	Norms	Reading
Noise Level in dB (A)	10	AHP Compressor Room	85	81.5	85	84.2
	11	Boiler-1 # 12 mtr.	85	75.1	85	79.7
	12	Boiler-2 # 12 mtr.	85	77.8	85	82.3
	13	BFP TG-1 Unit#1	85	77.4	85	82.1
	14	BFP TG-2 Unit#2	85	82.5	85	82.3
	15	Crusher House	85	81.9	85	82.1
	16	Screen floor	85	77.8	85	79.8
	17	DSS Pump house	85	63.4	85	68.6
Note: Workplace Noise Quality Monitoring done by MoEF approved 3rd Party M/s Earth care Pvt. Ltd.						

Month			JULY-19		APRIL-19	
Parameters	Sr. No.	Location	Norms	Reading	Norms	Reading
Noise Level in dB (A)	18	Ash Slurry Pump House	85	77.1	85	76.5
	19	LDO Pump house	85	76.8	85	77.2
	20	CW Pump house	85	79.2	85	76.5
	21	Mill-1	85	74.4	85	77.4
	22	Mill-2	85	78.5	85	80.2
	23	Chiller area	85	66.1	85	79.7
	24	Wagon Tippler	85	71.2	85	75.8
	25	Fire Pump house	85	77.2	85	73.0
Note: Workplace 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					
				APR-2019	MAY-2019	JUN-2019	JUL-2019	AUG-2019	SEP-2019
1.	Sulphur Dioxide (SO <sub>2</sub> ) µg/m <sup>3</sup>	80	Annual	10.5	12.6	12.9	11.8	8.52	6.80
2.	Nitrogen Dioxide (NO <sub>2</sub> ) µg/m <sup>3</sup>	80	Annual	28.3	27.6	28.2	20.5	17.8	11.6
3.	Particulate Matter of size less than 10 µm (PM <sub>10</sub> ) µg/m <sup>3</sup>	100	Annual	53.7	59.2	58.5	57.7	26.9	20.6
4.	Particulate Matter of size less than 2.5 µm (PM <sub>2.5</sub> )µg/m <sup>3</sup>	60	Annual	35.2	36.3	31.2	33.1	13.4	8.80
5.	Ozone (O <sub>3</sub> ) (µg/m <sup>3</sup> )	100	8 Hrs	20.1	20.8	20.1	17.3	15.4	8.26
6.	Lead (Pb) (µg/m <sup>3</sup> )	0.5	Annual	0.08	0.07	0.05	0.05	0.04	0.01
7.	Carbon Monoxide (CO) (mg/m <sup>3</sup> )	2	8 Hrs	0.26	0.24	0.26	0.20	0.16	0.14
8.	Ammonia (NH <sub>3</sub> ) (µg/m <sup>3</sup> )	100	Annual	11.4	10.8	9.97	10.1	7.94	6.43
9.	Benzene (C <sub>6</sub> H <sub>6</sub> ) (µg/m <sup>3</sup> )	5	Annual	3.84	3.92	3.86	3.32	3.24	2.70
10.	Benzo(a) Pyrene (BaP) (ng/m <sup>3</sup> )	1	Annual	0.82	0.86	0.93	0.70	0.62	0.58
11.	Arsenic (As) (ng/m <sup>3</sup> )	6	Annual	2.53	2.58	2.60	2.32	2.10	1.89
12.	Nickel (Ni) (ng/m <sup>3</sup> )	20	Annual	9.52	9.87	9.32	8.46	7.36	5.47
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3 <sup>rd</sup> party M/s Earth care Pvt. Ltd.									

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

Sr. No.	Parameters	Norms	TWA	Concentration					
				APR-2019	MAY-2019	JUN-2019	JUL-2019	AUG-2019	SEP-2019
1.	Sulphur Dioxide (SO <sub>2</sub> ) µg/m <sup>3</sup>	80	Annual	11.4	14.0	12.7	12.1	9.56	7.40
2.	Nitrogen Dioxide (NO <sub>2</sub> ) µg/m <sup>3</sup>	80	Annual	27.2	30.6	27.1	24.3	18.7	14.8
3.	Particulate Matter of size less than 10 µm (PM <sub>10</sub> ) µg/m <sup>3</sup>	100	Annual	55.5	56.6	59.3	53.1	33.6	23.8
4.	Particulate Matter of size less than 2.5 µm (PM <sub>2.5</sub> ) µg/m <sup>3</sup>	60	Annual	31.4	27.6	34.4	27.1	18.5	11.3
5.	Ozone (O <sub>3</sub> ) (µg/m <sup>3</sup> )	100	8 Hrs	18.5	17.2	16.6	15.8	14.9	7.30
6.	Lead (Pb) (µg/m <sup>3</sup> )	0.5	Annual	0.03	0.04	0.03	0.02	0.03	0.01
7.	Carbon Monoxide (CO) (mg/m <sup>3</sup> )	2	8 Hrs	0.22	0.20	0.19	0.18	0.14	0.12
8.	Ammonia (NH <sub>3</sub> ) (µg/m <sup>3</sup> )	100	Annual	9.36	9.96	8.84	10.3	7.75	5.42
9.	Benzene (C <sub>6</sub> H <sub>6</sub> ) (µg/m <sup>3</sup> )	5	Annual	3.64	3.58	3.46	3.27	2.95	2.67
10.	Benzo(a) Pyrene (BaP) (ng/m <sup>3</sup> )	1	Annual	0.74	0.72	0.68	0.63	0.58	0.54
11.	Arsenic (As) (ng/m <sup>3</sup> )	6	Annual	2.54	2.57	2.55	2.41	2.10	1.84
12.	Nickel (Ni) (ng/m <sup>3</sup> )	20	Annual	8.47	9.01	8.36	7.92	6.30	5.13
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3 <sup>rd</sup> party M/s Earth care Pvt. Ltd									

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

Sr. No.	Parameters	Norms	TWA	Concentration					
				APR-2019	MAY-2019	JUN-2019	JUL-2019	AUG-2019	SEP-2019
1.	Sulphur Dioxide (SO <sub>2</sub> ) µg/m <sup>3</sup>	80	Annual	12.3	12.8	13.3	11.7	8.37	7.40
2.	Nitrogen Dioxide (NO <sub>2</sub> ) µg/m <sup>3</sup>	80	Annual	29.4	25.4	25.7	25.2	16.3	15.9
3.	Particulate Matter of size less than 10 µm (PM <sub>10</sub> ) µg/m <sup>3</sup>	100	Annual	55.5	57.2	58.3	52.7	26.5	22.3
4.	Particulate Matter of size less than 2.5 µm (PM <sub>2.5</sub> ) µg/m <sup>3</sup>	60	Annual	27.1	28.6	30.5	25.1	18.5	9.70
5.	Ozone (O <sub>3</sub> ) (µg/m <sup>3</sup> )	100	8 Hrs	20.3	19.5	20.3	17.2	15.1	8.30
6.	Lead (Pb) (µg/m <sup>3</sup> )	0.5	Annual	0.03	0.05	0.04	0.02	0.02	0.01
7.	Carbon Monoxide (CO) (mg/m <sup>3</sup> )	2	8 Hrs	0.25	0.22	0.23	0.18	0.15	0.12
8.	Ammonia (NH <sub>3</sub> ) (µg/m <sup>3</sup> )	100	Annual	11.8	10.6	9.71	8.72	7.72	4.90
9.	Benzene (C <sub>6</sub> H <sub>6</sub> ) (µg/m <sup>3</sup> )	5	Annual	3.64	3.60	3.50	3.12	2.92	2.63
10.	Benzo(a) Pyrene (BaP) (ng/m <sup>3</sup> )	1	Annual	0.75	0.72	0.85	0.64	0.57	0.40
11.	Arsenic (As) (ng/m <sup>3</sup> )	6	Annual	2.54	2.63	2.59	2.18	2.03	1.96
12.	Nickel (Ni) (ng/m <sup>3</sup> )	20	Annual	9.32	9.61	8.39	7.91	6.85	5.24
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3 <sup>rd</sup> party M/s Earth care Pvt. Ltd.									



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

Sr. No.	Parameters	Norms	TWA	Concentration					
				APR-2019	MAY-2019	JUN-2019	JUL-2019	AUG-2019	SEP-2019
1.	Sulphur Dioxide (SO <sub>2</sub> ) µg/m <sup>3</sup>	80	Annual	8.75	8.77	9.89	8.83	7.77	6.3
2.	Nitrogen Dioxide (NO <sub>2</sub> ) µg/m <sup>3</sup>	80	Annual	26.5	24.6	25.0	22.8	16.8	9.8
3.	Particulate Matter of size less than 10 µm (PM <sub>10</sub> ) µg/m <sup>3</sup>	100	Annual	49.3	53.5	54.9	49.3	41.3	25.4
4.	Particulate Matter of size less than 2.5 µm (PM <sub>2.5</sub> ) µg/m <sup>3</sup>	60	Annual	26.2	29.5	25.5	24.3	21.5	10.6
5.	Ozone (O <sub>3</sub> ) (µg/m <sup>3</sup> )	100	8 Hrs	16.2	15.2	16.3	13.8	10.8	5.6
6.	Lead (Pb) (µg/m <sup>3</sup> )	0.5	Annual	0.02	0.03	0.02	0.01	0.01	0.01
7.	Carbon Monoxide (CO) (mg/m <sup>3</sup> )	2	8 Hrs	0.14	0.16	0.10	0.12	0.10	0.10
8.	Ammonia (NH <sub>3</sub> ) (µg/m <sup>3</sup> )	100	Annual	5.70	6.88	6.50	4.90	4.33	3.22
9.	Benzene (C <sub>6</sub> H <sub>6</sub> ) (µg/m <sup>3</sup> )	5	Annual	2.94	2.88	2.75	2.72	2.65	1.92
10.	Benzo(a) Pyrene (BaP) (ng/m <sup>3</sup> )	1	Annual	0.40	0.37	0.34	0.31	0.40	0.30
11.	Arsenic (As) (ng/m <sup>3</sup> )	6	Annual	2.03	1.91	1.87	1.88	1.95	1.61
12.	Nickel (Ni) (ng/m <sup>3</sup> )	20	Annual	7.84	8.19	7.58	6.75	5.86	5.19
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3 <sup>rd</sup> party M/s Earth care Pvt. Ltd.									

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

Sr. No.	Parameters	Norms	TWA	Concentration					
				APR-2019	MAY-2019	JUN-2019	JUL-2019	AUG-2019	SEP-2019
1.	Sulphur Dioxide (SO <sub>2</sub> ) µg/m <sup>3</sup>	80	Annual	9.74	8.01	7.80	8.26	9.33	6.20
2.	Nitrogen Dioxide (NO <sub>2</sub> ) µg/m <sup>3</sup>	80	Annual	24.7	22.8	20.2	18.2	18.2	12.6
3.	Particulate Matter of size less than 10 µm (PM <sub>10</sub> ) µg/m <sup>3</sup>	100	Annual	55.1	51.4	52.0	47.6	44.8	22.0
4.	Particulate Matter of size less than 2.5 µm (PM <sub>2.5</sub> ) µg/m <sup>3</sup>	60	Annual	26.0	22.7	23.2	12.5	20.3	9.99
5.	Ozone (O <sub>3</sub> ) (µg/m <sup>3</sup> )	100	8 Hrs	15.9	15.2	16.2	12.5	10.5	6.90
6.	Lead (Pb) (µg/m <sup>3</sup> )	0.5	Annual	0.03	0.04	0.03	0.01	0.01	0.01
7.	Carbon Monoxide (CO) (mg/m <sup>3</sup> )	2	8 Hrs	0.16	0.18	0.16	0.12	0.10	0.10
8.	Ammonia (NH <sub>3</sub> ) (µg/m <sup>3</sup> )	100	Annual	5.89	6.57	6.35	5.58	4.89	3.70
9.	Benzene (C <sub>6</sub> H <sub>6</sub> ) (µg/m <sup>3</sup> )	5	Annual	2.64	2.68	2.56	2.53	2.44	2.10
10.	Benzo(a) Pyrene (BaP) (ng/m <sup>3</sup> )	1	Annual	0.44	0.49	0.46	0.39	0.34	0.33
11.	Arsenic (As) (ng/m <sup>3</sup> )	6	Annual	2.01	2.16	2.08	1.92	1.82	1.66
12.	Nickel (Ni) (ng/m <sup>3</sup> )	20	Annual	6.60	6.76	6.56	6.15	5.48	4.98
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3 <sup>rd</sup> party M/s Earth care Pvt. Ltd.									

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

Sr. No.	Parameters	Norms	TWA	Concentration					
				APR-2019	MAY-2019	JUN-2019	JUL-2019	AUG-2019	SEP-2019
1.	Sulphur Dioxide (SO <sub>2</sub> ) µg/m <sup>3</sup>	80	Annual	10.7	10.0	10.1	10.5	9.36	7.80
2.	Nitrogen Dioxide (NO <sub>2</sub> ) µg/m <sup>3</sup>	80	Annual	23.5	25.7	22.8	22.9	18.6	11.6
3.	Particulate Matter of size less than 10 µm (PM <sub>10</sub> ) µg/m <sup>3</sup>	100	Annual	50.8	52.9	51.4	50.7	44.5	31.8
4.	Particulate Matter of size less than 2.5 µm (PM <sub>2.5</sub> )µg/m <sup>3</sup>	60	Annual	23.8	28.0	23.1	24.2	21.5	13.7
5.	Ozone (O <sub>3</sub> ) (µg/m <sup>3</sup> )	100	8 Hrs	17.4	18.3	16.7	16.1	13.6	6.10
6.	Lead (Pb) (µg/m <sup>3</sup> )	0.5	Annual	0.02	0.03	0.02	0.02	0.01	0.02
7.	Carbon Monoxide (CO) (mg/m <sup>3</sup> )	2	8 Hrs	0.16	0.18	0.19	0.15	0.10	0.14
8.	Ammonia (NH <sub>3</sub> ) (µg/m <sup>3</sup> )	100	Annual	8.42	6.89	7.35	7.39	6.22	6.58
9.	Benzene (C <sub>6</sub> H <sub>6</sub> ) (µg/m <sup>3</sup> )	5	Annual	3.24	3.70	3.26	3.10	2.92	10.8
10.	Benzo(a) Pyrene (BaP) (ng/m <sup>3</sup> )	1	Annual	0.62	0.64	0.59	0.55	0.50	0.46
11.	Arsenic (As) (ng/m <sup>3</sup> )	6	Annual	2.54	2.62	2.72	2.50	2.18	1.95
12.	Nickel (Ni) (ng/m <sup>3</sup> )	20	Annual	8.38	8.34	7.91	7.81	6.54	6.09
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3 <sup>rd</sup> party M/s Earth care Pvt. Ltd									

**Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3<sup>rd</sup> party M/s Earth care Pvt. Ltd.**



Enclosure-7

**DHARIWAL INFRASTRUCTURE LIMITED,**  
Tadali, Dist. Chandrapur

**6 Month (April 19 to September 19)**  
**Consolidated Report on**  
**Corporate Social Responsibility**  
**Year 2019 to 2020**

## **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 8 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..**

- 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, Gram Swachhta Abhiyan, Home to Home mobilization, Swachh Bharat Abhiyan Workshop ,Gramsabha & concern dept Meeting for Sanitation...
- Meeting with District Magistrate & CEO & BDO for sanitation.

### **Output**

- Pandharkawda Villages got Smart Village Award From State Govt of Maharashtra



**Rally for Sanitation**



**Meeting for toilet construction at Shengaon**





Home to home mobilization



Meeting at Dhanora for Sanitation

## **Digital Village Program**

### **Objective**

- Selected Pandharkawda & Shengaon 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**

- 158 villagers were installed with cash less app for financial transaction such as BHIM ,PYTM ,MAHABANK, RUPAY, PHON PE etc.
- Survey at Shengaon
- Conducting classes for ZP school students.
- Started Government to Customer service in Pandharkawda (G to C )

### **Output**

- 90 % villagers are using ATM.
- 100% Villagers have opened their Bank account with Aadhar linked Pandharkawda as well as will start open bank account of Shengaon villagers.
- Children and women have got online education for their study and competitive exam.

- 350 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.**



Computer Theory



Computer Classes



Mahatma Gandhiji Birth day Celebration



Home to home mobilization



## Education Program

### **Objective**

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

### **Activity**

- Survey
- Started 16 L2R, R2L classes in 6 villages 245 students have enrolled.
- Organized cultural program at Ganesh Mandal & Durga Puja.
- 8 libraries are running successfully from last three years , 678 children have enrolled
- Organized 1 training for staff and Balsakhi.
- Organized Pustakwala program in 6 villages .
- Conducted food stall program at Pandharakwada & Wadha Villages.
- Conducted 6 parents meeting at six villages.
- Organized the drawing competition, GK exam and various type of program through the Ganesh Mandal .

### **Output**

- 61 % students can read , write and speak basic English, Marathi & Hindi language and arithmetic.
- Student's attendance has increased by 60 % in the school.



Library



Food stall ( Mazi Kamai )





Parents Meeting



Teacher day celebration

## **Agriculture Program**

### **Objective**

- Farmers clubs in Shengaon , 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.

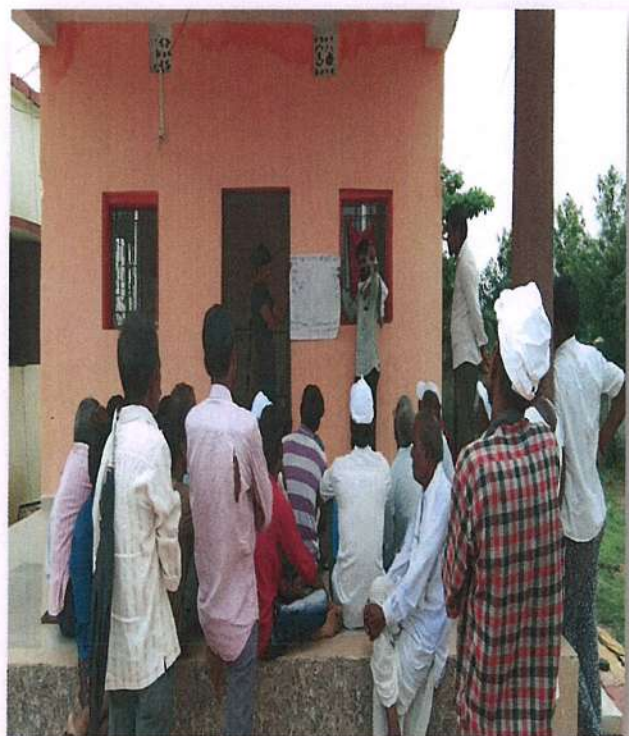
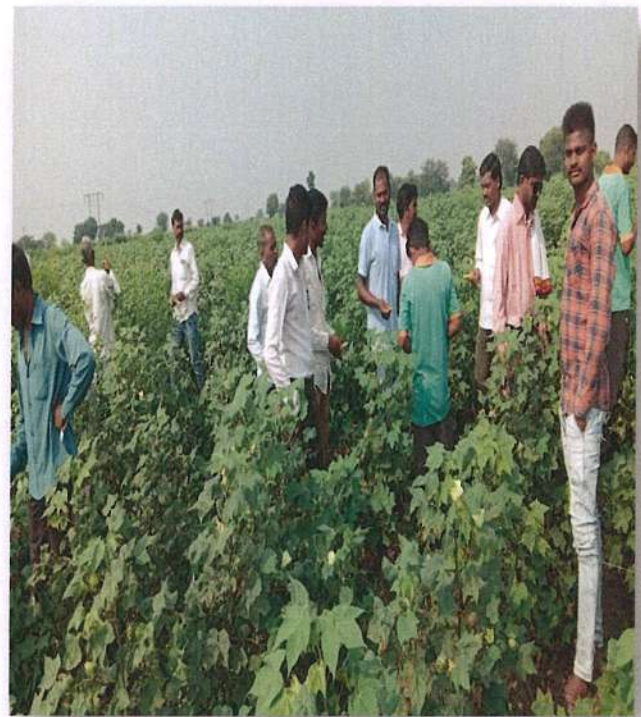
### **Activity**

- Conducted five training for the farmers club such as fertilizer, pesticides, seeds, soil testing , cotton etc
- 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.
- Conducted five training sessions to for the farmers club on use of fertilizer, pesticides, seeds, soil testing , cotton farming etc. such as conducted .

### **Output**

- Linkage of farmers club with NABARD and ATMA .
- Farmer clubs are collecting Rs 100, Rs 200 from Yerur and Sonegaon, Dhanora, Pandharkawada, Shengaon, Wadha for agriculture purpose.
- They have attempted to start micro business such as Poultry Farm.
- 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

- Conducted SHG meeting with SHG group.
- 9 SHG group formed
- 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 Pandharkawda village.
- Started 8 beauty parlor 5 villages .
- Started Bag making centre at Pandharkawda & Shengaon .
- Started Snack centre at Pandharkawda & Morwa.
- Participated bag exhibition in GET Hostel Tadadi

### Output

- All SHG group have opened their account in bank.
- 2 SHG have started their micro businesses on, Bag stitching unit start in Pandharkwda and Shengaon ,
- 2 SHG have started fast food center in morva and pandhrkawda







## **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**

- Conducted awareness meeting for adolescent girl in 8 villages .
- Organized regular meeting with adolescent girls of villages with a view to enlighten them about their health related precautions and general issues.



### **Output**

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

## **Skill Development Program**

- Organized 10 meeting in 8 villages for skill development.
- We will start skill training from Dec 2019.

## **Village Infrastructure Development**

- Cleaning of well at Wadha for drinking water for Pandharkawda & Wadha villages . .
- Help for the Durga Pujan & Ganpati Pujan.
- Provided street light at Dhanora village.
- Distributed sweet at Pandharkawda & Wadha on the occasion of Independence day.

## **Expenditure**

- Total Expenditure for the period from April 2019 to Sept 2019 for all CSR activities was Rs. 8.62 Lakhs.
- Total Expenditure for all CSR Activities till date was Rs. 306.6 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/HSE/F-09/19-20/		Date : 29/11/2019
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 <b>Annexure-1</b>
	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 investment 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. 427.5 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	275.20	48.87	
	2	Water Pollution Control		11.71	
	3	Noise Pollution Control			
	4	Environment Monitoring and Management	11.07	20.10	
	5	Reclamation borrow/mined area			
	6	Occupational Health		6.59	
	7	Green Belt and Land Environment		35.30	
	8	Others (Pl. Specify) Socio-economic Environment		18.67	
	Total		286.27	141.24	
	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 2019 to September 2019.	:	Capital Cost : Rs. 286.27 Lakhs Recurring Cost : Rs. 141.24 Lakhs Total : Rs. 427.5 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.**

  
**(Soumen Barua)**  
 General Manager



## 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 m<sup>3</sup> 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.

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 February 2014 and August 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 given to surrounding Brick Manufacturers.
- ❖ 100% Ash utilization is achieved and maintained.
- ❖ Abandoned quarries/mines in the region will be studied for filling and leveling by bed ash if required.



- ❖ All Hazardous Waste generated are disposed off to authorized Recycler or CHWTSDf as per their nature within stipulated time as per Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2016.

### **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
- ❖ For reduction of fugitive emissions we have concreted most of our major roads. Roads sprinklers are provided in CHP area to reduce fugitive emission during vehicle movement. Besides, water tankers are also provided to sprinkle water on roads. Roads are also cleaned periodically. Water sprinklers are also provided in Coal yard to reduce fugitive emission.
- ❖ Conveyors are covered all along the length and transfer points, to prevent fugitive emission.
- ❖ Dry Fog Dust Suppression System and Dust Extraction Systems has been installed at all transfer points in CHP.

### **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 inside plant premises.
- ❖ 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

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 1<sup>st</sup> April 2018 to 31<sup>st</sup> March 2019.**

**Ref : Fly Ash Notification: 14<sup>th</sup> Sept. 1999, 3<sup>rd</sup> Nov. 2009 & 25<sup>th</sup> 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 1<sup>st</sup> April 2018 to 31<sup>st</sup> March 2019, in the prescribed format for your ready reference.

We hope you will find the same in order.

I thank 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,  
4<sup>th</sup> Floor, Kalpataru Point,  
Sion(E), Mumbai-400022.
  4. The Regional Officer,  
Maharashtra Pollution Control Board  
Udyog Bhawan 1<sup>st</sup> Floor,  
Near BusStand, Chandrapur-442401

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



Fly Ash Notification S.O. 2804(E), 3<sup>rd</sup> 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
	<b>Total A (10 to 11)</b>	<b>690600.53</b>

**B. Ash unutilised (in tonnes)**

12	Ash Pond disposal	0
13	Ash yard	-
14	Ash Dump	-
	<b>Total B (12 to 14)</b>	<b>0</b>

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

	Purpose for which ash is utilized	Target (as per action plan)	Actual			
			From ESP Dry Ash (1)	From Pond Ash (2)	From Bottom Ash (3)	Total(1+2+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)	-	-	-	-	-
	<b>Total C (15 to 29)</b>		<b>622514.75</b>		<b>103803.78</b>	<b>726318.53</b>

**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.
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**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 (tones)	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
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**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**

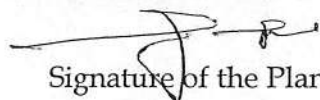
42	Whether the Thermal Power Station is maintaining month-wise records of ash made available to each brick kiln	Not supplying to brick kilns						
43	If yes, how many brick kilns have been supplied with fly ash	Nil						
	Mode of transport of Ash: Truck / Trailer / Closed Container / Covered with Tarpaulin / 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	-		
	<b>Total M (46 to 51)</b>	4		

**52. Administrative Measure taken**

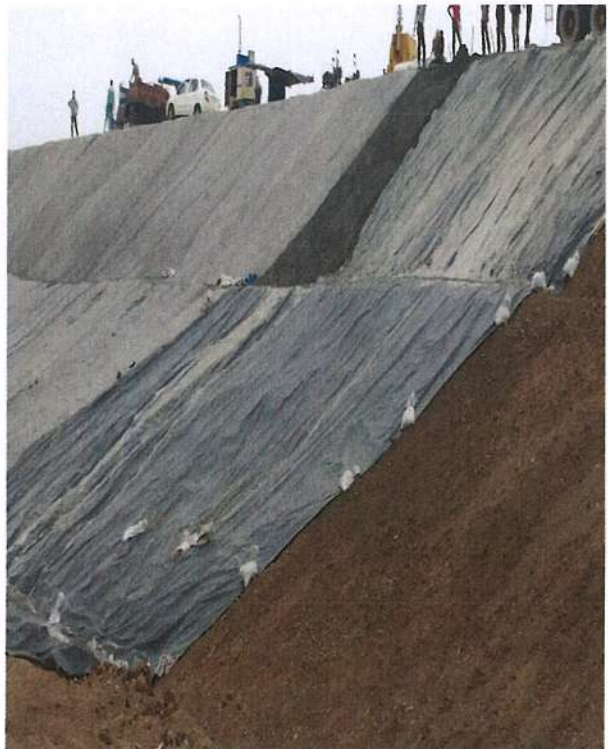
S.No.	Administrative Measure	Outcome
(i)	Meeting with brick manufacturers	4
(ii)	Meeting with State Government / Agencies	Regular meetings with prospective users i.e Cement plant officials, Brick manufacturers, PWD authorities and mining authorities of nearby area.
(iii)	Any other measure (please specify)	

  
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, Ramdaspath  
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

वणिज्य और उद्योग मंत्रालय

Ministry of Commerce &amp; Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो)

Petroleum &amp; 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  
(-),

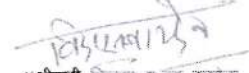
कृपया आपके पत्र क्रमांक Nil दिनांक 30/11/2017 का अवलोकन करें ।  
Please refer to your letter No : Nil, dated 30/11/2017

अनुज्ञप्ति संख्या P/HQ/MH/15/6129 (P294572) दिनांक 23/01/2013 को दिनांक 31/12/2022 तक नवीनीकृत कर इस पत्र के साथ अद्यपित 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 बारदेव)  
(Mrs. Vijaya Sanjay Bardeo)

Dy. Controller of Explosives  
कुल 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>)



प्रत्येक 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.): PIHQ/MH/15/6129(P294572)

फीस रुपा (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 केवल इसी यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम 2000.00 KL आयात करने के लिए और उसका नीचे वर्णित और अनुमोदित जगह सहसा PIHQ/MH/15/6129(P294572) तारीख 29/10/2014 जो कि इससे उपावृद्ध है, में दिखाए गए स्थान पर भण्डारण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुमति की अतिरिक्त शर्तों के अधीन रहते हुए, यह अनुमति अमरत्व 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 PIHQ/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 जिसको विन्यास सोमाए अन्य विशिष्टता संलग्न अनुमोदित जगहों 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 पंजीकरण के लिए स्थान  
SPACE FOR ENDORSEMENT OF RENEWALS

पेट्रोलियम अधिनियम, 1938 के उपबन्धों या उनके अधीन बनाए गए नियमों या इस अनुमति की शर्तों का उल्लंघन न होने की दशा में यह अनुमति पिस 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.

	Date of Renewal	Expiry of license	अनुमति प्राधिकार के हस्ताक्षर और Stamp Signature and office stamp of the licensing 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).	12/11/2015	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 निर्वहक, 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 अधीन यह अनुमति मंजूर की गई है उनमें से किसी का उल्लंघन होने की दशा में यह अनुमति रद्द की जा सकती है और पुनर्निर्धारण 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

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.**



## लोकमत

शुक्रवार, दि. २२ जानेवारी २०१०

### जाहीर सूचना

संबंधित नागरिकांना सूचित करण्यात येते की धारीवाल इन्फ्रास्ट्रक्चर यांच्या एम.आय.डी.सी. औद्योगिक बसाहत, गाव - तडाली, जि. चंद्रपूर, महाराष्ट्र येथील कोळशावर आधारित २x२०० मेगावॅट विद्युत प्रकल्पाकरिता पर्यावरणविषयक मंजूरी प्राप्त झालेली आहे व त्याची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळ, यांचे कार्यालयात तसेच मिनिस्ट्री ऑफ एन्व्हायरन्मेंट अँड फॉरेस्ट यांच्या वेबसाईटवर (<http://envfor.nic.in>) वर उपलब्ध आहे.

धारीवाल इन्फ्रास्ट्रक्चर प्रायव्हेट लिमिटेड

## 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**



https://www.dilenergy.co.in/ec\_compliance\_rep... X

RP-Surya Oenka Group  
Giving Legacies

You are signed in as devashish X

Dharwal Infrastructure Limited



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EC Compliance Reports

ENVIRONMENTAL CLEARANCE (ECL) COMPLIANCE REPORT for the period from April 15 to September 15

ENVIRONMENTAL CLEARANCE (ECL) COMPLIANCE REPORT for the period from October 15 to March 16

ENVIRONMENTAL CLEARANCE (ECL) COMPLIANCE REPORT for the period from April 16 to September 16

ENVIRONMENTAL CLEARANCE (ECL) COMPLIANCE REPORT for the period from October 16 to March 17

ENVIRONMENTAL CLEARANCE (ECL) COMPLIANCE REPORT for the period from April 17 to Sep 17

ENVIRONMENTAL CLEARANCE (ECL) COMPLIANCE REPORT for the period from October 17 to March 18

ENVIRONMENTAL CLEARANCE (ECL) COMPLIANCE REPORT for the period from April 18 to September 18

ENVIRONMENTAL CLEARANCE (ECL) COMPLIANCE REPORT for the period from October 18 to March 19

Environmental Statement

Environmental statement 2015 to 2016

Environmental statement 2016 to 2017

Environmental statement 2017 to 2018

Environmental statement 2018 to 2019

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RP - Sanjiv Goenka  
Group  
Growing Legacies



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

OK Ref: DIL/HSE/F-08/19-20/ 54

Date : 24.09.2019

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

Sub: Submission of Environmental Statement for the financial year ending 31<sup>st</sup>  
March 2019.

Dear Sir,

We have submitted the online Annual Environment Statement for the financial year 2018-19 on MPCB Portal. Acknowledgement copy along with the Hard copy & annexures are attached herewith for your ready reference.

We hope you will find the same in order.

Thanking you,

Yours Faithfully,  
For Dhariwal Infrastructure Limited.

*Barua*

(Soumen Barua)  
General Manager

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).

*Chandrapur*  
25/9/19  
Maharashtra Pollution Control Board  
Regional office  
Udyog Bhawan 1st Floor Station Road,  
Chandrapur-442004

Enclosure-17

