SPEED POST

BY SPEED POST

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

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

To

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

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

Sir,

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

2. It has been noted that the proposal is for setting up a 2x300 MW Coal Based Thermal Power Plant in MIDC Industrial Area, at village Tadali, in Distt. Chandrapur, in Maharashtra. Land requirement will be 480 acres. Coal requirement will be 11040 TPD and will be sourced from SECL mines. Coal linkage has been obtained from Ministry of Coal. The coordinates of the site are latitude $20^0$00?30? to 20^O 01?20? N and longitude 79^O11?50? to 79^O12?35 E?. Water requirement of 19.272 mcum per annum will be sourced from Wardha River which flows at a distance of 9.3 km from the plant site. Govt. of Maharashtra has accorded permission for water allocation from Wardha River. A Barrage is proposed to be constructed in Wardha River for uninterrupted water supply. There are no national parks, wildlife sanctuary, tiger & elephant reserves, heritage sites etc. within 10 km of the study area. MoU with M/s ACC for consumption of Fly Ash for its Chanda Cement Works is in place. As a contingency measure 65.2 acres of land is proposed for ash storage, which will be properly lined with HDPE. Abandoned mines are being identified within the District for disposal of bottom ash. Bhandak Reserve Forest is located at a distance of 7.8 kms away. Motaghat nallah flows at a distance of 6.2 km away in the east and Sarai Nallah at 5.0 km in South. Cost of the project will be Rs. 3054.00 Crores.

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

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

i. No further expansion in capacity shall be permitted for this Power Plant in view of the uncertainty of water in lean season.

ii. The two radial wells shall be constructed maintaining a distance of at least 450 m between them and at least 500 m from the nearest habitations/village boundary.

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

shall be kept only as standby arrangement during lean season.

iv. Hydro-geological study of the area shall be reviewed annually and results submitted to the Ministry and concerned agency in the State Govt. In case adverse impact on ground water quantity and quality is observed, immediate mitigating steps to contain any adverse impact on ground water shall be undertaken.

v. A Two Bi-Flue stacks of 275 m height shall be provided with continuous online monitoring equipments for SOx, NOx 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.

vi. High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm^3.

vii. Adequate dust extraction system such as cyclones/ bag filters and water spray system in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.

viii. Utilisation of 100% Fly Ash generated shall be made from 4th year of operation of the plant. Status of implementation shall be reported to the Regional Office of the Ministry from time to time.

ix. Fly ash shall be collected in dry form and storage facility (silos) shall be provided. 100% fly ash utilization shall be ensured from 4th year onwards. Unutilized fly ash shall be disposed off in the ash pond in the form of slurry form. Mercury and other heavy metals (As,Hg, Cr, Pb etc.) will be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.

x. Ash pond shall be lined with HDP/LDP lining or any other suitable impermeable media suh that no leachate takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached.

xi. For disposal of Bottom Ash in abandoned mines (if proposed to be undertaken) it shall be ensured that the bottom and sides of the mined out areas are adequately lined with clay before Bottom Ash is filled up. The project proponent shall inform the State Pollution Control Board well in advance before undertaking the activity.

xii. Closed cycle cooling system with natural draft cooling towers shall be provided. The Effluents shall be treated as per the prescribed norms.

xiii. The treated effluents conforming to the prescribed standards only shall be discharged. Arrangements shall be made that effluents and storm water do not do not get mixed.

xiv. A sewage treatment plant shall be provided and the treated sewage shall be used for raising greenbelt/plantation.

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

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

xvi. Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in coal yard, especially during summer season. Copy of these measures with full details along with location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry.

xvii. Storage facilities for auxiliary liquid fuel such as LDO and/ HFO/LSHS shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.

xviii. Regular monitoring of ground water level shall be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring around the ash pond area shall be carried out particularly for heavy metals (Hg,Cr,As,Pb) and records maintained and submitted to the Regional Office of this Ministry. The data so obtained should be compared with the baseline data so as to ensure that the ground water quality is not adversely affected due to the project.

xix. Green Belt consisting of 3 tiers of plantations of native species around plant and at least 100 m width shall be raised. Wherever 100 m width is not feasible a 50 m width shall be raised and adequate justification shall be submitted to the Ministry. Tree density shall not less than 2500 per ha with survival rate not less than 70 %.

xx. First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.

xxi. Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75 dBA. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non noisy/less noisy areas.

xxii. Regular monitoring of ground level concentration of SO_2, NOx, RSPM(PM_{10}/$PM_{2.5}$) and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of this Ministry. The data shall also be put on the website of the company.

xxiii. A good action plan for R&R (if applicable) with package for the project affected persons be submitted and implemented as per prevalent R&R policy within three months form the date of issue of this letter.

xxiv. An amount of Rs 12.0 Crores shall be earmarked as one time capital cost for CSR programme. Subsequently a recurring expenditure of Rs 3.0 Crore per annum shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within one month along with road map for implementation.

-4-

xxv. As part of CSR programme the company shall conduct need based assessment for the nearby villages to study economic measures with action plan which can help in upliftment of poor section of society. Income generating projects consistent with the traditional skills of the

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

xxvi. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

xxvii. The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in.

xxviii. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila 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.

xxix. A separate Environment Management Cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

xxx. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM(PM_{10}/$PM_{2.5}$), SO2, NOx (ambient levels as well as stack emissions)shall be displayed at a convenient location near the main gate of the company in the public domain.

xxxi. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well by e- mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB.

xxxii. The environment statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.

xxxiii. The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of

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

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

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

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

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

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

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

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

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

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

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

(LALIT KAPUR)

BY SPEED POST

DIRECTOR

Copy to:-

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

(LALIT KAPUR)
DIRECTOR

Not secure | environmentclearance.nic.in/user/Compliance_report.aspx?Cat_Id=IA%2fMH%2fTHE%2f19991%2f2009&type=2

PARIVESH
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"Pro Active and Responsive facilitation by Interactive, Virtuous and Environmental Singlewindow Hub"

Ministry of Environment, Forest and Climate Change
Government of India
amit.soni@rpsg.in Logout

Form for Uploading Compliance Report

Proposal No :	IA/MH/THE/19991/2009	**Proposal Name :**	2x300 MW coal Based Thermal Power Plant
Category :	Thermal Projects	**MoEF File No. :**	J-13011/10/2009-IA.II (T)

Compliance Letter/Report

Year of Compliance: -All Years-

Date of Compliance * : Select

Remarks :

Upload Compliance Letter/Report * : Choose File No file chosen (.pdf only)

SUBMIT

Sno.	Proposal No.	Uploaded copy of Compliance report	Remarks	Uploaded Date	Delete
1	IA/MH/THE/19991/2009	0529202147136049DIL-SixmonthlyECComplianceReportOct-20toMar-21.pdf	DIL EC Compliance Oct'20 to Mar'21	29/05/2021	

RP - Sanjiv Goenka Group
Growing Legacies

DHARIWAL INFRASTRUCTURE LIMITED
Dhariwal Infrastructure Limited
CIN : U70109WB2006PLC111457
E-mail : dhariwalinfrastructure@rpsg.in

Ref. No.: DIL/HSE/F-09/20-21/21

Date: 29.05.2021

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 for the period of 1st October 2020 to 31st March 2021.

Ref. : MoEF, Govt. of India Environmental Clearance No. J-13011/10/2009-IA. II (T) dated 4th December 2009.

Dear Sir,

We are operating 2 x 300 MW coal based Thermal Power Plant M/s Dhariwal Infrastructure Limited at Plot No. C-6, MIDC, Tadali Industrial Area, Chandrapur. We are enclosing herewith point wise compliance report of conditions stipulated in Environment Clearance along with requisite annexures (In soft) granted vide above referred letter for the period of 1st October 2020 to 31st March 2021.

We are making our sincere efforts for creating cleaner and greener environment with-in and outside company premises.

Thanking you,

Yours faithfully,
For' **Dhariwal Infrastructure Limited**

Authorized Signatory
Encl.: As above
CC:

1. **The Member Secretary,** Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi - 110032
2. **The Regional Director,** Central Pollution Control Board, Pune, Maharashtra
3. **The Member Secretary,** Maharashtra Pollution Control Board, Kalpataru Point, 4th Floor, Sion (E'), Mumbai – 400022
4. **The Regional Officer,** Maharashtra Pollution Control Board, 1st Floor, Udyog Bhawan, Chandrapur, Maharashtra

Environmental Compliance Report
for
the Period From
1st October 2020 to 31st March 2021

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 30.06.2021.

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 Environmental Clearance are followed scrupulously. Compliance is reported hereunder for the period from 1st October 2020 to 31st March 2021 in serial order of Environmental Clearance Letter as delineated below.

Sr. No.	Conditions	Compliance Status
(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.	Complied, radial wells are constructed 500 meters away from the nearest habitation.
(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.	Hydro-geological status of the area is reviewed regularly. Ground water level and Ground water quality in the study area is regularly analyzed. Reports for the compliance period (Oct'20 to Mar'21) are enclosed as **Annexure-1**.
(v)	A Two Bi-Flue stack of 275 m height shall be provided with continuous online	A Bi-Flue stack of 275 m height is provided with continuous online

	monitoring equipment for SOx, NOx 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.	monitoring equipment for SOx, NOx and PM. Mercury emissions from stack is also being monitored on periodic basis. Report is enclosed as **Annexure-2**.
(vi)	High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm^3.	High Efficiency Electrostatic Precipitator (ESP) for unit 1 & 2 are commissioned and in operation. Both ESP's are designed to ensure that particulate emission does not exceed 50 mg/Nm^3. The analysis reports of stack emission monitoring for both units are enclosed as **Annexure-2.**
(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.	Complied, Adequate dust extraction & dust suppression systems are provided in CHP & AHP. Water sprinklers & tankers sprinklers are administered as and when required.
(viii)	Utilization of 100% Fly Ash generated shall be made from 4th year of operation of the plant. Status of implementation shall be reported to the Regional Office of the Ministry from time to time.	Complied, 100% Fly Ash generated is being taken by nearby cement plants and Brick Manufacturers for cement and Bricks manufacturing. Annual Ash Generation & Utilization report for the period from 1st April 2020 to 31st March 2021 submitted at your office is enclosed as **Annexure-3.**
(ix)	Fly ash shall be collected in dry form and storage facility (silos) shall be provided. 100% fly ash utilization shall be ensured from 4th year onwards, Unutilized fly ash shall be disposed off in the ash pond in the form of slurry form. Mercury and other heavy metals (As, Hg, Cr, Pb etc.) will be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.	Complied, 02 no's of fly ash silo of 3280 MT capacity is constructed to handle dry ash. Mercury and other heavy metals are monitored in bottom ash and ash pond effluent. Condition for not using ash disposal in low lying area is omitted vide MoEF & CC (IA Division) Office Memorandum dated 28 August 2019. Heavy metal analysis report is enclosed as **Annexure-4.**
(x)	Ash pond shall be lined with HDP/LDP lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached.	Complied, Ash pond is lined with LDP lining such that no leachate takes place at any point of time. Adequate safety measures like proper sloping, boulder pitching, greenbelt development, adequate bund thickness etc. are implemented to protect the ash dyke from getting breached.

(xi)	For disposal of Bottom Ash in abandoned mines (if proposed to be undertaken) it shall be ensured that the bottom and sides of the mined out areas are adequately lined with clay before Bottom Ash is filled up. The project proponent shall inform the State Pollution Control Board well in advance before undertaking the activity.	Noted, will be complied.
(xii)	As par 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 is utilized as per reduce, reuse and recycle techniques within the operating facility for example dust suppression, Bed Ash quenching, Ash Slurry water make-up purpose etc.
(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.	Our operating facility is based on ZLD (Zero liquid discharge). The treated effluents conforming to the prescribed standards are utilized as per reduce, reuse and recycle techniques within the operating facility. Arrangements are made such that effluents and storm water do not get mixed. Please refer **Annexure-4.**
(xiv)	A sewage treatment plant shall be provided and the treated sewage shall be used for raising greenbelt/plantation.	Complied, Sewage treatment plant of adequate capacity is provided and the treated sewage is used for raising greenbelt/plantation.
(xv)	Rainwater harvesting should be adopted Central Groundwater Authority/ Board shall be consulted for finalization of appropriate rainwater harvesting technology within a period of three months from the date of clearance and details shall be furnished.	Rain water harvesting pond is developed in which, rain water is regularly collected through natural drains. We have permission from Central Ground Water Board for implementation of rain water harvesting.
(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 is provided. Dedicated fire hydrant system comprised of fire monitors and rain guns have been provided around coal stock yard.
(xvii)	Storage facilities for auxiliary liquid fuel	Complied, License from DoE for

	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.	storage facility of auxiliary liquids is granted, Sulphur content is maintained within the permissible range of 0.5%. Disaster Management Plan is prepared and in place and approved by appropriate authority. DoE license is enclosed as **Annexure-5**.
(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.	We are monitoring Ground water level and Quality inside industry premises and nearby ash pond area periodically. Reports are enclosed as **Annexure-1.**
(xix)	Green Belt consisting of 3 tiers of plantations of native species around plant and at least 100 m width shall be raised. Wherever 100 m width is not feasible a 50 m width shall be raised and adequate justification shall be submitted to the Ministry. Tree density shall not less than 2500 per ha with survival rate not less than 70 %.	As on date about 1,49,660 trees have been planted with a survival rate of not less than 70%. The major existing trees are Akeshiya, Imli, Karanj, Mahaneem, Neem, Nilgiri, Peltoforam, Sisam and Casia, casurina, Eucalyptus etc. The other existing trees are Aapta, Amla, Anjeer, Areka Palm, Aerial Palm, Arjun ,Ashoka, Bargad, Badam, Banana, Boganvel, Chikku, Coconut, Flower tree, Fucus benjamina, Goldan Bambu, Green Bambu, Gulmohar, Jambhul Jaswant, Kadam, Kanher ,Kawat, Mahagani, Mango, Mogra Mosambi, Nimbu , Pipal, Rain Tree, Red Rose, Royal Palm, Ornamental Plants, Saru, Simal, Spindal Palm, Silver oke , Swastik, Vel (Kourav & Pandava), Vidya, X-mas tree, Yellow Bell, Bakul, Papaya, Sitaphal, Bel, Shahtut ,Anar, Sevga, Amrud,Ber, Kher etc. (**Photo graphs attached as Annexure-6**).
(xx)	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction	Complied during construction phase.

	phase.	
(xxi)	Noise level emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75 dB(A). For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc. shall be periodically examined to maintain audiometric record and for treatment of any hearing loss including shifting to non noisy/less noisy areas.	We are regularly monitoring work place noise level at 25 locations including turbine, air compressors on quarterly basis**.** Norms for Work zone Noise level is 85 dB(A) and for AAQ noise level, it is 75 dB(A). The results are well within the limit. 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 are periodically examined & we are maintaining audiometric record and for treatment for any hearing loss including shifting to suitable areas is done. The work zone noise results are enclosed herewith as **Annexure-7(A) & 7(B).**
(xxii)	Regular monitoring of ground level concentration of SO_2, NOx, RSPM (PM_{10}/$PM_{2.5}$) and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of the Ministry. The data shall also be put on the website of the company.	Complied, regular ambient air quality monitoring from NABL accredited laboratory at six locations is carried out and reports for the compliance period are enclosed as **Annexure-8** and being submitted regularly.
(xxiii)	A good action plan for R&R (if applicable) with package for the project affected persons be submitted and implemented as per prevalent R&R policy within three months form the date of issue of this letter.	We are located in Maharashtra Industrial Development Corporation (MIDC) area, hence R & R is not applicable to us.
(xxiv)	An amount of Rs. 12.0 Crores shall be earmarked as one time capital cost for CSR programme. Subsequently a recurring expenditure of Rs. 3.0 Crore per annum shall be earmarked as recurring expenditure for CSR activities.	Road map is worked out for implementation of CSR activities. A partnership along with Zila Parishad, Chandrapur & UNICEF for improving water & sanitation facilities in ten

	Details of the activities to be undertaken shall be submitted within month along with road map for implementation.	Grampanchayat, Schools and Anganwadis is done and further work is under progress. The implementation of following CSR activities undertaken in the aforesaid period. 1.Training on Health & Sanitation in nearby nine no. of villages. Supply of Sanitary amenities to the locals. 2.Swachh Bharat Abhiyan in Nine villages. Construction of toilets and hand wash facilities. ~~3.~~Water drinking facility in Pandharkwada and Wadha villages 4.Training to Adolescent girls. 5.Training to villagers of nine villages for Digital villages. 6.Agriculture Projects in nearby villages. 7.Educational Programs in nearby villages. 8.Training to six nos. of SHG (Self Help Groups) for self-employment. The unit has suffered severe financial crunch since beginning and was unable to make profit till last financials declaration for FY year 19-20. However, in spite of adverse financial condition we have made significant contribution for the society. Details of CSR activities are attached as **Annexure-9.**
(xxv)	As part of CSR programme the company shall conduct need based assessment for the nearby villages to study economic measures with action plan which can help in upliftment of poor section of society. Income generating projects consistent with the traditional skills of the people besides development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. Company shall provide separate budget for community development activities and income generating programs. This will be in addition to vocational training for	A need based survey had been 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. 1.Training on Health & Sanitation in nearby nine no. of villages. Supply of Sanitary amenities to the locals.

	individuals imparted to take up self employment and jobs.	2.Swachh Bharat Abhiyan in Nine villages. Construction of toilets and hand wash facilities. 3.Water drinking facility in Pandharkwada and Wadha villages 4.Training to Adolescent girls 5.Training to villagers of nine villages for Digital villages. 6.Agriculture Projects in nearby villages. 7.Educational Programs in nearby villages. 8.Training to six nos. of SHG(Self Help Groups) for self-employment. The unit has suffered severe financial crunch since beginning and was unable to make profit till last financials declaration for FY year 19-20. However, in spite of adverse financial condition we have made significant contribution for the society. Details of CSR activities are attached as **Annexure-9.**
(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.	Complied during construction phase. Demolition of temporary structures of construction phase is under progress.
(xxvii)	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/ Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in.	Complied.

(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.	Complied. Copy of DIL Environment Clearance is put in the company website. www.dilenergy.co.in
(xxix)	A separate Environment Management Cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Complied. Environment Management Cell with qualified staff is set up for implementation & maintaining the stipulated environmental safeguards.
(xxx)	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB The criteria pollutant levels namely; SPM, RSPM (PM_{10}/$PM_{2.5}$) SO_2 NOx (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.	Complied. Status of compliance is being uploaded on company's website, **www.dilenergy.co.in** EC compliance reports are being sent to designated Regulatory Bodies regularly. Criteria pollutant levels are displayed at the main gate of the company for the general public.
(xxxi)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Yes, six monthly reports are regularly submitted since beginning about the status of compliance of the stipulated EC conditions including results of monitored data to the respective Regional office of MoEF, the respective Zonal office of CPCB and the SPCB.
(xxxii)	The environment statement for each financial /year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules. 1986, as amended subsequently, shall also be put on the website off the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of the Ministry by e-	Yes, Environment Statement in Form-V for financial year ending 31st March 2020 is submitted to MPCB. Acknowledged letter copy is enclosed herewith as **Annexure -10.** Copy of the same has been uploaded on company's website, i.e. **www.dilenergy.co.in.**

	mail.	
(xxxiii)	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.	Complied, , six monthly reports are regularly submitted about the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests Regional office, Central Pollution Control Board and State Pollution Control Board. Copy of the same has been uploaded on company's website, i.e. **www.dilenergy.co.in.**
(xxxiv)	Regional Office of the Ministry of Environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent will up-load the compliance status in their website and up-date the same from time to time at least six monthly basis. Criteria pollutants levels including NOx (from stack & ambient air) shall be displayed at the main gate of the power plant.	Being Complied, Compliance status has been uploaded on company's website, **www.dilenergy.co.in.** Criteria pollutant levels are displayed at the main gate of the company.
(xxxv)	Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.	Yes, separate funds are allocated for implementation of environmental protection measures. Total Expenses from 1st Oct 2020 to 31st March 2021 were **202.46 Lakhs** on environment control measures.
(xxxvi)	The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of	Plant is in operation. COD for unit #1 was on dated 11 Feb. 2014 & for unit #2 was 02th Aug. 2014. Information has been given to the authorities.

	start of land development work and commissioning of plant.	
	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.	Noted & Agreed.

SL No	**Additional Conditions (as per MoEF & CC Notification No. S.O. 1561(E), dated 21.05.2020)**	**Compliance Status**
(1)	**Setting Up Technology Solution for emission norms:**	
	(i) Compliance of specified emission norms for Particulate Matter, as per extant notifications and instructions of Central Pollution Control Board, issued from time to time.	ESP's are designed to ensure that particulate emission does not exceed 50 mg/Nm3.
	(ii) In case of washries, Middling and rejects to be utilized in FBC (Fluidized Bed Combustion) technology based thermal power plants. Washery to have linkage for middling and rejects in Fluidized Bed Combustion plants.	Not Applicable to us.
(2)		
	(i) The thermal powers plants shall comply with conditions, as notified in the Fly Ash notification issued from time to time, without being entitled to additional capacity of fly ash pond (for existing power generation capacity) on ground of switching from washed coal to unwashed coal.	Plant management is focused on effective utilization of Ash generated at site. For achieving 100% dry Ash utilization, Ash generated is being utilized in nearby cement plants and Brick Manufacturers and others value added products.
	(ii) Appropriate Technology solutions shall be applied to optimize water consumption for Ash management;	• Entire Ash is handled in dry form without requiring water except furnace Ash • Furnace Ash or Bottom Ash is transported as slurry from bottom Ash hopper to the Ash pond. After the process of decantation, water is recycled and reused again in transportation of Ash slurry.
	(iii) The segregation of ash may be done at the Electro-Static Precipitator stage, if required, based on site specific conditions, to ensure maximum	High efficiency ESPs have been installed and entire quantity of Ash collected from ESP's is utilized as per available regulatory guideline.

	utilization of fly ash;	
	(iv) Subject to 2(i) above, the thermal power plants to dispose fly ash in abandoned or working mines (to be facilitated by mine owner) with environmental safeguards.	Noted, will be complied.
(3)	**Transportation:**	
	(i) Coal transportation may be undertaken by covered Railway wagon (railway wagons covered by tarpaulin or other means) and/or covered conveyer beyond the mine area. However, till such time enabling Rail transport/conveyer infrastructure is not available, road transportation may be undertaken in trucks, covered by tarpaulin or other means.	Coal transportation is being done through Rail. However, transportation of coal by road is carried out by covered truck only as and when needed.
	(ii) It shall be ensured by the thermal power plant that a. Rail siding facility or conveyor facility is set up at or near the power plant, for transportation by rail or conveyor; and b. If transportation by rail or conveyor facility is not available, ensure that the coal is transported out from the Delivery Point of the respective mine in covered trucks (by tarpaulin or other means), or any mechanized closed trucks by road.	There is a railway siding facility within the plant premises. Noted, Being complied

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-09/21-22/			**Date :**	29/05/2021
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. Bhaskar Kumar Ganguly 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 **Enclosure-1**	
	b.	of the environmental management plans	**:**		
7.	Breakup 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.	Breakup 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 31.03.2021 is Rs. 3904.50 Crores.
	b.	Allocation made for environmental management plans with item wise and year wise break-up	Rs. 202.46 Lakhs.	

Sr.No.	**Particular**	**Capital Cost Incurred for April 2020 to September 2020 (Rs. In Lakhs)**	**Recurring Cost Incurred for April 2020 to September 2020 (Rs. In Lakhs)**
1	Air Pollution Control	66.72	19.40
2	Water Pollution Control		5.87
3	Noise Pollution Control		
4	Environment Monitoring and Management	2.93	9.35
5	Reclamation borrow/mined area		68.15
6	Occupational Health		0.37
7	Green Belt and Land Environment		29.67
8	Others (Pl. Specify) Socio-economic Environment		
	Total	**69.65**	**132.81**

	c.	Benefit cost ratio/Internal rate of Return and the year of assessment	:	The construction work is started in the financial year 2010-11and 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. 3904.50 Crores
	f.	Actual expenditure incurred on the	:	Capital Cost : Rs. 69.65 Lakhs

		environmental management plans from October 2020 to March 2021.		Recurring Cost : Rs. 132.81 Lakhs **Total** : **Rs. 202.46 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.

ENCLOSURE-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^3 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 of 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 checkup 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.

Annexure – 1

GROUND WATER LEVEL STATUS

October - 2020

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 Zitraji Wadai Farm	DIL 1	09-10-2020	2.55	9.5	7.90	0.8	7.1
2.	**Village- Sonegaon**	Grampanchayat Dugwell,Near Hanuman Mandir	DIL 2	09-10-2020	4.10	9.8	7.20	0.8	6.40
3.	**Village- Sonegaon**	Borewell of Shri Kundlik Vishwanath Urkude,	DIL 3	09-10-2020	0.16	80.0	4.00	0.1	3.9
4.	**Village- Yerur**	Dugwell of Shri Ravindra Pandurangji Balki	DIL 4	09-10-2020	6.0	9.5	7.25	0.1	7.15
5.	**Village- Wandhari**	Borewell Water of Hanuman Mandir	DIL 5	09-10-2020	5.0	10.3	6.70	0.2	6.5
6.	**Village- Yerur**	Grampanchayat Dugwell near Primary School	DIL 6	09-10-2020	4.95	11.0	2.55	0.7	1.85
7.	**Village- Ghodpeth**	Dugwell of Shiv Mandir	DIL 7	09-10-2020	4.50	9.0	2.40	0.6	1.8

8.	**Village- Tadali**	Grampanchayat Dugwell Near Z. P. Primary School	DIL 8	09-10-2020	3.65	12.35	2.25	0.8	1.45
9.	**Village- Morwa**	Dugwell near Jagnath Baba Mandir	DIL 9	09-10-2020	2.40	14.80	2.80	0.8	1.45
10.	**Village- Mursa**	Grampanchayat. Dugwell near Z.P. Primary School	DIL 10	09-10-2020	7.0	10.8	5.25	4.4	0.85
11.	**Village- Wadha**	Intake Well	DIL 11	09-10-2020	11.0	21.8	9.15	0.50	8.65
12.	**MIDC,Tadali**	Near Recovery Pump House-II, PZ-1	DIL 12	09-10-2020	0.12	30.5	7.00	0.30	6.7
13.	**MIDC,Tadali**	Near Recovery Pump House-II, PZ-2	DIL 13	09-10-2020	0.12	30.5	6.90	0.30	6.6
14.	**MIDC,Tadali**	Ash Pond II, PZ-3	DIL 14	09-10-2020	0.12	30.5	6.95	0.70	6.25
15.	**MIDC,Tadali**	Near Railway Crossing of WB-2, PZ-4	DIL 15	09-10-2020	0.12	30.5	4.00	0.80	1.05
16.	**MIDC,Tadali**	Near ETP Security Post, PZ-5	DIL 16	09-10-2020	0.12	30.5	4.45	0.90	3.55
17.	**MIDC,Tadali**	Near AAQMS Cabin-3, PZ-6	DIL 17	09-10-2020	0.12	30.5	4.20	0.90	3.30
18.	**MIDC,Sakharwahi**	Dugwell Water from Shri Ravindra Bhagwat Farm	DIL 18	09-10-2020	3.6	7.6	6.20	0.70	0.75
Note: All the above Ground Water Level Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.									

January – 2021

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 Zitraji Wadai Farm	DIL 1	19-01-2021	2.55	9.5	7.92	0.8	7.12
2.	**Village- Sonegaon**	Grampanchayat Dugwell,Near Hanuman Mandir	DIL 2	19-01-2021	4.10	9.8	7.10	0.8	6.3
3.	**Village- Sonegaon**	Borewell of Shri Kundlik Vishwanath Urkude,	DIL 3	19-01-2021	0.16	80.0	4.05	0.1	3.9
4.	**Village- Yerur**	Dugwell of Shri Ravindra Pandurangji Balki	DIL 4	19-01-2021	6.0	9.5	7.35	0.1	7.25
5.	**Village- Wandhari**	Borewell Water of Hanuman Mandir	DIL 5	19-01-2021	5.0	10.3	7.80	0.2	7.6
6.	**Village- Yerur**	Grampanchayat Dugwell near Primary School	DIL 6	19-01-2021	4.95	11.0	2.70	0.7	2.0
7.	**Village- Ghodpeth**	Dugwell of Shiv Mandir	DIL 7	19-01-2021	4.50	9.0	2.30	0.6	1.7
8.	**Village- Tadali**	Grampanchayat Dugwell Near Z. P. Primary School	DIL 8	19-01-2021	3.65	12.35	2.15	0.8	1.35
9.	**Village- Morwa**	Dugwell near Jagnath Baba Mandir	DIL 9	19-01-2021	2.40	14.80	2.70	0.8	1.9

Sr. No. of Villages	Village Name	Details of Locations	Field Code No.	Date of Measurement	Internal Diameter in mtr. (m)	Total Depth from measuring point in mtr.(depth in mbmp)	Static Water Level from Measuring Point in mtr.(level in mbmp)	Measuring Point i.e. MP distance above ground level in mtr. (magl)	Water Level below ground level (level in mbmp - magl = mbgl)
10.	**Village- Mursa**	Grampanchayat. Dugwell near Z.P. Primary School	DIL 10	19-01-2021	7.0	10.8	5.30	4.4	0.9
11.	**Village- Wadha**	Intake Well	DIL 11	19-01-2021	11.0	21.8	9.10	0.50	8.6
12.	**MIDC,Tadali**	Near Recovery Pump House-II, PZ-1	DIL 12	19-01-2021	0.12	30.5	2.23	0.30	1.93
13.	**MIDC,Tadali**	Near Recovery Pump House-II, PZ-2	DIL 13	19-01-2021	0.12	30.5	1.71	0.30	1.41
14.	**MIDC,Tadali**	Ash Pond II, PZ-3	DIL 14	19-01-2021	0.12	30.5	5.88	0.70	5.18
15.	**MIDC,Tadali**	Near Railway Crossing of WB-2, PZ-4	DIL 15	19-01-2021	0.12	30.5	3.55	0.80	2.75
16.	**MIDC,Tadali**	Near ETP Security Post, PZ-5	DIL 16	19-01-2021	0.12	30.5	3.22	0.90	2.32
17.	**MIDC,Tadali**	Near AAQMS Cabin-3, PZ-6	DIL 17	19-01-2021	0.12	30.5	3.58	0.90	2.68
18.	**MIDC,Sakharwahi**	Dugwell Water from Shri Ravindra Bhagwat Farm	DIL 18	19-01-2021	3.6	7.6	6.15	0.70	5.45
Note: All the above Ground Water Level Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.									

WATER QUALITY STATUS

Sr. No.	Parameters	Acceptable / Permissible Limit (IS 10500: 2012)	Concentration			
			Location			
			Dugwell Water, Village-Pandharkwada	Borewell Water, Village-Sonegaon	Dugwell Water, Village-Sakharwahi	Dugwell Water, Village-Yerur
			09-10-2020	09-10-2020	09-10-2020	09-10-2020
1.	Colour, Hazen units	5/15	1.0	1.0	1.0	1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.58	7.53	7.52	7.20
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	0.12	1.0	0.40	0.12
6.	Total dissolved solids, mg/l	500/2000	644.0	618	471.0	577
7.	Boron (as B) mg/l	0.5/1.0	0.07	<0.06	<0.06	<0.06
8.	Calcium (as Ca) ,mg/l	75/200	67.6	66.1	41.5	44.6
9.	Chloride (as Cl), mg/l	250/1000	123.7	54.2	38.5	30.4
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	1.10	0.43	0.66	0.92
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	0.06	<0.05	0.05	<0.05

14	Magnesium (as Mg), mg/l	30/100	22.4	25.2	13.1	16.8
15	Manganese (as Mn), mg/l	0.1/0.3	<0.01	<0.01	<0.01	<0.01
16	Nitrate (as NO_3), mg/l	45	1.64	1.90	0.82	<0.2
17	Sulphate (as SO_4), mg/l	200/400	78.5	65.7	40.5	57.3
18	Total Alkalinity (as $CaCO_3$)mg/l	200/600	168.4	221.0	189.5	194.7
19	Total Hardness(as $CaCO_3$) mg/l	300/600	261.5	269.2	157.7	180.7
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 3rd party M/s Earth care Pvt. Ltd.

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

Sr. No.	Parameters	Acceptable / Permissible Limit (IS 10500: 2012)	Concentration			
			Location			
			Borewell Water, Village-Wandhri	Dugwell Water , Village-Morwa	Dugwell Water, Village-Ghodpeth	Dugwell Water , Village-Tadali
			09-10-2020	09-10-2020	09-10-2020	09-10-2020
1.	Colour, Hazen units	5/15	1.0	1.0	1.0	2.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.48	7.46	7.46	7.53
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	<0.1	<0.10	0.11	0.26
6.	Total dissolved solids, mg/l	500/2000	646.0	497.0	470.0	611.0
7.	Boron (as B) mg/l	0.5/1.0	<0.06	<0.06	<0.06	<0.07
8.	Calcium (as Ca) ,mg/l	75/200	69.2	61.5	49.2	72.3
9.	Chloride (as Cl), mg/l	250/1000	81.8	53.3	33.6	63.7
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	1.20	0.52	0.65	0.53
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	0.11	<0.05	<0.05	<0.05
14	Magnesium (as Mg), mg/l	30/100	22.4	21.5	15.9	17.7
15	Manganese (as Mn), mg/l	0.1/0.3	<0.01	<0.01	<0.01	<0.01

16	Nitrate (as NO_3), mg/l	45	1.06	0.90	0.39	1.05
17	Sulphate (as SO_4), mg/l	200/400	92.4	65.7	44.6	53.7
18	Total Alkalinity (as $CaCO_3$)mg/l	200/600	195.7	189.4	178.9	189.4
19	Total Hardness (as $CaCO_3$) mg/l	300/600	265.4	242.3	188.5	253.8
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 3rd party M/s Earth care Pvt. Ltd.

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

Sr. No.	Parameters	Acceptable / Permissible Limit (IS 10500: 2012)	Concentration			
			Location			
			Dhariwal Radial Intake Well Water, Near Village-Wada	Near Old Switch Yard Piezometer -6	Near Recovery Pump House-I, PZ-1 (Ash Pond)	Near Recovery Pump House-II, PZ-2 (Ash Pond)
			09-10-2020	09-10-2020	09-10-2020	09-10-2020
1.	Colour, Hazen units	5/15	2.0	2.0	3.0	2.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.29	7.60	7.92	8.01
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	1.83	0.65	2.90	2.50
6.	Total dissolved solids, mg/l	500/2000	276.0	411.0	307.0	337.0
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	29.2	36.1	32.3	40.0
9.	Chloride (as Cl), mg/l	250/1000	30.4	28.5	28.0	36.1
10.	Copper (as Cu), mg/l	0.05/1.5	<0.04	<0.01	<0.01	<0.01
11.	Fluoride (as F), mg/l	1.0/1.5	<0.2	0.34	0.27	0.25
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	0.06
14	Magnesium (as Mg), mg/l	30/100	13.5	20.2	18.7	16.3
15	Manganese (as Mn), mg/l	0.1/0.3	<0.01	0.01	<0.01	<0.01

16	Nitrate (as NO_3), mg/l	45	<0.2	1.10	<0.2	<0.2
17	Sulphate (as SO_4), mg/l	200/400	34.4	60.8	62.7	60.3
18	Total Alkalinity (as $CaCO_3$)mg/l	200/600	126.3	157.8	136.8	142.1
19	Total Hardness (as $CaCO_3$) mg/l	300/600	128.8	173.0	157.7	167.3
20	Zinc (as Zn) mg/l	5/15	<0.04	0.05	<0.04	<0.04
21	Lead (as Pb) mg/l	0.01	<0.01	<0.01	<0.01	<0.01
22	Mercury (as Hg) mg/l	0.001	<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 3rd party M/s Earth care Pvt. Ltd.

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

Sr. No.	Parameters	Acceptable / Permissible Limit (IS 10500: 2012)	Concentration		
			Location		
			Ash Pond II, PZ-3	Near Railway Crossing of WB-2, PZ-4	Near ETP Security Post, PZ-5
			09-10-2020	09-10-2020	09-10-2020
1.	Colour, Hazen units	5/15	2.0	2.0	1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.8	7.69	7.52
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	2.20	1.82	0.90
6.	Total dissolved solids, mg/l	500/2000	341.0	416	443.0
7.	Boron (as B) mg/l	0.5/1.0	<0.06	<0.06	<0.06
8.	Calcium (as Ca) ,mg/l	75/200	34.6	47.6	52.3
9.	Chloride (as Cl), mg/l	250/1000	27.1	40.8	44.2
10.	Copper (as Cu), mg/l	0.05/1.5	<0.01	<0.01	0.01
11.	Fluoride (as F), mg/l	1.0/1.5	<0.20	0.44	0.53
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1
13	Iron (as Fe), mg/l	1.0	<0.05	<0.05	0.08
14	Magnesium (as Mg), mg/l	30/100	15.4	19.6	23.4
15	Manganese (as Mn), mg/l	0.1/0.3	<0.01	<0.01	<0.01

16	Nitrate (as NO_3), mg/l	45	<0.2	0.93	1.13
17	Sulphate (as SO_4), mg/l	200/400	62.6	53.2	67.8
18	Total Alkalinity (as $CaCO_3$)mg/l	200/600	147.3	157.8	163.1
19	Total Hardness (as $CaCO_3$) mg/l	300/600	150.0	200.0	226.9
20	Zinc (as Zn) mg/l	5/15	<0.04	<0.04	0.05
21	Lead (as Pb) mg/l	0.01	<0.01	<0.01	<0.01
22	Mercury (as Hg) mg/l	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
24	Total Chromium (as Cr) mg/l	0.05	<0.01	<0.01	0.01

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

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

Sr. No.	Parameters	Acceptable / Permissible Limit (IS 10500: 2012)	Concentration		
			Location		
			Dugwell Water , Village-Pandharkwada	Borewell Water, Village-Sonegaon	Dugwell Water, Village-Yerur
			19-01-2021	19-01-2021	19-01-2021
1.	Colour, Hazen units	5/15	1.0	1.0	1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.63	7.44	7.14
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	0.1	0.77	0.11
6.	Total dissolved solids, mg/l	500/2000	659.0	653	617
7.	Boron (as B) mg/l	0.5/1.0	0.08	<0.08	<0.06
8.	Calcium (as Ca) ,mg/l	75/200	69.2	69.2	46.1
9.	Chloride (as Cl), mg/l	250/1000	128.5	55.2	31.4
10.	Copper (as Cu), mg/l	0.05/1.5	<0.03	0.01	<0.01
11.	Fluoride (as F), mg/l	1.0/1.5	1.24	0.49	0.97
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1
13	Iron (as Fe), mg/l	1.0	0.09	0.06	<0.05
14	Magnesium (as Mg), mg/l	30/100	23.4	26.2	16.8
15	Manganese (as Mn), mg/l	0.1/0.3	<0.01	0.01	<0.01

16	Nitrate (as NO_3), mg/l	45	1.72	1.84	<0.2
17	Sulphate (as SO_4), mg/l	200/400	84.5	68.3	59.6
18	Total Alkalinity (as $CaCO_3$)mg/l	200/600	173.6	231.0	200.0
19	Total Hardness(as $CaCO_3$) mg/l	300/600	269.2	280.4	184.6
20	Zinc (as Zn) mg/l	5/15	<0.06	<0.05	<0.04
21	Lead (as Pb) mg/l	0.01	<0.01	<0.01	<0.01
22	Mercury (as Hg) mg/l	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
24	Total Chromium (as Cr) mg/l	0.05	<0.02	<0.02	<0.01

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

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

Sr. No.	Parameters	Acceptable / Permissible Limit (IS 10500: 2012)	Concentration			
			Location			
			Borewell Water, Village- Wandhri	Dugwell Water , Village- Morwa	Dugwell Water (Shiv Mandir , Village – Ghodpeth)	Dugwell Water, Village- Tadali
			19-01-2021	19-01-2021	19-01-2021	19-01-2021
1.	Colour, Hazen units	5/15	1.0	1.0	1.0	3.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.41	7.40	7.43	7.69
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	<0.1	<0.1	0.12	0.34
6.	Total dissolved solids, mg/l	500/2000	681.0	529.0	489.0	737.0
7.	Boron (as B) mg/l	0.5/1.0	<0.06	0.07	<0.06	<0.09
8.	Calcium (as Ca) ,mg/l	75/200	70.7	64.6	53.8	83.0
9.	Chloride (as Cl), mg/l	250/1000	82.8	55.2	34.2	74.2
10.	Copper (as Cu), mg/l	0.05/1.5	<0.01	0.01	<0.01	0.03
11.	Fluoride (as F), mg/l	1.0/1.5	1.26	0.59	0.70	0.62
12.	Free Residual Chlorine, mg/l	0.2/1.0	<0.1	<0.1	<0.1	<0.1
13	Iron (as Fe), mg/l	1.0	0.14	0.06	<0.05	<0.09
14	Magnesium (as Mg), mg/l	30/100	23.4	21.5	16.8	18.7
15	Manganese (as Mn), mg/l	0.1/0.3	<0.01	0.01	<0.01	0.01

16	Nitrate (as NO_3), mg/l	45	0.87	0.96	0.44	0.84
17	Sulphate (as SO_4), mg/l	200/400	94.2	68.2	45.4	62.5
18	Total Alkalinity (as $CaCO_3$)mg/l	200/600	200.0	194.7	184.2	194.7
19	Total Hardness (as $CaCO_3$) mg/l	300/600	273.0	250.0	203.8	284.6
20	Zinc (as Zn) mg/l	5/15	<0.05	0.05	<0.05	0.05
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	<0.02

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

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

Sr. No.	Parameters	Acceptable / Permissible Limit (IS 10500: 2012)	Concentration			
			Location			
			Dhariwal Radial Intake Well Water, Near Village-Wada	Near Old Switch Yard Piezometer -6	Near Recovery Pump House-I, PZ-1 (Ash Pond)	Near Recovery Pump House-II, PZ-2 (Ash Pond)
			19-01-2021	19-01-2021	19-01-2021	19-01-2021
1.	Colour, Hazen units	5/15	3.0	2.0	2.0	3.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.3	7.71	7.69	7.74
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	1.64	0.79	2.73	2.16
6.	Total dissolved solids, mg/l	500/2000	281.0	434.0	324.0	352.0
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	31.5	40.0	34.6	44.6
9.	Chloride (as Cl), mg/l	250/1000	32.3	32.3	29.5	39.5
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	<0.1	0.40	0.34	0.29
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	0.09	<0.05	0.08
14	Magnesium (as Mg), mg/l	30/100	14.0	21.5	19.1	17.3
15	Manganese (as Mn), mg/l	0.1/0.3	<0.01	0.01	<0.01	<0.01

16	Nitrate (as NO_3), mg/l	45	<0.2	0.95	<0.2	<0.2
17	Sulphate (as SO_4), mg/l	200/400	36.2	65.3	65.4	62.4
18	Total Alkalinity (as $CaCO_3$)mg/l	200/600	131.5	163.1	147.3	147.3
19	Total Hardness (as $CaCO_3$) mg/l	300/600	136.5	188.4	165.3	182.6
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 3rd party M/s Earth care Pvt. Ltd.

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

Sr. No.	Parameters	Acceptable / Permissible Limit (IS 10500: 2012)	Concentration			
			Location			
			Ash Pond II, PZ-3	Near Railway Crossing of WB-2, PZ-4	Near ETP Security Post, PZ-5	Dugwell Water, Village-Sakharwahi
			19-01-2021	19-01-2021	19-01-2021	19-01-2021
1.	Colour, Hazen units	5/15	2.0	3.0	1.0	1.0
2.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH value	6.5 to 8.5	7.9	7.72	7.60	7.61
4.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU	1/5	2.28	1.93	0.84	0.34
6.	Total dissolved solids, mg/l	500/2000	364.0	428	436.0	496.0
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	38.4	47.6	49.2	44.6
9.	Chloride (as Cl), mg/l	250/1000	29.5	43.3	41.8	39.0
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	0.16	0.47	0.48	0.73
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	0.06	0.05
14	Magnesium (as Mg), mg/l	30/100	16.8	21.5	23.4	14.5
15	Manganese (as Mn), mg/l	0.1/0.3	<0.01	<0.01	<0.01	<0.01

16	Nitrate (as NO_3), mg/l	45	0.28	0.84	0.87	0.73
17	Sulphate (as SO_4), mg/l	200/400	66.7	68.4	65.3	44.9
18	Total Alkalinity (as $CaCO_3$)mg/l	200/600	152.6	163.1	157.8	194.7
19	Total Hardness (as $CaCO_3$) mg/l	300/600	165.3	207.6	219.2	171.1
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 3rd party M/s Earth care Pvt. Ltd.

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

Annexure - 2

STACK EMISSION QUALITY STATUS OCTOBER-2020 TO MARCH-2021

Sr. No.	Parameters	Concentration											
		OCT -2020		NOV-2020		DEC-2020		JAN-2021		FEB-2021		MAR-2021	
		TPP Unit I	TPP Unit II	TPP Unit I	TPP Unit II	TPP Unit I	TPP Unit II	TPP Unit I	TPP Unit II	TPP Unit I	TPP Unit II	TPP Unit I	TPP Unit II
1.	Total Particulate Matter, mg/Nm^3	32.8	33.2	29.8	32.9	28.2	25.5	22.1	24.3	25.6	22.5	21.2	23.5
2.	Sulphur Dioxide as SO_2, mg/Nm^3	1111.9	1726.8	1079.7	1571.3	1164.8	1464.2	1058.0	1387.7	1244.1	1354.1	982.8	1159.2
3.	Sulphur Dioxide as SO_2, Kg/Hr	920.9	1377.6	878.5	1257.1	1091.3	1184.0	870.1	1108.6	1153.2	1225.4	1032.8	1328.6
4.	Oxides of Nitrogen as NO_2, mg/Nm^3	288.9	222.9	292.5	269.1	361.5	330.5	319.0	327.2	330.1	360.7	327.2	307.2
5.	Oxides of Nitrogen as NO_2, ppm	153.5	118.5	155.5	143.1	192.1	175.7	169.5	173.9	175.4	191.7	173.9	163.3
6.	Mercury as Hg, mg/Nm^3	0.001	0.002	0.001	0.002	0.002	0.002	0.003	0.001	0.001	0.002	0.002	0.001
Note: All the above Stack monitoring & Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.													

STACK EMISSION QUALITY STATUS – OCTOBER-2020 TO MARCH-2021									
Sr. No	**Parameters**	**OCTOBER – 2020**				**JANUARY-2021**			
		D.G. Set No.1 1500 KVA (Left Bank)	**D.G. Set No.2 1500 KVA** (Left Bank)	**D.G. Set No.1 1500 KVA** (Right Bank)	**D.G. Set No.2 1500 KVA** (Right Bank)	**D.G. Set No.1 1500 KVA** (Left Bank)	**D.G. Set No.2 1500 KVA** (Left Bank)	**D.G. Set No.1 1500 KVA** (Right Bank)	**D.G. Set No.2 1500 KVA** (Right Bank)
1.	Total Particulate Matter, mg/Nm^3	28.3	30.5	26.8	28.1	24.5	25.3	27.4	28.5
2.	Sulphur Dioxide as SO_2, mg/ Nm^3	37.3	38.7	34.6	33.5	35.9	38.7	40.1	37.7
3.	Sulphur Dioxide as SO_2, Kg/Hr	0.10	0.11	0.10	0.10	0.10	0.11	0.12	0.11
4.	Oxides of Nitrogen as NO_2,mg/Nm^3	105.9	108.1	97.5	102.4	116.8	119.7	116.0	119.3
5.	Oxides of Nitrogen as NO_2 , ppm	56.3	57.4	51.8	54.4	62.0	63.6	61.6	63.4
Note: All the above Stack monitoring & Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.									

Annexure-3

RP - Sanjiv Goenka Group
Growing Legacies

DHARIWAL INFRASTRUCTURE LIMITED

Dhariwal Infrastructure Limited

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

Ref: DIL/HSE/F 05/21-22/ 08

Date: 12.04.2021

To,

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

Sub : Submission of Annual Ash Generation & Utilization report for the period from 1st April 2020 to 31st March 2021.

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

Dear Sir,

This is with reference to the above notifications, please find attached herewith, the compliance of ash generation & utilization report for the period from 1st April 2020 to 31st March 2021, in the prescribed format for your ready reference.

We hope you will find the same in order.

Thanking you,

Yours faithfully,
For **Dhariwal Infrastructure Limited.**

Authorized Signatory

Encl: As above.

CC:

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

Fly Ash Notification S.O. 2804(E), 3rd November, 2009 – Statutory Compliance Report for the period 01.04.2020 to 31.03.2021

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	dil.hse@rpsg.in
4	Name of the Nodal Officer (not below the rank of DGM / Dy. CE / or equivalent) dealing with ash/environment management and designation	Amol Giradkar (Chief Manager)
5	Contact No.	9561112015
6	Fax No. **Email:**	dil.hse@rpsg.in
7	Capacity of the Thermal Power Station (MW)	600 MW
8	Details of Number of Units and capacity of each unit	2X300 MW
9	Coal / Lignite Consumption in 2020-2021 (in **Million Tonnes**)	2.744739

A. Ash Generation in 2020-2021 (in tonnes).

10	Bottom Ash	93464
11	Fly Ash	837862
	Total A (10 to 11)	931326

B. Ash unutilised (in tonnes)

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

C. Ash utilization in 2020-2021 (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 dyke raising (if applicable)	-	-	-	-	-
16 *	Cement industry	-	769414	-	1413	770827
17	Land fill	-	-	-	-	-
18	Own Brick Unit	-	-	-	-	-
19 *	Outside brick Units other than brick kilns	-	9515	-	57749	67264
20 *	Brick Kilns	-	-	-	-	-
21	Own ash based products (other than bricks)	-	-	-	-	-
22	Ash based products (outside)	-	-	-	-	-
23 *	Road and Flyover Embankments	-	126	-	9670	9796
24 *	Back filling of mines	-	56047	17410	24632	98089
25	Agriculture	-	-	-	-	-

26	Ready mix concrete	-	-	-	-	-
27	Asbestos	-	-	-	-	-
28 *	Exports	-	-	-	-	-
29	Others (please specify)	-	-	-	-	-
	Total C (15 to 29)		**835102**	**17410**	**93464**	**G. Total: 945976**

REMARK :- 14650 MT of ash balance in previous FY 19-20 (in the month of MARCH-2020) due to COVID-19 nationwide lockdown , same was utilized in FY-20-21.

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 31.03.2021 (in **Million Tonnes**)	0.00

G. Ash Pond Details

31	Total area ear marked for ash ponds (ha)	Forest Area	Non Forest Area	Total
32	Ash ponds already filled dup 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 31.03.2020 (tonnes)	Capacity proposed if any in 2020-2021 (tonnes)
	3620 (Maximum generation during full load)	3280	Nil

J. Capital Expenditure (Rs. Lakhs)

	Item	Item Expenditure in 2020-2021 (Rs. Lakhs)	Budgetary provision in 2020-2021 (tonnes)
39	Bottom Ash collection facility	Facility already exists	Not required as Facility already exists
40	Dry fly ash storage	Facility already exists	Not required as Facility already exists

K. Dispute Settlement Committee

41	No. of meetings held in 2020-2021	If no meetings were held, reason for the same

	Nil	Due to Covid-19 preventive measures no in person meetings are organized. 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	44	Dry ash	N/A
		45	Wet Ash	N/A

M.Promotional Measures

		No. of meetings / workshops exhibition held during 2020-2021	Amount spent in 2020-2021 (Rs. Lakhs)	Outlay for 2021-2022 (Rs. Lakhs)
46	Public Awareness Campaign	0	0.3	0.5
47	Exhibitions	1		
48	Seminars / Workshops	-		
49	Advertisement in Newspapers	-		
50	TV / Radio Advertisements	-		
51	TV / Radio Advertisements	-		
	Total M (46 to 51)	**1**		

52. Administrative Measure taken

S. No.	Administrative Measure	Outcome
(i)	Meeting with brick manufacturers	Due to Covid-19 preventive measures no in person meetings are organized.
(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)	

12/4/2021

Signature of the Plant Head

Name: Bhaskar Kumar Ganguly
Designation: Station Head
Date: 12.04.2021

Annexure – 4

EFFLUENT QUALITY STATUS

EFFLUENT QUALITY MONITORING REPORT – OCTOBER-2020 TO MARCH-2021									
Sr. No.	**Parameter**	**NORMS**		**OCT-20**	**NOV-20**	**DEC-20**	**JAN-21**	**FEB-21**	**MAR-21**
1.	**PH**	**6.5 to 8.5**	**ETP Outlet**	7.2	7.6	7.3	7.2	7.4	7.6
2.	**Total Suspended Solid**	**100 mg/l**		12.0	14.0	12.0	10.0	22.0	16.0
3.	**Oil & Grease**	**10 mg/l**		<0.2	<0.2	<0.2	BDL	BDL	BDL
4.	**Biochemical Oxygen Demand (3 days/27°C)**	**30 mg/l**		8.0	9.40	11.0	8.0	9.0	17.0
5.	**Chemical Oxygen demand**	**250 mg/l**		60.7	68.0	75.1	84.0	96.0	98.0
6.	**Total Dissolved Solid**	**2100 mg/l**		1218.0	1246.0	1382.0	1346.0	1238.0	1272.0
Note:The Effluent Quality monitoring done MOEF approved 3rd party M/s Earth care Pvt. Ltd.									

Effluent Quality Monitoring report OCTOBER-2020 TO MARCH-2021															
Sl. No.	**Parameter**	**Norms**		**OCT-20**		**NOV-20**		**DEC-20**		**JAN-21**		**FEB-21**		**MAR-21**	
				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**	**Condenser cooling Water**	7.7	7.5	7.8	7.5	7.4	7.2	7.2	7.6	7.6	7.9	7.8	8.0
2	**Temp.**	**<5ºC higher than Intake water**		3.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0
3	**Free Available Chlorine**	**0.5 mg/l**		0.13	0.10	0.11	0.14	0.12	0.1	0.18	0.2	0.17	0.18	0.15	0.17
Note:	**Effluent Quality monitoring done by MoEF approved 3rd party M/s Earth care Pvt. Ltd.**														

Effluent Quality Monitoring report OCTOBER-2020 TO MARCH-2021															
Sl.No.	**Parameter**	**Norms**		**OCT-20**		**NOV-20**		**DEC-20**		**JAN-21**		**FEB-21**		**MAR-21**	
				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	**Total Suspended solid**	**100 mg/l**	**Boiler Blow Down**	3.6	4.0	3.4	3.2	2.0	4.4	8.0	2.8	2.0	3.2	4.0	3.6
2	**Oil & Grease**	**10 mg/l**		<0.2	<0.2	<0.2	<0.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3	**Copper(Total)**	**1 mg/l**		0.06	0.04	0.06	0.03	0.05	0.02	0.06	0.03	0.07	0.04	0.06	0.05
4	**Iron(Total),mg/l**	**1 mg/l**		0.14	0.10	0.18	0.11	0.15	0.08	0.18	0.10	0.16	0.12	0.18	0.14
Note:	**The Effluent Quality monitoring done by MoEF approved M/s Earth care Pvt. Ltd.**														

Effluent Quality Monitoring report From OCTOBER-2020 TO MARCH-2021														
Sl.No.	**Parameter**	**Norms**		**OCT-20**		**NOV-20**		**DEC-20**		**JAN-21**		**FEB-21**		**MAR-21**	
				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	**Free Available chlorine**	**0.5 mg/l**	**Cooling tower blow down**	0.11	0.12	0.11	0.15	0.17	0.16	0.18	0.14	0.17	0.12	0.16	0.11
2	**Zinc**	**1 mg/l**		0.17	0.15	0.20	0.16	0.22	0.18	0.24	0.19	0.24	0.20	0.31	0.22
3	**Chromium (Total)**	**0.2 mg/l**		0.07	0.07	0.08	0.08	0.12	0.14	0.14	0.16	0.12	0.18	0.14	0.16
4	**Phosphate**	**5 mg/l**		1.02	1.09	0.94	0.97	0.6	1.01	1.61	1.77	3.72	3.81	2.80	2.70
Note:	**The Effluent Quality Monitoring done by MoEF approved 3rd Party M/s Earth care Pvt. Ltd.**														

Effluent Quality Monitoring report From OCTOBER-2020 TO MARCH-2021									
Sl.No.	**Parameter**	**unit**		**OCT-20**	**NOV-20**	**DEC-20**	**JAN-21**	**FEB-21**	**MAR-21**
1	**PH**	**--**	**Ash Pond**	7.9	7.8	8.2	8.0	8.1	8.2
2	**Oil & grease**	**mg/l**		<0.2	<0.2	<0.2	BDL	BDL	BDL
3	**TSS**	**mg/l**		12.0	11.2	10.0	13.2	12.2	13.2
4	**Lead (As Pb)**	**mg/l**		0.07	0.05	0.04	0.05	0.04	0.03
5	**Mercury (As Hg)**	**mg/l**		0.006	BDL	BDL	BDL	BDL	BDL
6	**Total Chromium (As Cr)**	**mg/l**		0.07	0.08	0.06	0.08	0.07	0.04
7	**Total Arsenic (As As)**	**mg/l**		0.05	BDL	BDL	BDL	BDL	BDL
Note:	**Effluent Quality Monitoring done by MoEF approved 3rd Party M/s Earth care Pvt. Ltd.**								

Effluent Quality Monitoring report From OCTOBER-2020 TO MARCH-2021										
Sl.No.	**Parameter**	**Norms**	**Unit**		**OCT-20**	**NOV-20**	**DEC-20**	**JAN-21**	**FEB-21**	**MAR-21**
1	**PH**	**6.5-9.0**		**STP Treated Effluent**	7.4	7.3	7.2	7.8	7.5	7.6
2	**Total Suspended Solids (TSS)**	**50**	**mg/L**		10.0	12.0	14.0	4.0	6.0	8.0
3	**BOD**	**30**	**mg/L**		7.0	8.0	10.0	11.5	12.0	6.4
Note:	**Effluent Quality Monitoring done by MoEF approved 3rd Party M/s Earth care Pvt. Ltd.**									

Annexure-5

भारत सरकार
Government of India
वाणिज्य और उद्योग मंत्रालय
Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)
Petroleum & Explosives Safety Organisation (PESO)
प्लाट संख्या 36-37, वार्ड संख्या 38, राठी लेआउट, राष्ट्रभाषा 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 अग्रेषित की जा रही 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
कृते 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)

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

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

अनुज्ञप्ति सं. (Licence No.) : **P/HQ/MH/15/6129(P294572)** फीस रूपए (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 इसमें यथा विनिर्दिष्टु वर्ग और मात्राओं में पेट्रोलियम **2000.00 KL** आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या **P/HQ/MH/15/6129(P294572)** तारीख **29/10/2014** जो कि इससे उपाबद्ध हैं, में दिखाए गए स्थान पर भण्डारकरण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अतिरिक्त शर्तों के अधीन रहते हुए, यह अनुज्ञप्ति अनुदत्त की जाती हैं ।

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

यह अनुज्ञप्ति 31st day of December **2022** तक प्रवृत रहेगी ।
The Licence shall remain in force till the 31st day of December **2022**

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त 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

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

अनुज्ञप्त परिसर जिसकी विन्यास सीमाए अन्य विशिष्टयां संलग्न अनुमोदित नक्शो 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 हैं ।

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.

पेज स. 2

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

नवीनीकरण के पृष्ठांकन के लिए स्थान
SPACE FOR ENDORSEMENT OF RENEWALS

पेट्रोलियम अधिनियम, १९३४ के उपबन्धों या उनके अधीन बनाए गए नियमों या इस अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में यह अनुज्ञप्ति फ़िस में बिना किसी छूट के दस वर्ष तक नवीकृत की जा सकेगी । 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.	नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry of license	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature and office stamp of the licencing authority.
1).	10/01/2014	31/12/2014	Sd/- C.G.Kalambhe 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 नियंत्रक, वर्धा Controller of Explosives, Wardh.

यदि अनुज्ञप्ति परिसर इसमें उपाबद्ध विवरण और शर्तों के अनुरुप नही पाए जाते है और जिन नियमो और शर्तो के अधीन यह अनुज्ञप्ति मंजूर की गई है उनमे से किसी का उल्लंघन होने की दशा में यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्तिधारी 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 दोनो से, और प्रत्येक पश्चातवर्ती 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

Annexure-6

Photographs of Plantation inside Plant Premises

Annexure –7(A)

AMBIENT NOISE QUALITY STATUS

Location			AAQMS Cabin-01 (Near VIP Gate)		AAQMS Cabin-02 (Near ETP & RWH Pond)		AAQMS Cabin-03 (Near Old Switch Yard)	
Parameters	**Month**	**Reading**	**During Day Time**	**During Night Time**	**During Day Time**	**During Night Time**	**During Day Time**	**During Night Time**
Noise Level in dB (A)	**OCT-2020**	Leq	63.2	58.3	66.3	56.4	63.6	56.6
	NOV-2020	Leq	64.0	58.8	67.1	58.2	65.5	58.5
	DEC-2020	Leq	64.1	59.0	66.9	57.7	65.0	58.1
	JAN-2021	Leq	63.1	58.5	66.7	56.8	63.8	57.0
	FEB-2021	Leq	62.8	58.1	66.4	56.5	63.4	56.9
	MAR-2021	Leq	62.7	58.4	65.8	56.0	63.2	57.0
Norms		**Industrial Area**	**75**	**70**	**75**	**70**	**75**	**70**
Note: Noise Quality Monitoring done by MoEF approved 3rd Party M/s Earth care Pvt. Ltd.								

Annexure –7(B)

WORK PLACE NOISE QUALITY STATUS

Month			OCT-2020		JAN-2021	
Parameters	**Sr. No.**	**Location**	**Norms**	**Reading**	**Norms**	**Reading**
Noise Level in dB (A)	**1**	**ID Fan U#1**	**85**	77.7	**85**	77.5
	2	**ID Fan U#2**	**85**	76.9	**85**	76.8
	3	**FD Fan U#1**	**85**	76.8	**85**	76.4
	4	**FD Fan U#2**	**85**	76.2	**85**	76.0
	5	**TG-12 mtr U#1**	**85**	75.7	**85**	75.9
	6	**TG-12 mtr U#2**	**85**	76.8	**85**	77.0
	7	**MOT tank (TG-6 mtr. U#1)**	**85**	80.7	**85**	80.7
	8	**MOT tank (TG-6 mtr. U#2)**	**85**	79.6	**85**	80.1
	9	**DG Compressor**	**85**	80.7	**85**	81.0

Month			OCT-2020		JAN-2021	
Parameters	**Sr. No.**	**Location**	**Norms**	**Reading**	**Norms**	**Reading**
Noise Level in dB (A)	**10**	**AHP Compressor Room**	**85**	76.9	**85**	77.0
	11	**Boiler-1 # 12 mtr.**	**85**	78.4	**85**	78.3
	12	**Boiler-2 # 12 mtr.**	**85**	79.7	**85**	79.9
	13	**BFP TG-1 Unit#1**	**85**	81.5	**85**	81.6
	14	**BFP TG-2 Unit#2**	**85**	79.9	**85**	79.9
	15	**Crusher Floor**	**85**	79.9	**85**	79.5
	16	**Screen floor**	**85**	74.7	**85**	74.5
	17	**DSS Pump house**	**85**	54.8	**85**	54.6
Note: Workplace Noise Quality Monitoring done by MoEF approved 3rd Party M/s Earth care Pvt. Ltd.						

Month			OCT-2020		JAN-2021	
Parameters	**Sr. No.**	**Location**	**Norms**	**Reading**	**Norms**	**Reading**
Noise Level in dB (A)	**18**	**Ash Slurry Pump House**	**85**	78.1	**85**	77.6
	19	**LDO Pump house**	**85**	77.2	**85**	76.9
	20	**CW Pump house**	**85**	80.0	**85**	80.1
	21	**Mill-1**	**85**	73.9	**85**	74.0
	22	**Mill-2**	**85**	74.7	**85**	74.5
	23	**Chiller area**	**85**	63.9	**85**	64.0
	24	**Wagon Tippler**	**85**	77.1	**85**	76.8
	25	**Fire Pump house**	**85**	78.8	**85**	79.1
Note: Workplace Noise Quality Monitoring done by MoEF approved 3rd Party M/s Earth care Pvt. Ltd.						

Annexure – 8

AMBIENT AIR QUALITY STATUS

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

Sr. No.	Parameters	Norms	TWA	Concentration					
				OCT-20	NOV-20	DEC-20	JAN-21	FEB-21	MAR-21
1.	Sulphur Dioxide (SO_2) µg/m^3	80	24 Hrs	7.76	7.79	9.33	10.6	8.88	10.4
2.	Nitrogen Dioxide (NO_2) µg/m^3	80	24 Hrs	15.8	15.3	17.2	19.6	18.4	19.5
3.	Particulate Matter of size less than 10 µm (PM_{10}) µg/m^3	100	24 Hrs	48.1	44.3	44.8	54.1	52.0	56.4
4.	Particulate Matter of size less than 2.5 µm ($PM_{2.5}$)µg/m^3	60	24 Hrs	20.0	19.1	19.6	24.4	23.4	27.1
5.	Ozone (O_3) (µg/m^3)	100	8 Hrs	3.84	3.70	3.47	4.82	3.73	4.53
6.	Lead (Pb) (µg/m^3)	1.0	24 Hrs	0.02	0.01	0.02	0.04	0.03	0.06
7.	Carbon Monoxide (CO) (mg/m^3)	2	8 Hrs	0.06	0.04	0.1	0.16	0.14	0.18
8.	Ammonia (NH_3) (µg/m^3)	400	24 Hrs	2.39	2.16	2.27	3.86	3.65	4.93
9.	Benzene (C_6H_6) (µg/m^3)	5	Annual	0.97	0.86	1.12	1.88	1.71	2.18
10.	Benzo(a) Pyrene (BaP) (ng/m^3)	1	Annual	0.24	0.22	0.34	0.51	0.44	0.63
11.	Arsenic (As) (ng/m^3)	6	Annual	0.90	0.86	0.93	1.38	1.24	1.80
12.	Nickel (Ni) (ng/m^3)	20	Annual	2.56	2.46	3.44	4.49	4.27	5.82
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.									

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

Sr. No.	Parameters	Norms	TWA	Concentration					
				OCT-20	NOV-20	DEC-20	JAN-21	FEB-21	MAR-21
1.	Sulphur Dioxide (SO_2) µg/m^3	80	24 Hrs	7.38	7.69	8.48	8.89	8.16	8.72
2.	Nitrogen Dioxide (NO_2) µg/m^3	80	24 Hrs	14.3	15.4	15.2	18.6	17.5	17.7
3.	Particulate Matter of size less than 10 µm (PM_{10}) µg/m^3	100	24 Hrs	47.2	45.3	44.8	48.1	46.0	49.0
4.	Particulate Matter of size less than 2.5 µm ($PM_{2.5}$)µg/m^3	60	24 Hrs	19.7	19.2	19.5	21.4	20.7	23.6
5.	Ozone (O_3) (µg/m^3)	100	8 Hrs	3.70	3.45	3.57	3.78	3.42	3.22
6.	Lead (Pb) (µg/m^3)	1.0	24 Hrs	0.02	0.01	0.01	0.02	0.02	0.03
7.	Carbon Monoxide (CO) (mg/m^3)	2	8 Hrs	0.03	0.02	0.06	0.08	0.07	0.14
8.	Ammonia (NH_3) (µg/m^3)	400	24 Hrs	2.53	2.27	2.25	2.55	2.42	2.82
9.	Benzene (C_6H_6) (µg/m^3)	5	Annual	1.70	1.64	1.29	1.44	1.31	1.56
10.	Benzo(a) Pyrene (BaP) (ng/m^3)	1	Annual	0.24	0.22	0.26	0.31	0.28	0.58
11.	Arsenic (As) (ng/m^3)	6	Annual	1.26	1.19	1.16	1.20	1.15	1.45
12.	Nickel (Ni) (ng/m^3)	20	Annual	2.97	2.14	2.92	3.13	2.94	3.63
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.									

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

Sr. No.	Parameters	Norms	TWA	Concentration					
				OCT-20	NOV-20	DEC-20	JAN-21	FEB-21	MAR-21
1.	Sulphur Dioxide (SO_2) µg/m^3	80	24 Hrs	8.26	8.15	8.48	9.14	9.82	9.75
2.	Nitrogen Dioxide (NO_2) µg/m^3	80	24 Hrs	16.2	16.5	16.9	19.1	19.7	19.7
3.	Particulate Matter of size less than 10 µm (PM_{10}) µg/m^3	100	24 Hrs	51.3	48.4	58.5	58.1	57.5	58.4
4.	Particulate Matter of size less than 2.5 µm ($PM_{2.5}$)µg/m^3	60	24 Hrs	25.2	23.9	24.4	26.1	26.2	26.7
5.	Ozone (O_3) (µg/m^3)	100	8 Hrs	3.96	3.51	3.33	5.07	5.28	5.14
6.	Lead (Pb) (µg/m^3)	1.0	24 Hrs	0.03	0.02	0.03	0.06	0.07	0.08
7.	Carbon Monoxide (CO) (mg/m^3)	2	8 Hrs	0.07	0.08	0.16	0.19	0.20	0.23
8.	Ammonia (NH_3) (µg/m^3)	400	24 Hrs	2.69	2.70	2.34	4.59	4.53	5.19
9.	Benzene (C_6H_6) (µg/m^3)	5	Annual	1.29	1.24	1.57	2.40	2.51	2.67
10.	Benzo(a) Pyrene (BaP) (ng/m^3)	1	Annual	0.23	0.25	0.28	0.44	0.48	0.53
11.	Arsenic (As) (ng/m^3)	6	Annual	1.22	1.16	1.17	1.52	1.63	1.79
12.	Nickel (Ni) (ng/m^3)	20	Annual	2.88	2.92	3.12	4.89	5.05	4.04
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.									

4.0 Location: - GET Hostel

Sr. No.	Parameters	Norms	TWA	Concentration					
				OCT-20	NOV-20	DEC-20	JAN-21	FEB-21	MAR-21
1.	Sulphur Dioxide (SO_2) µg/m^3	80	24 Hrs	6.53	6.09	6.33	7.40	7.76	8.33
2.	Nitrogen Dioxide (NO_2) µg/m^3	80	24 Hrs	13.4	11.5	11.4	13.5	14.4	15.3
3.	Particulate Matter of size less than 10 µm (PM_{10}) µg/m^3	100	24 Hrs	46.5	41.5	39.1	44.4	42.5	45.7
4.	Particulate Matter of size less than 2.5 µm ($PM_{2.5}$)µg/m^3	60	24 Hrs	19.9	17.5	17.3	18.0	17.4	20.9
5.	Ozone (O_3) (µg/m^3)	100	8 Hrs	2.97	1.93	1.86	2.89	2.92	2.20
6.	Lead (Pb) (µg/m^3)	1.0	24 Hrs	0.03	0.01	0.02	0.02	0.02	0.02
7.	Carbon Monoxide (CO) (mg/m^3)	2	8 Hrs	0.05	0.02	0.06	0.07	0.06	0.07
8.	Ammonia (NH_3) (µg/m^3)	400	24 Hrs	2.35	2.41	2.39	2.91	3.18	1.76
9.	Benzene (C_6H_6) (µg/m^3)	5	Annual	1.48	1.22	1.33	1.53	1.51	1.42
10.	Benzo(a) Pyrene (BaP) (ng/m^3)	1	Annual	0.26	0.21	0.28	0.34	0.31	0.33
11.	Arsenic (As) (ng/m^3)	6	Annual	1.28	1.16	1.20	1.40	1.31	1.33
12.	Nickel (Ni) (ng/m^3)	20	Annual	3.77	1.24	1.80	2.34	2.26	2.12
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.									

5.0 Location: - Near Ash Pond

Sr. No.	Parameters	Norms	TWA	Concentration					
				OCT-20	NOV-20	DEC-20	JAN-21	FEB-21	MAR-21
1.	Sulphur Dioxide (SO_2) µg/m^3	80	24 Hrs	6.56	6.25	6.45	6.59	7.14	7.71
2.	Nitrogen Dioxide (NO_2) µg/m^3	80	24 Hrs	13.3	10.4	11.2	12.6	12.9	12.6
3.	Particulate Matter of size less than 10 µm (PM_{10}) µg/m^3	100	24 Hrs	43.1	40.6	42.1	47.4	45.3	44.2
4.	Particulate Matter of size less than 2.5 µm ($PM_{2.5}$)µg/m^3	60	24 Hrs	19.7	19.4	19.4	21.7	22.4	20.1
5.	Ozone (O_3) (µg/m^3)	100	8 Hrs	3.33	2.82	2.72	2.04	2.87	2.33
6.	Lead (Pb) (µg/m^3)	1.0	24 Hrs	0.02	0.01	0.01	0.02	0.02	0.02
7.	Carbon Monoxide (CO) (mg/m^3)	2	8 Hrs	0.06	0.02	0.02	0.05	0.06	0.05
8.	Ammonia (NH_3) (µg/m^3)	400	24 Hrs	1.53	1.49	1.02	1.98	1.44	1.11
9.	Benzene (C_6H_6) (µg/m^3)	5	Annual	0.80	0.82	0.66	0.84	0.91	1.06
10.	Benzo(a) Pyrene (BaP) (ng/m^3)	1	Annual	0.18	0.17	0.12	0.27	0.25	0.27
11.	Arsenic (As) (ng/m^3)	6	Annual	0.94	0.88	0.57	0.94	0.90	0.93
12.	Nickel (Ni) (ng/m^3)	20	Annual	2.75	1.25	0.93	1.10	1.05	2.18
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.									

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

Sr. No.	Parameters	Norms	TWA	Concentration					
				OCT-20	NOV-20	DEC-20	JAN-21	FEB-21	MAR-21
1.	Sulphur Dioxide (SO_2) µg/m^3	80	24 Hrs	7.49	6.27	6.77	7.26	7.53	9.75
2.	Nitrogen Dioxide (NO_2) µg/m^3	80	24 Hrs	13.6	9.61	10.5	10.5	11.7	19.7
3.	Particulate Matter of size less than 10 µm (PM_{10}) µg/m^3	100	24 Hrs	54.0	47.0	48.1	46.6	46.1	58.4
4.	Particulate Matter of size less than 2.5 µm ($PM_{2.5}$)µg/m^3	60	24 Hrs	23.1	19.9	21.3	22.4	22.7	26.7
5.	Ozone (O_3) (µg/m^3)	100	8 Hrs	2.41	1.92	1.85	1.92	1.84	5.14
6.	Lead (Pb) (µg/m^3)	1.0	24 Hrs	0.03	0.02	0.02	0.03	0.02	0.08
7.	Carbon Monoxide (CO) (mg/m^3)	2	8 Hrs	0.06	0.01	0.03	0.06	0.05	0.23
8.	Ammonia (NH_3) (µg/m^3)	400	24 Hrs	1.49	1.04	1.02	0.77	0.68	5.19
9.	Benzene (C_6H_6) (µg/m^3)	5	Annual	0.79	0.53	0.54	0.64	0.59	2.67
10.	Benzo(a) Pyrene (BaP) (ng/m^3)	1	Annual	0.21	0.12	0.12	0.19	0.20	0.53
11.	Arsenic (As) (ng/m^3)	6	Annual	0.61	0.58	0.61	0.05	0.04	1.79
12.	Nickel (Ni) (ng/m^3)	20	Annual	2.57	2.0	1.26	1.36	1.24	4.04
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.									

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

Sr. No.	Parameters	Norms	TWA	Concentration					
				OCT-20	NOV-20	DEC-20	JAN-21	FEB-21	MAR-21
1.	Sulphur Dioxide (SO_2) µg/m^3	80	24 Hrs	7.25	6.76	7.28	7.72	7.63	8.30
2.	Nitrogen Dioxide (NO_2) µg/m^3	80	24 Hrs	12.5	10.8	11.18	10.4	10.3	11.2
3.	Particulate Matter of size less than 10 µm (PM_{10}) µg/m^3	100	24 Hrs	50.6	45.7	49.1	46.9	48.9	43.7
4.	Particulate Matter of size less than 2.5 µm ($PM_{2.5}$)µg/m^3	60	24 Hrs	21.4	19.7	21.8	22.9	23.2	19.3
5.	Ozone (O_3) (µg/m^3)	100	8 Hrs	2.26	2.11	1.88	2.05	2.73	2.17
6.	Lead (Pb) (µg/m^3)	1.0	24 Hrs	0.02	0.01	0.02	0.03	0.03	0.01
7.	Carbon Monoxide (CO) (mg/m^3)	2	8 Hrs	0.05	0.02	0.04	0.05	0.07	0.06
8.	Ammonia (NH_3) (µg/m^3)	400	24 Hrs	1.44	1.49	1.73	1.45	1.89	1.03
9.	Benzene (C_6H_6) (µg/m^3)	5	Annual	0.79	0.65	0.70	0.74	0.79	0.84
10.	Benzo(a) Pyrene (BaP) (ng/m^3)	1	Annual	0.18	0.16	0.10	0.13	0.19	0.23
11.	Arsenic (As) (ng/m^3)	6	Annual	0.70	0.64	0.54	0.65	0.74	0.72
12.	Nickel (Ni) (ng/m^3)	20	Annual	2.45	2.28	1.32	1.40	1.82	1.64
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.									

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

Sr. No.	Parameters	Norms	TWA	Concentration					
				OCT-20	NOV-20	DEC-20	JAN-21	FEB-21	MAR-21
1.	Sulphur Dioxide (SO_2) µg/m^3	80	24 Hrs	8.24	8.10	8.21	8.90	8.79	8.81
2.	Nitrogen Dioxide (NO_2) µg/m^3	80	24 Hrs	15.2	14.3	15.1	14.5	14.2	14.0
3.	Particulate Matter of size less than 10 µm (PM_{10}) µg/m^3	100	24 Hrs	56.4	53.6	54.5	52.5	51.6	51.4
4.	Particulate Matter of size less than 2.5 µm ($PM_{2.5}$)µg/m^3	60	24 Hrs	25.5	26.1	26.7	23.8	23.3	23.8
5.	Ozone (O_3) (µg/m^3)	100	8 Hrs	3.77	3.13	3.63	2.84	3.15	2.82
6.	Lead (Pb) (µg/m^3)	1.0	24 Hrs	0.05	0.06	0.07	0.06	0.08	0.07
7.	Carbon Monoxide (CO) (mg/m^3)	2	8 Hrs	0.11	0.10	0.12	0.14	0.18	0.18
8.	Ammonia (NH_3) (µg/m^3)	400	24 Hrs	2.54	2.44	2.58	2.48	3.03	2.76
9.	Benzene (C_6H_6) (µg/m^3)	5	Annual	1.09	1.13	1.66	1.66	1.77	1.71
10.	Benzo (a) Pyrene (BaP) (ng/m^3)	1	Annual	0.28	0.33	0.52	0.63	0.73	0.68
11.	Arsenic (As) (ng/m^3)	6	Annual	0.74	0.68	0.71	0.95	0.96	0.85
12.	Nickel (Ni) (ng/m^3)	20	Annual	2.90	2.77	2.86	2.14	2.22	1.96
Note: All the above Ambient Air Quality Analysis were done by MOEF Approved 3rd party M/s Earth care Pvt. Ltd.									

Annexure-9

DHARIWAL INFRASTRUCTURE LIMITED,

Tadali, Dist. Chandrapur

6 Month October 2020 to March 2021

Consolidated Report on

Corporate Social Responsibility

Year 2020 to 2021

Broad CSR Initiatives

1) **Education Program**
2) **SHG Program**
3) **Adolescence Girl Program**
4) **Agriculture Program**
5) **Sanitation Program.**

Education Program

Objective

- In Corona's epidemiological school is closed, in such situation to provide quality online education to children of age 6-14.
- Overall development of students along with school syllabus.

Activity

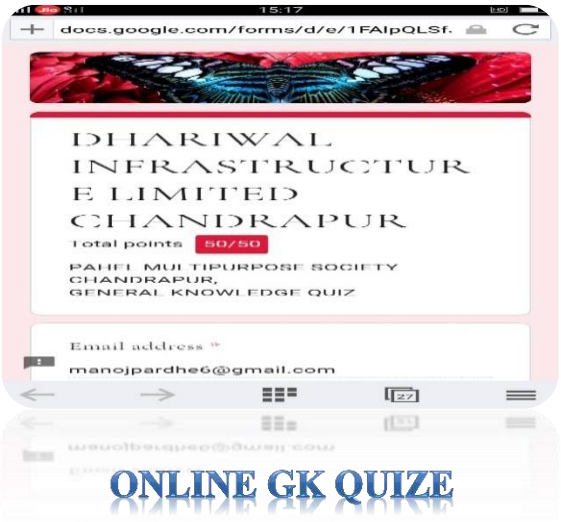
- Conducted Home to Home parents meeting in 7 villages to inform about class schedule after Diwali vacation.
- Sharing educational videos in what's app group with the help of 16 baalsakhi in 7 villages to complete school syllabus.
- Organized Akshar BHINT activity for ease in learning.
- Conducted Debate competition and group discussion in 7 villages.
- Celebrated special day such as Gandhi Jayanti, Republic day, Children's day, Balika din etc.
- Conducted School management committee meeting in 7 villages.
- Organized balsakha workshop, 16 Baalsakhi were participated.
- Conducted monthly exam to gauge the progress of learning.
- Organized G.K competition in 7 villages, 212 students were participated.
- Organized drawing competition in 7 villages. 353 Students were participated.
- Conducted making of planting pots activity from waste product.

Output

- Student getting quality education in pandemic situation .
- Baalsakhi now able to teach in virtual platform.
- 100% school syllabus covered by digital learning program.
- Student participated actively in all the task activities and expressed their talents on virtual platform.
- Parents also involved in all the activities and satisfied with this fully digital learning by DIL and PAHEL.

Photo Gallery

HOME TO HOME PARENTS



ONLINE GK QUIZE

DEBATE COMPETITION AND GROUP DISCUSSION

BALSAKHA WORKSHOP

CHAWADI WACHAN

AKSHAR BHINT

SMC MEETING

PLANTING POTS FROM

GK EXAM

DRAWING COMPETITION

Agriculture Program:

Objective

- Farmers clubs in Shengaon , Pandharkawa, Wadha, Dhanora,Yerur & Sonegaon are able to access all supports from NABARD & Agriculture Departments.

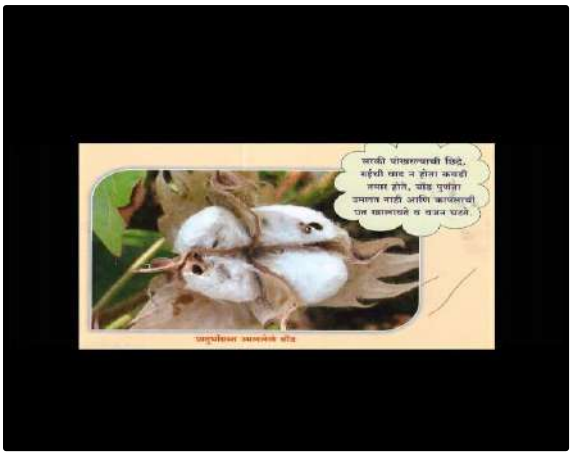
Activity

- Conducted 5 monthly farmer's club meeting to share their problems regarding farming.
- Guided farmer on pink ball worm infection on cotton by agriculture business138 farmers were participated.
- Informed about incense stick project, 2 farmers are ready to do this business.
- Sankalp farmer club's member produce Jivamrut (Organic fertilizer).

Output

- Farmers getting information about crop diseases and pesticides for particular disease.
- 2 farmers are ready to do incense sticks business.
- Farmers aware about modern farming system and moving towards the businesses along with farming.
- Farmers using organic fertilizer.

Photo Gallery



GUIDANCE ON PINK BALL WORM

FARMER CLUB VISIT IN

INCENSE PROJECT MEET

AWARRENESS POSTER

JIVAMRUT (ORGANIC FERTILIZER)

Self Help Group Program

Objective

- Motivating 210 women for self-employment through 21 SHG.
- Helping women to create their own existence.
- To inform about the scheme being implemented by the government for the SHG.
- Providing capital for women to set up businesses in corona pandemic.

Activity :

- Conducted 6 SHG meeting with SHG women to collect monthly reports.
- Conducted 6 business data collection meeting.
- Ghe Bharari unit of Pandharkawda completed 500 mask order from DIL.
- Organizes book keeping record training for SHG in 7 villages.
- Shared covid-19 videos in what's app group .
- Inauguration of fast food center at Dhanora , Shengaon and Sonegaon.
- 7 SHGs registered for incense stick business.
- Organized capacity building ,Panchyat raj training by Mrs.Malti Sangne ,19 women were participated.
- Organized marketing training, 12 women were participated.
- Organized food festival at Shengaon and Pandharkawada ,23 women participated.
- Celebrated world's women day at Sonegaon ,23 women were participated.
- Organized session on women rights by advocate Satish Bhoyar, 36 women participated.
- Organized session for pregnant women to guide in nutrition and vaccination.

Output

- 3 SHG has started fast food center at Dhanora, Shengaon and Sonegaon earning approx. Rs.20000-24000 monthly.
- 5 SHGs participated in local government election.1 SHG secured sarpanch post at Morva and 2 as GP member.
- Women actively participated in all the activities conducted.
- Women got valuable guidance on sensitive topics such as women rights, health issues .

Photo Gallery

FAST FOOD SNACK CENTRE AT MORWA

FAST FOOD CENTRE AT SHENGAON

SESSION FOR PREGNANT WOMEN

SESSION ON WOMAN'S RIGHTS

WOMEN DAY CELEBRATION

WOMEN DAY CELEBRATION

CAPACITY BUILDING TRAINING

MARKETING TRAINING

Adolescent Girls Program

Objective

- Informing teenage girls about menstruation and guide on personal hygiene.
- Guiding adolescent girls on self-defense.
- To understand the problems of adolescence girls and to guide Adolescent Girls.

Activity:

- Covid-19 awareness by sharing videos.
- Organized menstrual health and hygiene session by Dr. Abhilasha Gayture at Pandharkawada, 41 adolescence girls were participated.
- Organized Hb camp at 5 villages collaboration with Primary Health Centre.
- Organized HIV /AIDS awareness session at Pandharkawada by Dr. Mangulkar and Sharda Lokhande,56 Adolescence girls were participated.
- Organized dermatologist session (Online) by Dr. Pallavi Padlamwar,30 girls were participated.
- Organized Elegance class at 5 villages.
- Organized cultural get together to enhance their talents and elegance at Shengaon, 48 Adolescence girls were participated.
- Presented activities of Adolescence girls program in front of Gram panchayat committee of 5 villages.
- Adolescence girls participated in Covid-19 awareness by sharing awareness videos and mask distribution.
- Organized online yoga classes by the expert.

Output

- Adolescence girls are aware about menstrual and personal hygiene.
- Girls actively participated in all the virtual activities and training session organized by DIL and Pahel.
- Approx. 80% now using sanitary pads during menstruation.
- Involvement of parents to create socio emotional impact through programs.
- Encourage the teenage through cultural program.
- Adolescence girls shared their health issues with doctors.
- Out of 134 girls ,44 girls hv Hb lower than 10 and 90 girls higher than 10.
- Atmabhan appreciated the Covid-19 awareness video by miss Komal Barde.
- Parent's as well as Gram panchayat members are also taking part in the program.

Photo Gallery

ONLINE YOGA CLASSES

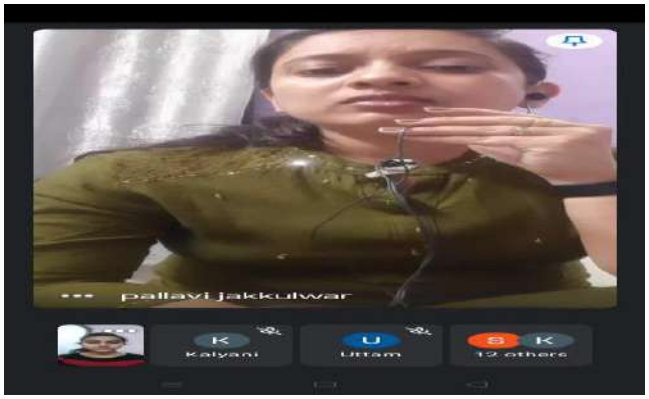
COVID-19 AWARENESS

HIV AWARENESS

MENSTRUAL HYGIENE SESSION

HB CAMP IN 7 VILLAGES

CULTURAL PROGRAM COVID -19



SESSION ON DERMATOLOGIST

Sanitation Program

Objective:

- To explain the importance of cleanliness to the villagers.
- Aware about various diseases like rainy season, dengue , covid-19etc.
- Save the people from covid-19 pandemic.

Activity:

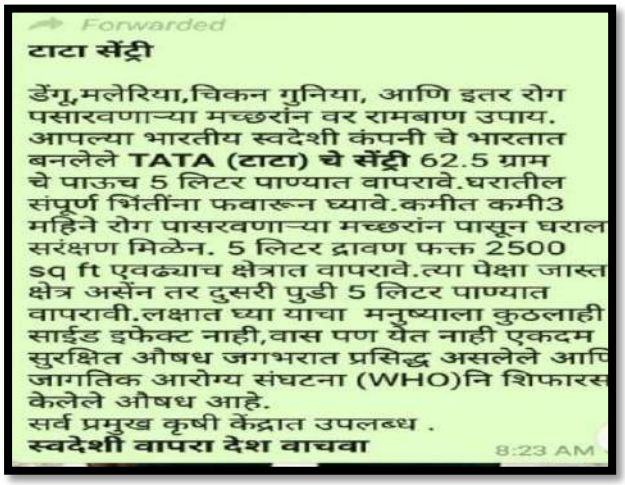
- Series of covid-19 awareness by sharing awareness posters , videos and all the guidelines provided by the government.
- 6 toilets constructed at Dhanora.
- Organized session on Panchayat Raj and sanitation at Sonegaon by Mr. Hiware.

Output:

- Villagers are taking precautions to avoid covid-19 infection.
- Grampanchayat members aware about their rights and work for Village development.

Photo Gallery

AWARENESS ON COVID-19



TATA SENTRY PRODUCT

RP-Sanjiv Goenka Group
Growing Legacies

Devashish Parimal Roy <devashish.roy@rpsg.in>

Annexure-10

Annual Environment Statement (Form V) for 2019-20

Devendra Prasad Tripathi <devendra.tripathi@rpsg.in> Sat, Sep 12, 2020 at 4:55 PM
To: ms@mpcb.gov.in, RO Chandrapur <rochandrapur@mpcb.gov.in>, SRO Chandrapur <srochandrapur@mpcb.gov.in>
Cc: Goutam Ghosal <goutam.ghosal@rpsg.in>, Soumen Barua <soumen.barua@rpsg.in>, Biplab Kanti Kar <biplab.kar@rpsg.in>, "Atul Kumar Goel, DIL" <atul.goel@rpsg.in>, DIL HSE <dil.hse@rpsg.in>

Dear Sir,

Please find attached herewith the scan copy of **Annual Environment Statement (Form V) for 2019-20,** submitted through online on EC MPCB Web Portal.

This is for your ready reference please.

Best Regards
D P Tripathi

2 attachments

image001.jpg
3K

Annual Environment Statement (Form V) 2019-20.pdf
3803K

RP-Sanjiv Goenka Group
Growing Legacies

DHARIWAL INFRASTRUCTURE LIMITED

Dhariwal Infrastructure Limited

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

Ref: DIL/HSE/F-08/19-20/ 56

Date : 12.09.2020

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

Sub: Submission of Environmental Statement for the financial year ending 31st March 2020.

Dear Sir,

We have submitted online, the Annual Environment Statement for the financial year 2019-20 on EC MPCB Portal. Screenshot of successful submission of Environment Statement (Form-V) on EC MPCB portal along with the copy & annexures downloaded from website are attached herewith for your ready reference.

We hope you will find the same in order.

Thanking you,

Yours Faithfully,
For **Dhariwal Infrastructure Limited.**

Authorized Signatory

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).