DCW LIMITED

SAHUPURAM

THOOTHUKUDI DISTRICT-628 229

CIN : L24110GJ1939PLC000748 / GST No. 33AAACD0559N1ZN

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018
ISO 50001 : 2018
ISO 28000 : 2007
CERTIFIED UNIT

Website : www.dcwltd.com

DCW/ ENV/MoEF&CC/EC 2014/ 915

22nd May, 2024.

The Additional Principal Chief Conservator of Forests(C)
Ministry of Environment, Forests & Climate Change,
Integrated Regional Office (SEZ),
1st Floor, Additional Office Block for GPOA,
Shastri Bhawan, Haddows Road,
Nungambakkam,
Chennai 600 006,
Tamil Nadu.

Dear Sir,

Sub : Ministry of Environment, Forests & Climate Change – DCW Limited, Sahupuram – Environmental Clearance for the Expansion of Trichloroethylene, Poly Vinyl Chloride, Captive Power Plant and addition of Chlorinated Poly Vinyl Chloride – Compliance Status and Progress Report – submitted – reg.

Ref :
1. MoEF Lr. F.No. J-11011/523/2010-IA II (I) Dated 24th Feb. 2014.
2. Our letter DCW/ENV/MoEF&CC/EC 2014/7848A dt. 30.09.'14. First Half-yearly compliance report.
3. Our letter DCW / ENV / MoEF&CC / EC 2014 /5407 dt. 12.12.'23 for last updated compliance report and the same with supportive Annexure uploaded through online.

In reference to the above, we enclose herewith the compliance status Half-Yearly Report for the period from October 23 to March 2024 as detailed below for your kind perusal.

a. Status of Consent under Water & Air Acts issued by TNPCB as Annexure – I.

b. Status of Environmental Compliance stipulated by MoEF & CC dt. 24/02/2014.

Thanking you,

Yours faithfully,
For DCW Limited,

(S.SURESH)
VICE PRESIDENT (Mfg.)
Encl: Compliance Status and Progress Report.

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Environmental Compliance Status and Progress Report
(six monthly report)

Expansion of PVC (90,000 MTPA to 150,000 MTPA) by debottlenecking and
Addition of CPVC (14400 MTPA) in PVC Division
Expansion of Trichloroethylene (7200 MTPA to 15480 MTPA)
Expansion of captive power plant (58.27MW to 108.27 MW

(MoEF Environmental Clearance Letter No. J-11011/523/2010-IA II (I), dated. 24th February, 2014)

Submitted by

M/s DCW Limited,
Sahupuram P.O,
Kayalpattinam North Village,
Tiruchendur Taluk, Tuticorin District – 628 229
Tamil Nadu

October 2023 to March 2024

<table>
<tr><th colspan="3">Compliance for EC Condition as on March 2024</th></tr>
<tr><th>S. No</th><th>EC Condition</th><th>Compliance / Action Plan</th></tr>
<tr><td colspan="3">Specific Conditions</td></tr>
<tr><td>1</td><td>Compliance to all the environmental conditions stipulated in the environmental clearance letter nos. J-11011/4/97-IA-(II) dated 4th November, 1997 and J-11011/426-2006-IA-II(I) dated 7.6.2007, 22.10.2007, 31.05.2010 and 21.10.2010 shall be satisfactorily implemented.</td><td>The earlier compliance status vide Environmental Clearance letter no. J-11011/4/97-IA-(II) dated 4th November, 1997 and J-11011/426-2006-IA-II (I) dated 7.6.2007, 22.10.2007, 31.05.2010 and 21.10.2010, are periodically being submitted. The latest reports submitted vide DCW / ENV / MoEF & CC / EC2007 /23/5859 dt.31.12.2023.</td></tr>
<tr><td>2</td><td>1. The process emissions [(SO_2, NO_X, HC (Methane & Non-methane)] and VCM from various units shall conform to the standards prescribed under the Environment (Protection) Rules, 1986 or norms stipulated by the TNPCB whichever is stringent.
2. Continuous on-line stack monitoring shall be carried out. At no time, the emission levels should go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the unit should be immediately put out of the operation and should not be restarted until the desired efficiency has been achieved. Stack emissions shall be monitored and efficiency of air pollution control device shall be checked regularly.
3. The stack monitoring report shall be submitted to the Ministry's Regional Office at Bangalore, CPCB and T.N Pollution Control Board (TNPCB).</td><td>Complied.
1. Since the expansion of CPP Project was dropped and hence the source of SO_2 and NO_X not envisaged.
2. We have installed online stack monitoring facility for the PVC division to monitor the emissions. The real time online monitored data is being hooked up with the TNPCB's servers. VCM is handled in closed loop system and hence there will not be any emissions. However online GDS (VCM sensors) are already installed at 10 vantage locations. We agreed that the emissions shall not exceed the prescribed limits. In the event of failure of any pollution control system adopted by their unit, the unit has agreed that immediately put off operation and shall not be restarted until the desired efficiency has been achieved.
3. Stack monitoring report is regularly submitted to CPCB, TNPCB and the Integrated Regional Office of MoEF&CC, Chennai.</td></tr>
<tr><td>3</td><td>Ambient air quality data shall be collected as per NAAQS standards notified by the Ministry on 16th September, 2009 and trend analysis w.r.t. past monitoring results should also be carried out. Adequate measures based on the trend analysis shall be taken to improve the ambient air quality in the project area.</td><td>1. AAQ monitoring is periodically conducted as per the NAAQ standards and trend analysis is being carried out to improve the ambient air quality.
2. We have already installed 6 AAQ monitoring stations as per the predominant wind directions (NE and SW) in consultation with TNPCB.
<table>
<tr><th>S. No</th><th>Location</th><th>Distance (m)</th><th>Directions</th></tr>
<tr><td>1</td><td>PVC Watch Tower</td><td>547</td><td>S</td></tr>
</table></td></tr>
</table>

Compliance for EC Condition as on March 2024

S. No	EC Condition	Compliance / Action Plan
		<table><tr><td>2</td><td>C3 Quarters at Residential colony</td><td>689</td><td>WSW</td></tr><tr><td>3</td><td>TCEP Compressor room</td><td>545</td><td>NW</td></tr><tr><td>4</td><td>TWAD water pump house</td><td>469</td><td>N</td></tr><tr><td>5</td><td>Salt Weigh – bridge</td><td>909</td><td>NE</td></tr><tr><td>6</td><td>A – block watch tower</td><td>315</td><td>SE</td></tr></table> 3. Currently, from all the above 6 monitoring stations, the frequency of monitoring is carried out twice/thrice a week, two locations in cross wind directions covering minimum of 104 measurements in a year. At any given point of time minimum of two locations is being monitored on daily basis throughout the year. 4. SOP for AAQ monitoring has already been submitted vide First half yearly report, Sep 2014.
4	Electrostatic Precipitator along with adequate stack height shall be provided to coal fired boiler.	Since the expansion of CPP Project was dropped and hence the Electrostatic Precipitator is not envisaged. However for the existing operational boiler – ESP is installed and working.
5	1) Continuous ambient air quality monitoring stations for [(PM_{10}, $PM_{2.5}$, VCM, NOx, CO, Cl_2, HC (Methane & Non-methane)] shall be set up in consultation with CPCB/TNPCB. 2) Unit shall follow CPCB/MoEF calibration protocol for the calibration of continuous stack monitoring analyzers as well as ambient air quality monitoring analyzers install in all stations. 3) Data of stack monitoring and ambient air shall be displayed on website as well as outside the premises at prominent place for public viewing. The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MoEF, the respective Zonal	**Complied.** 1. We have installed Continuous ambient air quality monitoring station to monitor PM10, PM2.5, VCM, SO2, NOx, CL_2 & Ammonia) in Ambient surrounding the unit and the same has been connected to Care Air Centre, TNPCB from 28.07.2022 onwards. 2. We are calibrating the online stack monitoring analyzers following the protocol of CPCB / MoEF. 3. The On-line Stack Monitoring has already been connected to the Care Air Centre, TNPCB, Chennai and CPCB, New Delhi. The Ambient air and stack monitoring data are already displayed on digital board for the public view in front of the main entrance and the AAQ Monitoring Report is periodically being updated in the website and the consolidated reports for AAQ conducted by the unit for the period of October 2023 to March 2024,

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	office of CPCB and TNPCB.	Stack Monitoring & ANL conducted by TNPCB Lab during March 2024 is enclosed as **Annexure II**. It is also submitted that, these reports are being sent to respective Zonal office of CPCB and TNPCB periodically.
6	1) In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. 2) Adequate dust suppression systems with water spray shall be provided for storage yard, junction houses. 3) Raw material loading and unloading area shall be covered and also provided with water spraying system. 4) Fugitive emission in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and records maintained. 5) The emissions shall conform to the limits stipulated by the TNPCB. 6) Monitoring of fugitive emissions shall be carried out as per the guidelines of CPCB by fugitive emission detectors and reports shall be submitted to the Ministry's Regional Office at Bangalore.	**Complied.** 1. "Work Zone Monitoring" for dust has been carried out regularly. 2. Water sprinkler system for storage yard in the existing CPP has been provided already. 3. Raw material loading and unloading area of the existing CPP have already been covered and provided with water spraying system. 4. Fugitive emissions are being monitored in the work zone environment of PVC plant. 5. We will ensure the emissions shall conform to the limits stipulated by the TNPCB. 6. Monitoring of fugitive emissions is being carried out as per CPCB guidelines by fugitive emission detectors and the reports for the period October 2023 to March 2024 is attached vide **Annexure – II** as instructed.
7	1. Fugitive emissions of HC and VCM from product storage tank yards etc. must be regularly monitored. As proposed, acetylene sensor shall be installed in the generation area. 2. Sensors for detecting HC and VCM leakage should also be provided at strategic locations. Leak Detection and Repair Program shall be implemented to control HC/VOC & VCM emissions. 3. Work zone monitoring shall be carried out near the storage tanks besides monitoring of HC/VOC & VCM, in the works zone.	**Complied.** 1. Expansion of TCE & CPP Projects was dropped and hence Fugitive emission related to HC is not envisaged. Ten online VCM sensors are already in place. 2. In addition to the Ten VCM sensors installed at PVC plant, a portable gas detectors for VCM (LDAR) has been in place and the details are mentioned below: • Sr. No. : ARSA – 0005 • Instrument ID : AB C - 123 • Measuring range : 2000 ppm • Minimum detectable limit : 0.1 ppm • Alarm system @ every 30 ppm • Aerial detectable range (distance) : 30 cm 3. Work Place monitoring is being carried out to monitor VCM near VCM Storage tanks. Expansion of TCE was dropped and hence acetylene sensor not envisaged.

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8	1) Closed handling system shall be provided for chemicals. 2) Reflux condenser shall be provided over reactor 3) System of leak detection and repair of pump/pipeline based on preventive maintenance. 4) The acids shall be taken from storage tanks to reactors through closed pipeline Storage tanks shall be vented through trap receiver and condenser operated on chilled water. 5) Cathodic protection shall be provided to the underground solvent storage tanks.	**Complied.** 1. Raw materials viz., Cl_2 and VCM are already facilitated with closed conduits along with LDAR system 2. Reflux condenser is not envisaged at present since Trichloroethylene project is kept hold. 3. LDAR facility already in place and is being be utilized. 4. Condenser operating system is not necessary since no acid handling is envisaged. 5. No solvents will be used and hence not applicable.
9	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	**Complied.** We have installed three DG sets (2000 KVA x 1, 1500KVA x 1 & 1000 KVA x 1). The gaseous emissions from DG set are being dispersed through stack (height 30 m). Acoustic enclosures have provided to the DG sets to mitigate the noise pollution.
10	Total fresh water requirement from Thamirabarani River after expansion shall not excess 11822 m^3/day and prior permission shall be obtained from the competent authority.	The total fresh water required after the expansion of PVC and addition of CPVC is about 1543- m^3/day. The total consumption of freshwater from Thamirabarani River is well within the quantity of 11822 m^3/day. The expansion of TCE and CPP project were dropped.
11	1. Industrial effluent generation shall not exceed 4237 m^3/day after expansion. 2. Effluent shall be treated in effluent treatment plant and treated water shall be passed through reverse osmosis (RO). 3. The RO rejects will be sent to Solar Evaporation Pond for evaporation. 4. Water quality of treated effluent shall meet the norms prescribed by CPCB/SPCB. 5. Treated effluent will be recycled/reused within in the factory premises.	1. Complied. We ensure the effluent generation is well within the consent volume. 2. The existing main ETP was already augmented by installing additional Nano and RO systems with clarifier/sludge thickening system. The additional treated wastewater is being reused in the main plant. 3. The RO reject is disposed to solar salt evaporation pans to recover salts along with regular salt. 4. The quality of the treated effluent will meet the norms prescribed by CPCB/SPCB. 5. The treated effluents has been recycled / reused within the factory premises.

Compliance for EC Condition as on March 2024		
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	6. Water quality of treated effluent from ETP shall be monitored regularly.	6. a) Regulated/stipulated parameters are monitored on daily basis in the existing facility and the same will be extended. b) Online pH, TSS & Flow meter have already been installed in the outlet (reject) and the same has been connected to CAC-TNPCB & CPCB.
	7. Domestic waste water shall be treated in STP.	7. STP installed with the capacity of 150m^3. Waste water generated from domestic section is treated in STP. The treated waste water is used for development of green belt within the premises.
12	As proposed, no effluent shall be discharged outside the factory premises and 'Zero water discharge concept' will be adopted.	No effluent is discharged outside the factory premises. Referring to section 11, the waste water is being treated in the RO plant and reused within the plant and the RO rejects are sent to solar salt evaporation pans to recover salts along with regular salt.
13	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Dedicated effluent collection lines are already in place and storm water is not mixed at any of the locations. Separate storm water drain with guard pond is already in place for PVC plant.
14	The project authorities must strictly comply with the rules and regulation with regard to handling and disposal of hazardous Waste (Management, Handling and Trans Boundary Movement) Rules, 2008 wherever applicable. Authorization from the State Pollution Control Board must be obtained for collections/treatment/ storage/disposal of hazardous wastes.	**Complied.** We strictly comply with the rules and regulation with regard to handling and disposal of Hazardous and Other Waste (Management and Trans Boundary Movement) Rules, 2016. The Valid Hazardous waste authorization for PVC &CPVC has been obtained from TNPCB vides Authorization no. 19HFZ6499545 dated 29/11/2019 having validity for a period up to 28/11/2024.
15	Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 as amendment in 2003. Fly ash shall be provided to cement and brick manufacturers for further utilization.	Expansion of CPP was dropped. Hence, no additional fly ash will be generated. Fly ash generated in the existing CPP is disposed to various fly ash bricks and cement manufacturers.
16	1) During transfer of materials, spillages shall be avoided and 2) Garland drains should be constructed to avoid mixing of accidental spillages with domestic waste and storm water drains.	1. PVC, CPVC products are being handled through closed conveyor systems and hence no spillage of materials is envisaged. 2. Separate storm water drain with guard pond is already in place for existing PVC plant.

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17	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	No additional storage tanks for chemicals are proposed. However, we are already complying with the MSIHC Rules, 1989 as amended as well as the MVA, 1989 at all times in the existing operation.
18	The company shall undertake following waste minimization measures:- a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. c. Use of automated filling to minimize spillage. d. Use of Close Feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high pressure hoses for equipment clearing to reduce wastewater generation.	**Complied.** a. Expansion of PVC and addition of CPVC designed, based on fully automated process adopting latest technology to ensure insignificant waste generation and maximum recycling of raw materials. b. No by-product is envisaged from PVC and CPVC units. c. Fully automated filling system provided so as to minimize spillages. . d. All feeding systems are fully automated for batch reactors. e. VCM stripping system is installed in PVC plant to recover un-reacted VCM, if any. f. High pressure hoses are used in PVC/CPVC plants for equipment cleaning to reduce waste water generation.
19	The Company shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. Fire fighting system shall be as per norms.	Necessary fire fighting systems for existing VCM tanks as per norms are already in place.
20	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance of the workers is done on a regular basis and records are maintained as per the Factories Act.
21	The company shall strictly follow all the recommendation mentioned in the Charter on Corporate Responsibility for Environmental Protection (CREP).	CREP is applicable for conversion of mercury cell to Membrane cell process of Caustic Soda Manufacturing. Since the TCE project under Caustic Soda division was dropped and hence not applicable for the PVC and CPVC units. However all stipulated environmental standards and guidelines strictly

Compliance for EC Condition as on March 2024		
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		followed.
22	To prevent fire and explosion at oil and gas facility, potential ignition sources shall be kept to a minimum and adequate separation distance between potential ignition sources and flammable material shall be in place.	Potential ignition sources are kept at an adequate distance between sources. All the flammable materials are kept in appropriate place.
23	Company shall prepare project specific environmental manual for the compliance to conditions stipulated and a copy shall be made available at the project site for the compliance. Company shall adopt Corporate Environment Policy as per the Ministry's O.M. No. J-11013/41/2006-IA.II(I) dated 26th April, 2011 and implemented.	The company has already established Integrated Management Systems comprising of Quality, Safety, Environment and Health Management systems in the facility and the systems were accredited by Indian Registrar Quality System (IRQS). In view of this, IMS manual was prepared and implemented across various sections/functions of the facility. An Environmental Management Policy defined for the facility has already been submitted vide First half yearly report, Sep 2014.
24	All the recommendations mentioned in the rapid risk assessment report, disaster management plan and safety guidelines shall be implemented.	Risk recommendations for PVC plant are already implemented in the plant.
25	All the commitments made to the public during public hearing/public consultation meeting held on 29th November, 2011 shall be satisfactorily implemented and adequate budget provision shall be made accordingly.	All the commitments made to the public during public hearing are satisfactorily carried out and adequate budget provisions made accordingly.
26	Green belt shall be developed in 33% of the plant area as per the guidelines of CPCB in consultation with the DFO.	A vast area was already developed under green cover development in the existing plant since the inception of the facility in 1959. We have already planted ten varieties of nativity saplings (such as neem tree, Pongamia, Badam tree etc) within the existing facility in consultation with local DFO for development of Green belt and survival of the Green belt is good. Greenbelt and green cover map have already been submitted vide First half yearly report, Sep 2014.
27	At least 5% of the total cost of the project should be earmarked towards the Enterprise Social Commitment based on locals need and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhubaneswar. Implementation of such program should be ensured accordingly in a time bound manner.	The envisaged budget for the expansion of PVC and addition of CPVC facilities only since other projects were dropped. We have already allocated fund towards Enterprise Social Commitment based on locals need and item-wise details for over a period of 10 years and CSR activities are being undertaken progressively. A detailed pre-feasibility report and need based

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		Enterprise Social Commitment based on locals need and item-wise details, implementation program and time bound action plan have already been submitted vide First half yearly report, Sep 2014.
28	The company shall submit within three months their policy towards Corporate Environment Responsibility which shall inter-alia address (i) Standard operating process/procedure to being into focus any infringement /deviation/violation of environmental or forest norms/condition, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of non compliance/ violation environmental norms to the Board of Directors of the company and/or stakeholders or shareholders.	(i) Complied and the SOP have already been submitted vide First half yearly report, Sep 2014. (ii) The Hierarchical system of the company is enclosed. (iii) The violation on the environmental norms and other environmental issues if any are discussed in every management review meeting and also Board meeting to take necessary preventive measures.
29	Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	Complied. The required infrastructure facilities such as housing, drinking water, mobile toilets, medical health care and canteen were provided during the construction time. It was in the form of temporary structure and removed after completion of the work.
General Conditions		
1	The project authorities shall strictly adhere to the stipulations made by the T.N. Pollution Control Board.	We will strictly adhere to the stipulations made by the Tamil Nadu Pollution Control Board at all times.
2	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA/SEAC and Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to	We will strictly adhere to the conditions stipulated. No further expansion or modifications in the plant will be carried out without prior approval from MoEF&CC.

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	assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	
3	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Ambient air quality monitoring being undertaken as per the directions of TNPCB and reports are periodically submitted to TNPCB. Similar practices will be continued. As already mentioned, we have provided AAQ stations in upwind, downwind and cross wind directions
4	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	**Complied.** The ambient noise levels are being monitored on monthly basis at four locations (Northeast boundary, South East Boundary, South West Boundary and South East Boundary) both day and night through TNPCB and authorized third party and the values are within the limit. We have provided acoustic hoods, silencer and enclosure to noise generating unit. No major noise generating equipment has been installed in PVC and CPVC plant. Hence the envisaged noise level at the facility is remaining unchanged from the baseline conditions and the noise level at the facility boundary is meeting the stipulated standards.
5	The Company shall harvest rainwater from the roof tops of the buildings and storms water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	Adequate rainwater harvesting system developed for the run-off from roof top area of PVC and CPVC plant.
6	1. Training shall be imparted to all employees on safety and health aspects of chemicals handling. 2. Pre–employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	1. Training cell of the existing facility is already imparting the training on safety, health and environmental management aspects in handling chemicals and operating in process units. A defined training calendar has been developed and implemented. Similar practices will be continued as a part of the IMS program. 2. Medical examinations are being carried in the existing facility as a part of the occupational health program of the organization. Similar practices will be continued.

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7	Usage of Personnel Protection Equipments (PPEs) by all employees/ workers shall be ensured.	Full-fledged PPE program has been implemented in the facility. List of various PPEs adopted in the existing facility have already been submitted vide First half yearly report, Sep 2014.
8	The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project, shall be implemented.	EMP proposed for PVC and CPVC plant and the risk mitigation measures along with the public hearing recommendations are progressively carried out.
9	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	We have already allocated fund towards Enterprise Social Commitment for over a period of 10 years and CSR activities are being undertaken progressively. Under the CSR activities, We have been implementing several CSR activities in the neighbourhood villages to improve overall living standards catering to area like housing, education, health & medical aid, provision of fishing gear to fishermen, schemes for women empowerment and community infrastructure development viz., High mass light, roads, drainages, drinking water supply, sanitation, etc.
10	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	**Complied.** We have already allocated fund towards Enterprise Social Commitment for over a period of 10 years and CSR activities are being undertaken progressively.
11	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	**Complied.** A dedicated EMC is established, which is headed by Senior Executive Vice President (Works) directly reporting to Site Head, contained team of 6 members. Full-fledged laboratory facility established with all necessary equipment for waste water analysis. The Environmental parameters are monitored internally as well as accredited external agencies. An updated Organogram of Environment Management Cell is enclosed.

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12	The company shall earmark sufficient funds towards capital cost and recurring cost/annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management / pollution control measures shall not be diverted for any other purpose.	**Complied.** An amount of Rs. 3112 lakhs and Rs. 426.5 lakhs/annum has been incurred towards the capital cost and operational cost for environment protection measures. The funds earmarked for the environmental protection measures is maintaining in a separate account and utilizing for the environment measurement. The allotted amount was not diverted for any other purpose.
13	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	**Complied.** A copy of Environmental Clearance has been sent to the Commissioner, Kayalpattinam Panchayat Union, Thoothkudi District.
14	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of the monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the T.N. Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	We are periodically submitting six monthly compliance reports on the status of conditions in the stipulated Environmental Clearance conditions along with the monitored data to the Integrated Regional office of MoEF&CC, Chennai. The copy of Environmental Clearance and six monthly compliance status report is periodically posted on our website.
15	The environmental statement for each financial year ending 31st March in Form-V as in mandated shall be submitted 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 environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	The Environmental Statement for each financial year ending 31st March in Form-V is periodically submitted to the Tamil Nadu Pollution Control Board and copy of the same is posted on our website periodically along with the status of compliance of environmental clearance.
16	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry	Copies of the advertisement in newspaper have already been submitted vide First half yearly report, Sep 2014.

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	and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	
17	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied.

DCW Limited, Sahupuram. Annexure - I

Status of Consent Orders under Air and Water Acts issued by Tamil Nadu Pollution Control Board for the J-11011/523/2010-IA II (I) Dated 24th Feb, 2014.

Sl. No.	Description	Issue Date
1.	Applied for Consent To Establish for the Expansion of PVC (90,000 TPA to 150,000 TPA by debottlenecking and addition of CPVC (14400 TPA) in PVC Division only under Air & Water Acts. The Other two projects viz., Expansion of Trichloroethylene (from 7200 MTPA to 15480 MTPA) and Captive Power Plant (from 58.27 MW to 108.27 MW) kept on hold.	04.03.2014.
2.	Consent To Establishment vide Consent Order No. 20951 under Water Act for Expansion of PVC (90,000 TPA to 150,000 TPA by debottlenecking and addition of CPVC (14400 TPA) in PVC Division.	22.04.2014.
3.	Consent To Establishment vide Consent Order No. 16986 under Air Act for Expansion of PVC (90,000 TPA to 150,000 TPA by debottlenecking and addition of CPVC (14400 TPA) in PVC Division.	22.04.2014.
5.	Consent To Operate vide Consent Order No. 170726217472 and Proceedings No. T11/ TNPCB/ F.0066TTN / OL / TTN / A /2017 Dated: 08/05/2017 under Air Act for Expansion of PVC (90,000 TPA to 150,000 TPA by debottlenecking and addition of CPVC (14400 TPA) in PVC Division given under TNPCB B.P. No. 06 Dated: 02.08.2016 after Revised Categorization of Industries listed in Sl. No.75: Category code No.2075 for Synthetic resins.	08.05.2017
6.	Consent To Operate vide Consent Order No. 170716217472 and Proceedings No. T11/ TNPCB/ F.0066TTN / OL / TTN / W / 2017 Dated: 08/05/2017 under Water Act for Expansion of PVC (90,000 TPA to 150,000 TPA by debottlenecking and addition of CPVC (14400 TPA) in PVC Division given under TNPCB B.P. No. 06 Dated: 02.08.2016 after Revised Categorization of Industries listed in Sl. No.75: Category code No.2075 for Synthetic resins.	08.05.2017
7.	Renewal Consent Order No. 2208243187482 under Air Act and Renewal Consent Order No. 2208143187482 under Water Act issued for PVC Division for the period ending 31st March 2024 vide Board's Proceedings No. F.0066TTN/OL/DEE/TNPCB/TTN/A/2022dt. 01/04/2022	01.04.2022
8.	After Obtaining No Increase in Pollution Load Certificate, Consent To Establishment issued vide Consent Order No. 2206244084107 under Air Act & 2206144084107 under Water Act for the Revised Production of PVC (1,50,000 TPA to 1,40,000 TPA) and CPVC (14,400 TPA to 21,500,TPA) in PVC Division for the period ending 31st March 2027.	16.05.2022
9.	Consent To Operate (Expansion) vide Consent Order No. 2307253143809 & 2307153143809 vide Proceedings No. T4 / TNPCB / F.0066TTN / RL / TTN / A&W / 2023 Dated: 08/08/2023 under Air & Water Acts for Revised Production of PVC (1,50,000 TPA to 1,40,000 TPA) and CPVC (14,400 TPA to 21,500,TPA) in PVC Division given under Revised Category code No. 1011-Processes involving chlorinated hydrocarbons for the period ending 31st March 2024.	08.08.2023
10.	Renewal Consent Order No. 2408257046482 under Air Act and Renewal Consent Order No. 2408157046482 under Water Act issued for PVC Division for the period ending 31st March 2026 vide Board's Proceedings No. T2/TNPCB/F.0066TTN/RL/TTN/A/2024 dt. 12/04/2024	12.04.2024

DCW LTD

SAHUPURAM

CENTRAL LABORATORY

01-11-2023

AMBIENT AIR QUALITY ANALYSIS REPORT - MONTH OF OCTOBER 2023								
DATE	STATION (At the top of)	$PM_{2.5}$	PM_{10}	NOx	SO_2	Cl_2	NH_3	VCM
		Microgram/m^3						
	NAAQ Standard	60 Max	100 Max	80 Max	80 Max	–	400 Max	–
01-10-2023	SALT WEIGH BRIDGE	15.22	64.56	8.26	9.56	BDL	1.56	BDL
	QUARTERS C-3 BLOCK	8.15	41.28	6.95	7.34	BDL	BDL	BDL
02-10-2023	TCEP CHILLED WATER COMPRESSOR ROOM	13.46	56.72	7.34	8.18	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	13.55	59.66	7.86	15.35	BDL	5.25	BDL
03-10-2023	TWAD PUMP HOUSE	16.26	68.85	8.12	8.58	BDL	1.90	BDL
	PVC WATCH TOWER	11.54	50.78	7.65	11.25	BDL	2.48	BDL
04-10-2023	TCEP CHILLED WATER COMPRESSOR ROOM	13.21	60.62	8.12	9.58	BDL	BDL	BDL
	QUARTERS C-3 BLOCK	8.58	45.29	7.56	7.91	BDL	BDL	BDL
05-10-2023	A-BLOCK WATCH TOWER	14.35	58.72	8.55	14.26	BDL	4.28	BDL
	PVC WATCH TOWER	13.66	53.25	7.63	8.08	BDL	1.08	BDL
06-10-2023	TWAD PUMP HOUSE	18.22	69.72	8.12	11.26	BDL	2.56	BDL
	QUARTERS C-3 BLOCK	9.08	50.75	7.04	7.58	BDL	BDL	BDL
07-10-2023	SALT WEIGH BRIDGE	17.35	65.56	7.56	8.91	BDL	BDL	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	12.68	52.35	8.12	8.58	BDL	BDL	BDL
08-10-2023	TWAD PUMP HOUSE	14.42	60.66	8.28	8.94	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	13.56	58.74	8.76	14.88	BDL	5.28	BDL
09-10-2023	TCEP CHILLED WATER COMPRESSOR ROOM	12.25	55.60	8.14	9.05	BDL	BDL	BDL
	PVC WATCH TOWER	11.60	54.78	8.26	11.20	BDL	2.48	BDL
10-10-2023	SALT WEIGH BRIDGE	12.74	50.67	9.20	9.58	BDL	3.10	BDL
	QUARTERS C-3 BLOCK	8.08	40.12	8.02	7.65	BDL	BDL	BDL
11-10-2023	TWAD PUMP HOUSE	14.36	60.78	8.18	8.94	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	13.52	57.26	8.86	13.48	BDL	4.54	BDL
12-10-2023	SALT WEIGH BRIDGE	14.48	61.54	9.58	16.28	BDL	5.18	BDL
	PVC WATCH TOWER	11.65	51.76	8.45	12.35	BDL	2.48	BDL
13-10-2023	TWAD PUMP HOUSE	14.36	62.78	8.16	14.26	1.54	2.95	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	12.94	54.46	8.45	13.65	1.78	3.12	BDL
14-10-2023	SALT WEIGH BRIDGE	15.20	61.16	7.87	18.24	BDL	4.68	BDL
	A-BLOCK WATCH TOWER	11.76	50.75	7.14	8.36	BDL	1.55	BDL
15-10-2023	TWAD PUMP HOUSE	16.70	63.46	8.45	15.25	BDL	3.78	BDL
	PVC WATCH TOWER	12.36	55.30	7.04	7.68	BDL	BDL	BDL

BDL = < 1 microgram/m^3

Cont...2

AMBIENT AIR QUALITY ANALYSIS REPORT - MONTH OF OCTOBER 2023								
DATE	STATION (At the top of)	$PM_{2.5}$	PM_{10}	NOx	SO_2	Cl_2	NH_3	VCM
		Microgram/m^3						
	NAAQ Standard	60 Max	100 Max	80 Max	80 Max	–	400 Max	–
16-10-2023	A-BLOCK WATCH TOWER	11.72	51.32	7.62	9.36	BDL	1.48	BDL
	QUARTERS C-3 BLOCK	7.94	38.55	6.52	6.94	BDL	BDL	BDL
17-10-2023	SALT WEIGH BRIDGE	18.26	58.72	17.94	12.56	BDL	2.44	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	17.98	53.41	12.80	11.34	BDL	BDL	BDL
18-10-2023	TWAD PUMP HOUSE	15.26	59.74	8.14	14.26	BDL	3.68	BDL
	A-BLOCK WATCH TOWER	11.68	52.35	8.56	13.11	BDL	4.16	BDL
19-10-2023	SALT WEIGH BRIDGE	16.70	65.82	9.16	9.50	BDL	1.60	BDL
	QUARTERS C-3 BLOCK	9.16	46.78	7.94	8.16	BDL	BDL	BDL
20-10-2023	TCEP CHILLED WATER COMPRESSOR ROOM	16.78	60.88	15.20	11.36	BDL	4.56	BDL
	PVC WATCH TOWER	15.20	54.26	8.78	9.14	BDL	BDL	BDL
21-10-2023	A-BLOCK WATCH TOWER	13.36	61.76	8.32	8.65	BDL	BDL	BDL
	QUARTERS C-3 BLOCK	9.14	44.28	7.18	6.86	BDL	BDL	BDL
22-10-2023	SALT WEIGH BRIDGE	17.42	69.70	8.36	11.78	BDL	2.84	BDL
	PVC WATCH TOWER	12.67	56.65	8.12	10.55	BDL	1.52	BDL
23-10-2023	TCEP CHILLED WATER COMPRESSOR ROOM	11.56	50.62	7.52	9.84	1.68	1.74	BDL
	QUARTERS C-3 BLOCK	8.68	41.50	7.14	6.88	BDL	BDL	BDL
24-10-2023	TWAD PUMP HOUSE	15.84	65.68	8.28	14.50	BDL	3.88	BDL
	PVC WATCH TOWER	10.76	54.35	8.35	7.94	BDL	BDL	BDL
25-10-2023	TCEP CHILLED WATER COMPRESSOR ROOM	13.80	54.46	7.85	8.12	BDL	1.74	BDL
	A-BLOCK WATCH TOWER	14.74	59.62	8.11	7.75	BDL	BDL	BDL
26-10-2023	SALT WEIGH BRIDGE	16.20	68.72	8.24	14.58	BDL	3.94	BDL
	TWAD PUMP HOUSE	14.68	62.44	7.46	15.16	BDL	3.48	BDL
27-10-2023	TCEP CHILLED WATER COMPRESSOR ROOM	9.74	44.86	8.02	10.28	BDL	1.96	BDL
	PVC WATCH TOWER	9.81	45.10	7.56	8.91	BDL	1.80	BDL
28-10-2023	TWAD PUMP HOUSE	13.20	55.78	8.12	10.78	BDL	BDL	BDL
	QUARTERS C-3 BLOCK	7.56	38.78	6.58	8.16	BDL	BDL	BDL
29-10-2023	TCEP CHILLED WATER COMPRESSOR ROOM	9.87	48.62	7.02	6.86	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	11.26	50.54	7.86	13.11	BDL	3.58	BDL
30-10-2023	SALT WEIGH BRIDGE	13.16	56.22	8.16	7.55	BDL	BDL	BDL
	PVC WATCH TOWER	10.26	49.74	9.36	11.46	BDL	2.50	BDL
31-10-2023	TWAD PUMP HOUSE	13.85	57.12	8.54	7.95	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	10.62	47.50	8.26	14.20	BDL	6.18	BDL

BDL = < 1 microgram/m^3

Checked by :(Environment Dept) Lab Incharge PVC(QC & LAB) DGM (QC & LAB)

DCW LTD

SAHUPURAM

CENTRAL LABORATORY

01-12-2023

AMBIENT AIR QUALITY ANALYSIS REPORT - MONTH OF NOVEMBER 2023								
DATE	STATION (At the top of)	$PM_{2.5}$	PM_{10}	NOx	SO_2	Cl_2	NH_3	VCM
		Microgram/m^3						
	NAAQ Standard	60 Max	100 Max	80 Max	80 Max	–	400 Max	–
01-11-2023	TWAD PUMP HOUSE	12.26	54.64	9.16	8.54	BDL	1.84	BDL
	PVC WATCH TOWER	11.55	50.72	8.92	13.26	BDL	3.48	BDL
02-11-2023	TCEP CHILLED WATER COMPRESSOR ROOM	10.78	46.54	7.48	8.12	BDL	BDL	BDL
	QUARTERS C-3 BLOCK	7.51	38.62	6.54	6.98	BDL	BDL	BDL
03-11-2023	SALT WEIGH BRIDGE	12.76	50.48	8.36	8.55	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	11.54	44.65	7.95	14.68	BDL	4.46	BDL
04-11-2023	TWAD PUMP HOUSE	14.62	60.32	8.18	13.54	BDL	2.54	BDL
	PVC WATCH TOWER	10.56	47.35	7.58	7.08	BDL	BDL	BDL
05-11-2023	SALT WEIGH BRIDGE	12.26	51.32	8.12	11.35	BDL	3.40	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	10.86	45.74	8.36	11.48	1.56	2.48	BDL
06-11-2023	A-BLOCK WATCH TOWER	9.78	43.75	9.52	9.86	BDL	4.14	BDL
	QUARTERS C-3 BLOCK	7.02	36.50	8.56	7.84	BDL	BDL	BDL
07-11-2023	TWAD PUMP HOUSE	13.86	56.70	8.95	8.68	BDL	1.50	BDL
	PVC WATCH TOWER	12.90	54.62	7.62	12.95	BDL	4.10	BDL
08-11-2023	SALT WEIGH BRIDGE	11.26	48.12	9.15	10.30	BDL	1.88	BDL
	QUARTERS C-3 BLOCK	7.08	39.16	7.86	7.54	BDL	BDL	BDL
09-11-2023	TCEP CHILLED WATER COMPRESSOR ROOM	10.76	45.64	6.58	7.12	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	11.16	50.32	8.92	13.78	BDL	3.82	BDL
10-11-2023	SALT WEIGH BRIDGE	12.82	51.18	7.46	7.65	BDL	1.52	BDL
	TWAD PUMP HOUSE	12.25	50.35	7.52	7.48	BDL	BDL	BDL
11-11-2023	TCEP CHILLED WATER COMPRESSOR ROOM	10.80	47.64	8.13	7.56	BDL	BDL	BDL
	PVC WATCH TOWER	9.56	42.45	8.86	11.80	BDL	2.74	BDL
12-11-2023	TWAD PUMP HOUSE	13.26	60.16	7.48	7.54	BDL	BDL	BDL
	QUARTERS C-3 BLOCK	7.58	40.78	7.08	6.88	BDL	BDL	BDL
13-11-2023	SALT WEIGH BRIDGE	14.12	60.30	7.91	7.54	BDL	1.50	BDL
	A-BLOCK WATCH TOWER	12.78	52.15	8.26	14.28	BDL	6.12	BDL
14-11-2023	TWAD PUMP HOUSE	15.26	58.18	8.56	8.68	BDL	BDL	BDL
	PVC WATCH TOWER	13.10	50.76	8.48	12.13	BDL	4.56	BDL
15-11-2023	SALT WEIGH BRIDGE	15.68	62.38	8.51	13.36	BDL	3.12	BDL
	QUARTERS C-3 BLOCK	7.58	39.24	6.52	6.68	BDL	BDL	BDL

BDL = < 1 microgram/m^3

Cont...2

AMBIENT AIR QUALITY ANALYSIS REPORT - MONTH OF NOVEMBER 2023

DATE	STATION (At the top of)	$PM_{2.5}$	PM_{10}	NOx	SO_2	Cl_2	NH_3	VCM
		Microgram/m^3						
	NAAQ Standard	60 Max	100 Max	80 Max	80 Max	–	400 Max	–
16-11-2023	TWAD PUMP HOUSE	12.70	55.47	8.28	7.54	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	13.46	57.68	9.16	11.78	BDL	3.82	BDL
17-11-2023	TCEP CHILLED WATER COMPRESSOR ROOM	11.81	49.15	8.56	7.81	BDL	BDL	BDL
	QUARTERS C-3 BLOCK	8.14	42.35	8.10	7.58	BDL	BDL	BDL
18-11-2023	SALT WEIGH BRIDGE	10.55	48.76	8.56	10.56	BDL	1.50	BDL
	A-BLOCK WATCH TOWER	9.86	42.12	9.15	14.60	BDL	4.95	BDL
19-11-2023	QUARTERS C-3 BLOCK	7.10	36.55	6.15	6.48	BDL	BDL	BDL
	PVC WATCH TOWER	8.94	40.36	7.35	10.64	BDL	2.56	BDL
20-11-2023	TCEP CHILLED WATER COMPRESSOR ROOM	10.75	46.28	7.51	7.28	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	13.16	56.45	7.92	13.20	BDL	3.48	BDL
21-11-2023	SALT WEIGH BRIDGE	10.90	50.32	7.56	8.14	BDL	1.68	BDL
	PVC WATCH TOWER	9.78	47.56	8.36	12.25	BDL	1.90	BDL
22-11-2023	TWAD PUMP HOUSE	11.22	51.08	9.25	11.58	BDL	BDL	BDL
	QUARTERS C-3 BLOCK	7.28	37.50	6.92	7.08	BDL	BDL	BDL
23-11-2023	TCEP CHILLED WATER COMPRESSOR ROOM	9.54	48.54	7.91	11.95	2.54	3.14	BDL
	PVC WATCH TOWER	8.68	45.68	7.45	10.81	BDL	2.48	BDL
24-11-2023	SALT WEIGH BRIDGE	13.54	60.25	8.48	10.62	BDL	1.64	BDL
	A-BLOCK WATCH TOWER	12.85	52.34	7.86	16.74	BDL	5.62	BDL
25-11-2023	QUARTERS C-3 BLOCK	7.56	38.15	7.15	7.58	BDL	BDL	BDL
	PVC WATCH TOWER	8.65	43.28	7.69	11.56	BDL	2.66	BDL
26-11-2023	TWAD PUMP HOUSE	11.75	56.18	8.25	9.78	BDL	BDL	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	10.62	50.34	7.24	7.76	BDL	BDL	BDL
27-11-2023	SALT WEIGH BRIDGE	12.50	59.62	8.28	7.85	BDL	1.50	BDL
	PVC WATCH TOWER	10.14	52.16	8.56	14.20	BDL	3.18	BDL
28-11-2023	TWAD PUMP HOUSE	13.36	61.35	7.91	7.54	BDL	1.68	BDL
	A-BLOCK WATCH TOWER	12.25	57.26	7.60	13.76	BDL	4.78	BDL
29-11-2023	SALT WEIGH BRIDGE	11.50	51.10	7.48	9.74	BDL	1.58	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	9.78	48.85	8.16	7.95	BDL	BDL	BDL
30-11-2023	TWAD PUMP HOUSE	14.22	63.46	7.51	8.36	BDL	1.64	BDL
	QUARTERS C-3 BLOCK	7.98	40.32	7.86	7.28	BDL	BDL	BDL

BDL = < 1 microgram/m^3

Checked by :(Environment Dept)

Lab Incharge PVC(QC & LAB)

DGM (QC & LAB)

DCW LTD

SAHUPURAM

CENTRAL LABORATORY

01-01-2024

AMBIENT AIR QUALITY ANALYSIS REPORT - MONTH OF DECEMBER 2023								
DATE	STATION (At the top of)	$PM_{2.5}$	PM_{10}	NOx	SO_2	Cl_2	NH_3	VCM
		Microgram/m^3						
	NAAQ Standard	60 Max	100 Max	80 Max	80 Max	–	400 Max	–
01-12-2023	TWAD PUMP HOUSE	12.26	53.28	7.16	8.36	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	11.54	50.76	8.15	13.20	BDL	3.68	BDL
02-12-2023	SALT WEIGH BRIDGE	13.60	58.74	8.36	12.95	BDL	2.56	BDL
	QUARTERS C-3 BLOCK	8.36	44.63	7.10	6.82	BDL	BDL	BDL
03-12-2023	TCEP CHILLED WATER COMPRESSOR ROOM	10.68	49.35	8.16	11.78	1.64	2.48	BDL
	PVC WATCH TOWER	9.74	46.56	7.54	7.45	BDL	BDL	BDL
04-12-2023	TWAD PUMP HOUSE	14.75	60.12	8.16	10.54	BDL	1.94	BDL
	A-BLOCK WATCH TOWER	12.91	55.70	7.82	12.96	BDL	3.90	BDL
05-12-2023	SALT WEIGH BRIDGE	15.16	61.36	8.36	16.96	BDL	3.56	BDL
	PVC WATCH TOWER	12.80	53.68	7.56	8.10	BDL	BDL	BDL
06-12-2023	TCEP CHILLED WATER COMPRESSOR ROOM	12.15	50.35	8.18	13.28	2.10	3.16	BDL
	QUARTERS C-3 BLOCK	8.21	40.78	7.54	7.85	BDL	BDL	BDL
07-12-2023	SALT WEIGH BRIDGE	13.36	58.56	8.16	15.72	BDL	1.50	BDL
	A-BLOCK WATCH TOWER	12.91	51.76	7.54	8.65	BDL	BDL	BDL
08-12-2023	TCEP CHILLED WATER COMPRESSOR ROOM	9.50	42.15	7.95	8.16	2.82	2.94	BDL
	PVC WATCH TOWER	10.05	45.20	7.12	7.10	BDL	1.44	BDL
09-12-2023	TWAD PUMP HOUSE	11.16	50.65	7.64	8.04	BDL	2.02	BDL
	QUARTERS C-3 BLOCK	8.36	46.70	8.20	10.51	BDL	1.20	BDL
10-12-2023	TCEP CHILLED WATER COMPRESSOR ROOM	9.62	41.22	8.34	7.95	1.58	BDL	BDL
	A-BLOCK WATCH TOWER	9.14	40.35	8.16	8.28	BDL	BDL	BDL
11-12-2023	TWAD PUMP HOUSE	10.26	48.74	7.95	11.35	BDL	1.54	BDL
	PVC WATCH TOWER	9.16	46.85	7.54	14.26	BDL	2.62	BDL
12-12-2023	TCEP CHILLED WATER COMPRESSOR ROOM	11.55	50.78	7.12	8.56	BDL	BDL	BDL
	QUARTERS C-3 BLOCK	7.82	38.46	6.82	6.50	BDL	BDL	BDL
13-12-2023	SALT WEIGH BRIDGE	13.35	57.62	9.58	9.22	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	12.78	53.35	8.62	8.10	BDL	BDL	BDL
14-12-2023	TCEP CHILLED WATER COMPRESSOR ROOM	9.77	44.52	9.16	8.36	BDL	2.56	BDL
	QUARTERS C-3 BLOCK	8.11	37.28	8.36	8.08	BDL	BDL	BDL
15-12-2023	SALT WEIGH BRIDGE	11.64	54.46	9.11	8.44	BDL	2.64	BDL
	PVC WATCH TOWER	10.45	49.62	7.56	15.24	BDL	3.12	BDL

BDL = < 1 microgram/m^3

Cont...2

AMBIENT AIR QUALITY ANALYSIS REPORT - MONTH OF DECEMBER 2023								
DATE	STATION (At the top of)	$PM_{2.5}$	PM_{10}	NOx	SO_2	Cl_2	NH_3	VCM
		Microgram/m^3						
	NAAQ Standard	60 Max	100 Max	80 Max	80 Max	–	400 Max	–
16-12-2023	TWAD PUMP HOUSE	10.22	49.60	8.92	8.50	BDL	1.68	BDL
	A-BLOCK WATCH TOWER	9.16	45.84	8.76	13.20	BDL	4.16	BDL
26-12-2023	TCEP CHILLED WATER COMPRESSOR ROOM	11.36	53.16	8.28	10.20	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	10.24	50.71	7.54	7.12	BDL	BDL	BDL
27-12-2023	SALT WEIGH BRIDGE	12.42	54.46	8.50	8.36	BDL	BDL	BDL
	PVC WATCH TOWER	11.66	52.94	8.12	10.24	BDL	BDL	BDL
28-12-2023	TWAD PUMP HOUSE	13.12	60.35	9.26	10.36	BDL	2.58	BDL
	QUARTERS C-3 BLOCK	8.16	41.70	7.91	7.56	BDL	BDL	BDL
29-12-2023	SALT WEIGH BRIDGE	14.16	61.35	8.56	8.45	BDL	1.54	BDL
	TWAD PUMP HOUSE	13.54	56.78	9.16	11.36	BDL	2.12	BDL
30-12-2023	TCEP CHILLED WATER COMPRESSOR ROOM	12.76	54.31	8.53	12.68	BDL	BDL	BDL
	PVC WATCH TOWER	12.85	59.74	9.36	14.25	BDL	4.74	BDL
31-12-2023	A-BLOCK WATCH TOWER	11.16	49.82	8.54	13.12	BDL	5.86	BDL
	QUARTERS C-3 BLOCK	8.04	42.36	7.58	7.94	BDL	BDL	BDL

BDL = < 1 microgram/m^3

Remarks: From 17th to 25th-All plant under shutdown due to heavy rain.

Checked by :(Environment Dept) Lab Incharge PVC(QC & LAB) DGM (QC & LAB)

DCW LTD

SAHUPURAM

CENTRAL LABORATORY

01-02-2024

AMBIENT AIR QUALITY ANALYSIS REPORT - MONTH OF JANUARY 2024								
DATE	STATION (At the top of)	$PM_{2.5}$	PM_{10}	NOx	SO_2	Cl_2	NH_3	VCM
		Microgram/m^3						
	NAAQ Standard	60 Max	100 Max	80 Max	80 Max	–	400 Max	–
01-01-2024	TCEP CHILLED WATER COMPRESSOR ROOM	11.72	54.75	8.16	12.36	BDL	1.52	BDL
	PVC WATCH TOWER	12.85	56.16	7.54	7.45	BDL	1.68	BDL
02-01-2024	TWAD PUMP HOUSE	12.64	57.36	8.36	9.40	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	13.10	60.14	8.46	8.08	BDL	BDL	BDL
03-01-2024	SALT WEIGH BRIDGE	14.60	61.18	9.16	8.52	BDL	2.54	BDL
	PVC WATCH TOWER	10.36	50.78	8.95	16.10	BDL	BDL	BDL
04-01-2024	TCEP CHILLED WATER COMPRESSOR ROOM	11.64	48.45	8.62	11.48	2.64	3.48	BDL
	QUARTERS C-3 BLOCK	7.94	38.16	6.95	7.16	BDL	BDL	BDL
05-01-2024	SALT WEIGH BRIDGE	13.35	58.68	7.48	8.36	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	11.64	51.54	8.35	7.94	BDL	BDL	BDL
06-01-2024	QUARTERS C-3 BLOCK	8.30	38.84	7.48	7.12	BDL	BDL	BDL
	PVC WATCH TOWER	11.25	47.36	7.90	13.46	BDL	BDL	BDL
07-01-2024	TWAD PUMP HOUSE	13.54	56.46	8.12	9.16	BDL	BDL	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	11.62	48.12	7.87	8.14	BDL	1.56	BDL
08-01-2024	A-BLOCK WATCH TOWER	12.64	49.50	8.28	7.58	BDL	1.88	BDL
	QUARTERS C-3 BLOCK	8.22	41.62	7.32	7.48	BDL	BDL	BDL
09-01-2024	SALT WEIGH BRIDGE	14.58	56.78	8.28	9.14	BDL	2.58	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	10.64	44.50	7.44	7.65	BDL	BDL	BDL
10-01-2024	TWAD PUMP HOUSE	13.12	53.36	8.16	9.32	BDL	BDL	BDL
	PVC WATCH TOWER	12.65	48.48	8.48	14.28	BDL	3.54	BDL
11-01-2024	SALT WEIGH BRIDGE	14.68	62.86	8.62	8.40	BDL	1.68	BDL
	A-BLOCK WATCH TOWER	13.35	51.46	7.91	11.28	BDL	2.86	BDL
12-01-2024	TWAD PUMP HOUSE	12.85	48.36	6.84	7.02	BDL	BDL	BDL
	QUARTERS C-3 BLOCK	7.90	38.74	6.65	6.54	BDL	BDL	BDL
13-01-2024	A-BLOCK WATCH TOWER	14.26	60.72	8.56	12.36	BDL	3.12	BDL
	PVC WATCH TOWER	13.12	57.36	9.28	15.30	BDL	4.58	BDL
14-01-2024	SALT WEIGH BRIDGE	16.72	64.46	10.35	9.38	BDL	BDL	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	14.28	55.28	9.78	8.11	1.50	BDL	BDL
15-01-2024	QUARTERS C-3 BLOCK	7.72	38.18	8.28	7.46	BDL	BDL	BDL
	PVC WATCH TOWER	10.35	49.56	9.46	13.20	BDL	3.86	BDL

BDL = < 1 microgram/m^3

Cont...2

AMBIENT AIR QUALITY ANALYSIS REPORT - MONTH OF JANUARY 2024								
DATE	STATION (At the top of)	$PM_{2.5}$	PM_{10}	NOx	SO_2	Cl_2	NH_3	VCM
		Microgram/m^3						
	NAAQ Standard	60 Max	100 Max	80 Max	80 Max	–	400 Max	–
16-01-2024	TWAD PUMP HOUSE	15.86	57.45	8.28	8.40	BDL	BDL	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	12.78	50.12	8.91	10.25	BDL	2.08	BDL
17-01-2024	A-BLOCK WATCH TOWER	14.46	69.15	9.32	8.50	BDL	1.48	BDL
	PVC WATCH TOWER	13.12	60.76	9.46	14.30	BDL	4.74	BDL
18-01-2024	TCEP CHILLED WATER COMPRESSOR ROOM	13.25	57.42	7.91	8.56	BDL	2.16	BDL
	QUARTERS C-3 BLOCK	8.16	44.35	7.87	7.44	BDL	BDL	BDL
19-01-2024	SALT WEIGH BRIDGE	12.72	54.62	8.92	7.54	BDL	2.52	BDL
	A-BLOCK WATCH TOWER	11.55	52.16	8.54	10.25	BDL	3.14	BDL
20-01-2024	TWAD PUMP HOUSE	17.12	72.55	9.12	8.48	BDL	1.58	BDL
	PVC WATCH TOWER	14.20	64.62	9.28	13.36	BDL	5.56	BDL
21-01-2024	SALT WEIGH BRIDGE	16.25	67.32	8.84	9.12	BDL	4.25	BDL
	QUARTERS C-3 BLOCK	8.58	45.24	8.10	9.35	BDL	1.64	BDL
22-01-2024	TWAD PUMP HOUSE	15.64	64.76	9.24	8.58	BDL	1.72	BDL
	PVC WATCH TOWER	13.42	58.35	9.85	14.12	BDL	3.28	BDL
23-01-2024	SALT WEIGH BRIDGE	14.16	64.46	9.54	8.68	BDL	1.50	BDL
	A-BLOCK WATCH TOWER	13.50	60.25	9.68	13.10	BDL	2.58	BDL
24-01-2024	TWAD PUMP HOUSE	15.54	70.16	8.54	8.68	BDL	BDL	BDL
	QUARTERS C-3 BLOCK	8.46	44.50	7.56	7.90	BDL	BDL	BDL
25-01-2024	TCEP CHILLED WATER COMPRESSOR ROOM	11.48	51.72	8.54	7.68	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	12.68	55.45	9.08	14.15	BDL	3.56	BDL
26-01-2024	SALT WEIGH BRIDGE	17.36	74.45	8.51	9.16	BDL	2.02	BDL
	QUARTERS C-3 BLOCK	8.85	49.25	8.02	7.76	BDL	BDL	BDL
27-01-2024	TWAD PUMP HOUSE	16.45	72.26	9.12	8.50	BDL	2.16	BDL
	PVC WATCH TOWER	13.10	58.75	8.91	15.26	BDL	6.12	BDL
28-01-2024	SALT WEIGH BRIDGE	15.86	65.56	8.56	8.48	BDL	1.54	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	13.08	59.12	7.54	8.02	BDL	6.86	BDL
29-01-2024	A-BLOCK WATCH TOWER	14.26	60.54	8.12	12.56	BDL	4.80	BDL
	PVC WATCH TOWER	13.16	57.76	9.50	15.62	BDL	5.10	BDL
30-01-2024	TWAD PUMP HOUSE	15.20	70.55	8.12	9.50	BDL	BDL	BDL
	QUARTERS C-3 BLOCK	9.12	48.16	7.50	8.48	BDL	BDL	BDL
31-01-2024	SALT WEIGH BRIDGE	16.56	71.15	8.10	7.54	BDL	1.68	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	11.36	50.28	8.54	9.18	1.54	1.76	BDL

BDL = < 1 microgram/m^3

E. Nayagam.
Checked by :(Environment Dept)

Lab Incharge PVC(QC & LAB)

DGM (QC & LAB)

DCW LTD

SAHUPURAM

CENTRAL LABORATORY

01-03-2024

AMBIENT AIR QUALITY ANALYSIS REPORT - MONTH OF FEBRUARY 2024								
DATE	STATION (At the top of)	$PM_{2.5}$	PM_{10}	NOx	SO_2	Cl_2	NH_3	VCM
		Microgram/m^3						
	NAAQ Standard	60 Max	100 Max	80 Max	80 Max	–	400 Max	–
01-02-2024	SALT WEIGH BRIDGE	15.23	61.36	8.12	10.56	BDL	2.56	BDL
	QUARTERS C-3 BLOCK	8.68	46.10	8.36	7.54	BDL	BDL	BDL
02-02-2024	TWAD PUMP HOUSE	16.35	68.72	7.94	8.34	BDL	1.54	BDL
	A-BLOCK WATCH TOWER	12.44	54.45	8.32	14.26	BDL	5.86	BDL
03-02-2024	TCEP CHILLED WATER COMPRESSOR ROOM	13.35	60.72	8.48	9.51	2.16	3.14	BDL
	PVC WATCH TOWER	14.12	61.14	8.51	16.22	BDL	2.74	BDL
04-02-2024	SALT WEIGH BRIDGE	16.25	62.35	8.34	7.54	BDL	1.68	BDL
	A-BLOCK WATCH TOWER	13.32	55.28	8.16	13.28	BDL	5.34	BDL
05-02-2024	TCEP CHILLED WATER COMPRESSOR ROOM	12.25	51.54	9.08	8.12	BDL	BDL	BDL
	QUARTERS C-3 BLOCK	9.16	48.74	8.34	7.11	BDL	BDL	BDL
06-02-2024	TWAD PUMP HOUSE	17.84	70.55	7.84	7.50	BDL	1.50	BDL
	PVC WATCH TOWER	14.35	60.50	8.16	15.26	BDL	4.82	BDL
07-02-2024	SALT WEIGH BRIDGE	18.20	76.18	8.26	8.04	BDL	1.56	BDL
	QUARTERS C-3 BLOCK	9.34	45.78	7.34	6.92	BDL	BDL	BDL
08-02-2024	TCEP CHILLED WATER COMPRESSOR ROOM	13.25	58.21	8.02	7.54	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	15.35	60.82	8.16	14.68	BDL	4.54	BDL
09-02-2024	SALT WEIGH BRIDGE	19.25	74.56	9.68	8.56	BDL	2.04	BDL
	PVC WATCH TOWER	14.32	60.72	10.35	16.62	BDL	6.16	BDL
10-02-2024	A-BLOCK WATCH TOWER	15.25	59.76	9.86	9.56	BDL	2.16	BDL
	QUARTERS C-3 BLOCK	9.56	48.12	6.91	7.04	BDL	BDL	BDL
11-02-2024	TWAD PUMP HOUSE	17.91	70.88	9.28	8.54	BDL	BDL	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	14.46	60.12	9.12	8.15	BDL	BDL	BDL
12-02-2024	A-BLOCK WATCH TOWER	15.36	69.45	10.18	12.64	BDL	3.12	BDL
	PVC WATCH TOWER	14.12	61.78	9.78	15.55	BDL	6.24	BDL
13-02-2024	TCEP CHILLED WATER COMPRESSOR ROOM	14.25	59.25	10.36	11.02	BDL	BDL	BDL
	QUARTERS C-3 BLOCK	9.36	46.26	8.52	8.12	BDL	BDL	BDL
14-02-2024	SALT WEIGH BRIDGE	18.32	74.45	9.56	9.45	BDL	1.54	BDL
	PVC WATCH TOWER	15.28	60.78	10.25	17.15	BDL	4.62	BDL
15-02-2024	TWAD PUMP HOUSE	17.14	61.14	9.12	8.54	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	13.08	54.45	8.48	13.26	BDL	3.65	BDL

BDL = < 1 microgram/m^3

Cont...2

AMBIENT AIR QUALITY ANALYSIS REPORT - MONTH OF FEBRUARY 2024								
DATE	STATION (At the top of)	$PM_{2.5}$	PM_{10}	NOx	SO_2	Cl_2	NH_3	VCM
		Microgram/m^3						
	NAAQ Standard	60 Max	100 Max	80 Max	80 Max	–	400 Max	–
16-02-2024	TCEP CHILLED WATER COMPRESSOR ROOM	11.04	54.12	7.56	8.14	BDL	BDL	BDL
	PVC WATCH TOWER	15.29	62.48	8.94	14.28	BDL	5.08	BDL
17-02-2024	SALT WEIGH BRIDGE	18.20	76.64	9.08	8.15	BDL	BDL	BDL
	TWAD PUMP HOUSE	17.48	73.16	8.91	8.08	BDL	BDL	BDL
18-02-2024	A-BLOCK WATCH TOWER	13.30	58.15	9.25	11.75	BDL	4.56	BDL
	QUARTERS C-3 BLOCK	10.62	49.72	7.52	7.14	BDL	BDL	BDL
19-02-2024	TWAD PUMP HOUSE	16.78	71.18	8.06	7.58	BDL	BDL	BDL
	PVC WATCH TOWER	14.15	69.35	8.91	14.65	BDL	6.12	BDL
20-02-2024	SALT WEIGH BRIDGE	15.36	70.94	9.08	8.50	BDL	BDL	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	14.28	60.71	8.82	7.54	BDL	BDL	BDL
21-02-2024	A-BLOCK WATCH TOWER	13.25	65.72	9.36	11.74	BDL	3.58	BDL
	PVC WATCH TOWER	14.16	70.94	9.45	13.28	BDL	4.16	BDL
22-02-2024	SALT WEIGH BRIDGE	16.56	74.24	10.62	12.74	1.58	3.64	BDL
	QUARTERS C-3 BLOCK	10.76	49.36	8.48	7.50	BDL	BDL	BDL
23-02-2024	TWAD PUMP HOUSE	17.81	72.38	9.04	13.25	1.64	2.56	BDL
	PVC WATCH TOWER	15.74	68.16	9.12	10.78	BDL	3.10	BDL
24-02-2024	TCEP CHILLED WATER COMPRESSOR ROOM	14.25	57.65	8.54	9.56	1.75	1.85	BDL
	A-BLOCK WATCH TOWER	15.34	60.78	9.16	8.08	BDL	2.60	BDL
25-02-2024	TWAD PUMP HOUSE	19.74	79.81	9.29	8.50	BDL	2.52	BDL
	QUARTERS C-3 BLOCK	10.56	50.78	8.91	11.78	BDL	1.48	BDL
26-02-2024	SALT WEIGH BRIDGE	20.16	81.16	9.12	8.52	BDL	2.04	BDL
	PVC WATCH TOWER	16.75	73.32	9.63	16.78	BDL	6.94	BDL
27-02-2024	TWAD PUMP HOUSE	18.56	75.16	8.47	10.15	BDL	2.56	BDL
	QUARTERS C-3 BLOCK	9.48	51.12	7.62	7.18	BDL	BDL	BDL
28-02-2024	TCEP CHILLED WATER COMPRESSOR ROOM	15.21	60.25	10.28	13.16	1.86	3.48	BDL
	A-BLOCK WATCH TOWER	16.08	62.35	9.34	8.45	BDL	BDL	BDL
29-02-2024	TWAD PUMP HOUSE	20.12	78.94	10.35	12.24	BDL	4.04	BDL
	PVC WATCH TOWER	16.46	71.38	11.42	10.96	BDL	5.86	BDL

BDL = < 1 microgram/m^3

Checked by :(Environment Dept) Lab Incharge PVC(QC & LAB) DGM (QC & LAB)

DCW LTD

SAHUPURAM

CENTRAL LABORATORY

01-04-2024

AMBIENT AIR QUALITY ANALYSIS REPORT - MONTH OF MARCH 2024								
DATE	STATION (At the top of)	$PM_{2.5}$	PM_{10}	NOx	SO_2	Cl_2	NH_3	VCM
		Microgram/m^3						
	NAAQ Standard	60 Max	100 Max	80 Max	80 Max	–	400 Max	–
01-03-2024	SALT WEIGH BRIDGE	18.20	68.35	9.16	8.55	BDL	1.58	BDL
	A-BLOCK WATCH TOWER	16.56	62.12	9.48	9.08	BDL	4.62	BDL
02-03-2024	TCEP CHILLED WATER COMPRESSOR ROOM	15.20	68.91	9.54	13.25	BDL	1.95	BDL
	QUARTERS C-3 BLOCK	11.66	50.28	8.62	7.54	BDL	BDL	BDL
03-03-2024	TWAD PUMP HOUSE	19.35	78.84	10.54	9.81	BDL	2.54	BDL
	PVC WATCH TOWER	14.62	63.36	9.82	12.25	BDL	3.86	BDL
04-03-2024	A-BLOCK WATCH TOWER	13.32	57.45	10.16	9.84	BDL	1.65	BDL
	QUARTERS C-3 BLOCK	10.02	47.76	8.08	7.48	BDL	BDL	BDL
05-03-2024	SALT WEIGH BRIDGE	17.34	69.16	9.78	14.60	1.54	3.16	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	15.20	60.72	8.94	9.08	1.68	2.68	BDL
06-03-2024	TWAD PUMP HOUSE	18.36	70.15	9.04	13.26	1.86	4.04	BDL
	PVC WATCH TOWER	15.84	64.46	9.62	12.32	BDL	2.98	BDL
07-03-2024	SALT WEIGH BRIDGE	16.36	71.14	8.94	14.36	BDL	4.08	BDL
	A-BLOCK WATCH TOWER	15.25	60.08	8.52	9.12	BDL	2.56	BDL
08-03-2024	TCEP CHILLED WATER COMPRESSOR ROOM	13.36	52.74	8.14	15.24	2.44	3.18	BDL
	QUARTERS C-3 BLOCK	11.08	50.84	7.62	7.78	BDL	BDL	BDL
09-03-2024	A-BLOCK WATCH TOWER	15.36	72.20	8.12	8.54	BDL	2.56	BDL
	PVC WATCH TOWER	14.28	69.56	8.36	7.58	BDL	BDL	BDL
10-03-2024	TWAD PUMP HOUSE	18.36	65.78	9.08	8.50	BDL	1.58	BDL
	QUARTERS C-3 BLOCK	10.68	48.25	8.66	12.34	BDL	1.84	BDL
11-03-2024	SALT WEIGH BRIDGE	18.54	76.24	9.25	8.64	BDL	2.04	BDL
	PVC WATCH TOWER	14.30	65.78	8.94	16.25	BDL	4.64	BDL
12-03-2024	TCEP CHILLED WATER COMPRESSOR ROOM	15.38	66.35	9.12	11.56	1.28	2.56	BDL
	QUARTERS C-3 BLOCK	9.64	48.72	8.48	7.50	BDL	BDL	BDL
13-03-2024	SALT WEIGH BRIDGE	16.35	54.46	9.12	12.35	BDL	3.12	BDL
	TWAD PUMP HOUSE	20.42	66.78	8.55	10.78	BDL	3.50	BDL
14-03-2024	TCEP CHILLED WATER COMPRESSOR ROOM	14.26	55.36	9.72	15.25	2.78	4.16	BDL
	A-BLOCK WATCH TOWER	13.62	52.62	7.50	8.14	BDL	BDL	BDL
15-03-2024	TWAD PUMP HOUSE	16.48	58.74	8.34	10.20	BDL	2.56	BDL
	PVC WATCH TOWER	15.20	55.20	9.28	13.26	BDL	1.64	BDL

BDL = < 1 microgram/m^3

Cont...2

AMBIENT AIR QUALITY ANALYSIS REPORT - MONTH OF MARCH 2024								
DATE	STATION (At the top of)	$PM_{2.5}$	PM_{10}	NOx	SO_2	Cl_2	NH_3	VCM
		Microgram/m^3						
	NAAQ Standard	60 Max	100 Max	80 Max	80 Max	–	400 Max	–
16-03-2024	A-BLOCK WATCH TOWER	14.35	55.94	8.78	8.14	BDL	1.78	BDL
	QUARTERS C-3 BLOCK	10.76	50.12	7.52	6.95	BDL	BDL	BDL
17-03-2024	SALT WEIGH BRIDGE	19.35	67.76	8.12	7.54	BDL	1.84	BDL
	PVC WATCH TOWER	18.71	60.14	9.35	13.75	BDL	2.96	BDL
18-03-2024	TWAD PUMP HOUSE	20.42	70.25	10.36	9.84	BDL	2.85	BDL
	QUARTERS C-3 BLOCK	11.76	46.34	9.08	8.16	BDL	1.52	BDL
19-03-2024	SALT WEIGH BRIDGE	21.35	73.36	8.56	8.14	BDL	2.54	BDL
	PVC WATCH TOWER	18.28	71.18	10.36	9.78	BDL	2.15	BDL
20-03-2024	TWAD PUMP HOUSE	19.76	69.15	9.62	8.85	BDL	BDL	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	17.22	60.18	9.56	11.86	1.56	2.94	BDL
21-03-2024	SALT WEIGH BRIDGE	12.35	50.86	8.94	7.56	BDL	BDL	BDL
	A-BLOCK WATCH TOWER	11.18	48.15	8.50	8.08	BDL	BDL	BDL
22-03-2024	TCEP CHILLED WATER COMPRESSOR ROOM	11.55	49.78	9.35	10.24	BDL	3.12	BDL
	QUARTERS C-3 BLOCK	9.30	47.18	7.25	7.08	BDL	BDL	BDL
23-03-2024	A-BLOCK WATCH TOWER	13.56	54.46	8.62	8.44	BDL	2.46	BDL
	PVC WATCH TOWER	12.72	50.15	7.87	12.72	BDL	4.74	BDL
24-03-2024	SALT WEIGH BRIDGE	14.55	55.64	8.46	7.76	BDL	1.86	BDL
	QUARTERS C-3 BLOCK	9.64	42.81	7.62	6.84	BDL	BDL	BDL
25-03-2024	TWAD PUMP HOUSE	18.20	60.54	8.51	13.60	1.64	4.62	BDL
	PVC WATCH TOWER	14.16	52.75	9.54	10.85	BDL	2.08	BDL
26-03-2024	TCEP CHILLED WATER COMPRESSOR ROOM	15.22	56.78	9.54	14.26	2.56	4.20	BDL
	QUARTERS C-3 BLOCK	10.65	44.25	8.82	7.94	BDL	BDL	BDL
27-03-2024	SALT WEIGH BRIDGE	13.12	56.32	9.18	8.56	BDL	1.48	BDL
	A-BLOCK WATCH TOWER	12.28	50.15	9.02	8.95	BDL	2.84	BDL
28-03-2024	TWAD PUMP HOUSE	14.25	54.45	10.12	9.58	BDL	1.86	BDL
	TCEP CHILLED WATER COMPRESSOR ROOM	13.08	50.78	9.56	12.78	BDL	2.18	BDL
29-03-2024	SALT WEIGH BRIDGE	15.68	56.82	9.14	13.15	BDL	2.52	BDL
	PVC WATCH TOWER	12.36	49.15	8.52	9.85	BDL	BDL	BDL
30-03-2024	TCEP CHILLED WATER COMPRESSOR ROOM	13.24	54.38	9.36	14.72	1.84	3.54	BDL
	A-BLOCK WATCH TOWER	14.15	58.72	8.52	12.15	BDL	2.86	BDL
31-03-2024	TWAD PUMP HOUSE	17.76	60.12	9.18	9.78	BDL	1.92	BDL
	QUARTERS C-3 BLOCK	10.72	49.16	8.94	8.14	BDL	BDL	BDL

BDL = < 1 microgram/m^3

Checked by :(Environment Dept) Lab Incharge PVC(QC & LAB) DGM (QC & LAB)

DCW Limited, Sahupuram:

METEOROLOGICAL DATA FOR THE MONTH OF OCTOBER- 2023

Date	Relative Humidity %			Temperature °C		Wind		Rain fall in mm
	Maximum	Minimum	Average	Maximum	Minimum	Direction (From)	Velocity Kmph (Average)	
01-10-2023	84.60	54.50	71.74	34.00	26.30	s & sw	9.17	-
02-10-2023	86.20	60.50	77.08	33.10	26.30	s & sw	8.46	-
03-10-2023	87.30	64.20	79.10	32.80	26.00	s & sw	10.42	-
04-10-2023	85.90	54.90	75.73	34.60	26.00	s & sw	9.25	-
05-10-2023	84.80	52.00	72.45	35.50	26.30	s & sw	6.90	-
06-10-2023	84.80	54.90	69.50	34.90	26.70	s & sw	6.13	-
07-10-2023	82.70	49.30	69.04	35.40	26.80	s & sw	6.79	-
08-10-2023	86.10	49.00	71.57	35.70	26.70	s & sw	8.92	-
09-10-2023	87.70	57.10	75.76	34.30	27.30	s & sw	8.06	-
10-10-2023	87.10	59.30	76.77	33.70	27.40	s & sw	7.60	-
11-10-2023	83.70	55.50	73.33	34.70	27.30	s & sw	7.75	-
12-10-2023	87.10	61.70	75.66	33.20	25.80	s & sw	4.65	-
13-10-2023	87.90	59.40	75.40	33.20	26.00	s & sw	4.88	-
14-10-2023	85.80	63.60	78.32	32.70	25.80	s & sw	3.58	-
15-10-2023	86.30	64.20	76.32	32.10	25.90	s & sw	5.13	-
16-10-2023	84.60	69.60	78.33	30.30	26.10	s & sw	5.33	-
17-10-2023	92.60	68.60	81.28	31.80	25.70	s & sw	4.56	1.40
18-10-2023	93.40	58.90	82.37	32.40	25.40	s & sw	4.33	-
19-10-2023	93.50	67.90	81.28	31.20	25.70	E & NE	4.98	-
20-10-2023	88.40	68.60	79.46	31.30	25.80	E & NE	5.04	-
21-10-2023	90.50	56.70	75.60	33.00	25.20	E & NE	5.65	-
22-10-2023	88.50	61.90	77.42	32.70	26.20	E & NE	5.46	-
23-10-2023	87.00	60.40	78.69	32.50	26.20	E & NE	4.40	0.30
24-10-2023	89.40	55.10	75.16	34.10	25.40	E & NE	5.08	-
25-10-2023	87.50	62.80	76.22	33.20	26.50	E & NE	4.23	-
26-10-2023	89.90	63.20	77.95	32.50	25.60	E & NE	6.96	-
27-10-2023	89.30	64.00	76.76	31.90	26.20	E & NE	7.79	-
28-10-2023	89.30	70.90	80.81	31.20	25.80	E & NE	7.54	1.90
29-10-2023	94.40	70.30	85.81	30.90	24.90	E & NE	4.04	21.30
30-10-2023	95.30	75.70	86.85	29.80	23.60	E & NE	6.04	46.50
31-10-2023	95.00	69.80	82.21	31.10	23.60	E & NE	7.83	0.30

Asst.Manager (Environment)

Dy.General Manager (Environment)

DCW Limited, Sahupuram:

METEOROLOGICAL DATA FOR THE MONTH OF NOVEMBER- 2023

Date	Relative Humidity %			Temperature °C		Wind		Rain fall in mm
	Maximum	Minimum	Average	Maximum	Minimum	Direction (From)	Velocity Kmph (Average)	
01-11-2023	94.40	67.90	82.34	31.40	23.80	N & NE	6.88	13.00
02-11-2023	95.80	75.50	87.33	30.40	24.10	N & NE	6.54	0.60
03-11-2023	95.30	78.70	90.17	29.50	25.20	N & NE	4.04	22.70
04-11-2023	96.00	64.60	85.49	31.90	24.40	N & NE	3.58	0.30
05-11-2023	94.60	62.90	83.00	32.70	24.80	N & NE	3.56	-
06-11-2023	94.60	67.00	80.94	31.60	24.20	N & NE	7.63	15.10
07-11-2023	96.00	68.50	84.49	31.20	24.00	N & NE	6.60	0.80
08-11-2023	94.80	72.30	85.82	30.70	24.60	N & NE	5.35	25.30
09-11-2023	96.20	74.00	85.53	29.90	23.60	N & NE	6.21	5.90
10-11-2023	95.50	78.20	87.36	29.90	23.80	N & NE	6.38	2.10
11-11-2023	94.80	72.80	87.10	31.00	25.10	N & NE	7.42	11.50
12-11-2023	91.40	66.40	78.79	31.20	25.20	N & NE	7.46	-
13-11-2023	84.50	66.10	77.04	30.80	25.10	N & NE	7.08	-
14-11-2023	87.00	64.60	76.64	30.80	25.80	N & NE	6.48	-
15-11-2023	87.60	59.80	76.30	32.30	24.50	N & NE	5.63	-
16-11-2023	88.70	66.40	77.99	30.90	25.80	N & NE	9.92	-
17-11-2023	89.40	72.80	81.19	30.90	26.30	N & NE	9.58	-
18-11-2023	92.30	71.60	82.36	31.10	25.80	N & NE	7.69	24.50
19-11-2023	96.30	90.70	93.24	27.20	22.90	N & NE	5.73	81.70
20-11-2023	92.90	70.20	83.16	30.70	24.20	N & NE	7.40	-
21-11-2023	92.60	72.00	82.38	30.20	25.30	N & NE	6.50	3.30
22-11-2023	93.60	72.40	86.76	31.20	25.40	N & NE	3.63	32.30
23-11-2023	95.80	70.90	86.02	30.20	24.00	N & NE	3.54	2.40
24-11-2023	93.40	72.40	83.40	30.70	24.70	N & NE	7.10	-
25-11-2023	93.10	76.30	85.56	29.40	25.60	N & NE	6.65	9.50
26-11-2023	93.60	71.80	82.88	30.60	24.80	N & NE	9.25	-
27-11-2023	92.20	70.50	83.69	30.90	25.00	N & NE	7.63	-
28-11-2023	90.10	66.00	80.61	30.50	25.40	N & NE	6.58	-
29-11-2023	93.80	72.20	83.18	30.90	25.20	N & NE	10.13	1.30
30-11-2023	93.20	69.10	83.13	30.70	24.80	N & NE	7.44	-

Asst.Manager (Environment)

Dy.General Manager (Environment)

DCW Limited, Sahupuram:

METEOROLOGICAL DATA FOR THE MONTH OF DECEMBER - 2023

Date	Relative Humidity %			Temperature °C		Wind		Rain fall in mm
	Maximum	Minimum	Average	Maximum	Minimum	Direction (From)	Velocity Kmph (Average)	
01-12-2023	93.00	73.30	84.01	31.70	24.60	N & NE	8.46	-
02-12-2023	90.80	69.50	81.83	33.70	26.20	N & NE	6.75	-
03-12-2023	92.90	61.50	81.60	36.60	25.60	S & SE	8.31	-
04-12-2023	95.10	60.90	82.04	37.20	26.60	S & SE	8.25	-
05-12-2023	89.90	57.70	79.86	37.80	26.00	S & SE	7.92	-
06-12-2023	89.90	59.40	80.75	36.50	26.60	N & NE	8.92	-
07-12-2023	93.80	60.50	81.57	36.40	26.20	N & NE	8.81	-
08-12-2023	95.40	72.30	84.58	33.70	26.00	N & NE	11.13	35.00
09-12-2023	99.00	78.90	89.63	31.60	23.90	N & NE	12.54	-
10-12-2023	95.80	84.80	91.66	28.30	25.70	N & NE	11.42	10.00
11-12-2023	95.40	79.80	89.51	28.20	25.60	N & NE	12.83	-
12-12-2023	93.70	76.60	84.87	29.80	24.80	N & NE	11.27	-
13-12-2023	92.40	76.10	83.79	29.80	23.90	N & NE	12.31	-
14-12-2023	88.80	70.80	81.43	30.70	23.80	N & NE	11.38	-
15-12-2023	90.50	78.50	84.55	28.40	25.20	N & NE	12.48	1.50
16-12-2023	95.50	87.70	92.20	26.70	23.70	N & NE	9.98	24.50
17-12-2023	98.30	94.40	96.81	25.90	22.70	N & NE	11.77	655.00
18-12-2023	98.10	93.30	96.40	24.30	22.10	N & NE	8.46	27.00
19-12-2023	97.00	84.70	91.18	26.60	23.30	N & NE	6.75	-
20-12-2023	97.20	82.70	90.37	28.60	23.80	N & NE	8.31	-
21-12-2023	96.50	85.60	91.88	28.80	24.10	N & NE	8.25	-
22-12-2023	97.00	80.60	89.37	29.30	24.30	N & NE	7.92	-
23-12-2023	95.60	77.70	87.44	29.20	23.90	N & NE	8.92	-
24-12-2023	93.60	75.10	85.57	29.10	24.10	N & NE	8.81	-
25-12-2023	94.50	81.10	88.97	29.90	24.10	N & NE	11.13	-
26-12-2023	94.40	80.00	87.96	29.40	25.20	N & NE	12.54	-
27-12-2023	92.20	80.80	86.86	29.50	23.90	N & NE	11.42	0.50
28-12-2023	97.10	84.20	89.47	29.40	24.10	N & NE	12.94	1.50
29-12-2023	96.50	85.90	91.51	29.30	25.20	N & NE	12.13	-
30-12-2023	93.80	82.00	88.73	29.50	25.70	N & NE	13.08	-
31-12-2023	93.50	80.00	87.43	29.30	25.00	N & NE	11.51	-

Asst.Manager (Environment)

Dy.General Manager (Environment)

DCW Limited, Sahupuram:

METEOROLOGICAL DATA FOR THE MONTH OF JANUARY - 2024

Date	Relative Humidity %			Temperature °C		Wind		Rain fall in mm
	Maximum	Minimum	Average	Maximum	Minimum	Direction (From)	Velocity Kmph (Average)	
01-01-2024	97.10	75.30	84.79	28.70	24.10	N & NE	10.44	-
02-01-2024	92.20	80.80	86.86	29.50	23.90	N & NE	11.42	-
03-01-2024	97.10	84.20	89.47	29.40	24.10	N & NE	12.94	-
04-01-2024	96.50	85.90	91.51	29.30	25.20	N & NE	12.13	-
05-01-2024	88.70	75.80	85.96	29.50	25.70	N & NE	12.48	4.00
06-01-2024	88.70	67.40	77.74	30.10	24.60	N & NE	11.35	-
07-01-2024	92.20	80.80	86.86	29.50	23.90	N & NE	11.42	-
08-01-2024	97.10	84.20	89.47	29.40	24.10	N & NE	12.94	-
09-01-2024	96.50	85.90	91.51	29.30	25.20	N & NE	12.13	30.10
10-01-2024	93.80	80.30	87.09	29.50	25.70	N & NE	11.85	0.30
11-01-2024	88.00	73.50	81.10	28.90	25.00	N & NE	11.90	-
12-01-2024	85.40	67.40	77.61	30.10	24.60	N & NE	11.35	-
13-01-2024	89.70	64.10	79.36	30.10	23.40	N & NE	9.42	-
14-01-2024	93.60	70.40	81.45	29.60	23.70	N & NE	11.10	-
15-01-2024	91.40	65.30	77.38	28.90	23.20	N & NE	11.63	-
16-01-2024	88.10	61.60	75.03	28.70	22.70	N & NE	8.88	-
17-01-2024	89.80	67.50	78.75	28.40	22.10	N & NE	7.58	-
18-01-2024	90.90	69.50	81.55	29.80	23.40	N & NE	9.44	-
19-01-2024	88.90	75.30	82.77	28.70	25.50	N & NE	9.81	11.50
20-01-2024	95.00	69.50	81.93	29.10	24.50	N & NE	6.10	-
21-01-2024	86.20	71.80	79.92	30.10	24.60	N & NE	9.25	-
22-01-2024	91.80	70.80	80.18	30.10	24.60	N & NE	11.50	-
23-01-2024	91.30	66.40	76.30	29.40	23.40	N & NE	10.98	-
24-01-2024	86.20	64.30	73.91	29.40	23.90	N & NE	9.52	-
25-01-2024	86.60	64.90	74.91	29.20	23.20	N & NE	8.13	-
26-01-2024	89.10	58.90	73.01	29.90	22.20	N & NE	11.25	-
27-01-2024	88.40	56.70	72.41	30.10	22.40	N & NE	11.85	-
28-01-2024	88.50	65.10	75.08	29.70	22.80	N & NE	11.48	-
29-01-2024	83.30	61.40	73.66	29.80	23.60	N & NE	13.52	-
30-01-2024	82.70	62.20	73.19	29.70	23.50	N & NE	11.50	-
31-01-2024	88.20	61.60	77.70	31.20	24.60	N & NE	8.02	-

Asst.Manager (Environment)

Dy.General Manager (Environment)

DCW Limited, Sahupuram:

METEOROLOGICAL DATA FOR THE MONTH OF FEBRUARY - 2024

Date	Relative Humidity %			Temperature °C		Wind		Rain fall in mm
	Maximum	Minimum	Average	Maximum	Minimum	Direction (From)	Velocity Kmph (Average)	
01-02-2024	88.80	75.50	82.83	29.10	25.60	N & NE	3.58	-
02-02-2024	91.70	71.40	81.60	30.40	25.10	N & NE	8.73	-
03-02-2024	91.40	58.70	76.37	30.70	25.20	N & NE	11.33	-
04-02-2024	88.20	61.70	74.14	30.70	23.90	N & NE	12.50	-
05-02-2024	88.30	63.30	75.49	30.60	23.70	N & NE	10.63	-
06-02-2024	88.30	65.70	74.80	29.60	23.00	N & NE	13.02	-
07-02-2024	87.90	62.60	72.70	30.00	22.80	N & NE	11.40	-
08-02-2024	90.00	64.30	75.61	29.90	22.50	N & NE	10.44	-
09-02-2024	89.10	62.50	75.93	29.90	23.30	N & NE	11.56	-
10-02-2024	86.30	66.20	75.08	30.30	24.40	N & NE	14.63	-
11-02-2024	88.50	64.50	74.61	30.40	24.10	N & NE	15.00	-
12-02-2024	85.60	58.30	71.36	31.30	23.10	N & NE	12.75	-
13-02-2024	84.40	63.50	75.13	31.30	23.90	N & NE	13.50	-
14-02-2024	85.30	66.00	75.59	30.80	26.00	N & NE	15.60	-
15-02-2024	85.50	65.50	75.08	30.70	24.10	N & NE	13.79	-
16-02-2024	84.20	60.60	74.15	31.70	24.50	N & NE	13.10	-
17-02-2024	82.90	63.10	74.26	30.90	25.10	N & NE	13.33	-
18-02-2024	88.00	67.30	77.98	30.40	24.80	N & NE	12.00	-
19-02-2024	88.10	60.60	76.17	30.60	25.10	N & NE	11.04	-
20-02-2024	90.30	63.20	75.91	31.10	24.80	N & NE	9.88	-
21-02-2024	88.50	62.60	76.74	30.90	24.80	N & NE	7.88	-
22-02-2024	90.30	60.80	78.73	33.20	25.30	SE & S	5.77	-
23-02-2024	84.00	57.30	73.80	33.80	25.70	SE & S	6.60	-
24-02-2024	86.20	59.20	74.25	32.90	25.50	SE & S	5.73	-
25-02-2024	80.40	64.30	72.36	30.40	27.60	E & NE	15.46	-
26-02-2024	82.30	67.50	74.39	31.40	26.10	E & NE	16.15	-
27-02-2024	84.20	65.80	74.33	31.60	26.10	E & NE	17.79	-
28-02-2024	84.50	64.30	74.48	31.20	24.70	E & NE	16.08	-
29-02-2024	87.30	63.90	74.80	30.80	24.50	E & NE	11.94	-

Asst.Manager (Environment)

Dy.General Manager (Environment)

DCW Limited, Sahupuram:

METEOROLOGICAL DATA FOR THE MONTH OF MARCH - 2024

Date	Relative Humidity %			Temperature °C		Wind		Rain fall in mm
	Maximum	Minimum	Average	Maximum	Minimum	Direction (From)	Velocity Kmph (Average)	
01-03-2024	86.40	67.00	76.73	30.70	24.70	N & NE	10.38	-
02-03-2024	89.40	55.90	75.02	31.70	23.30	N & NE	8.98	-
03-03-2024	88.60	66.70	77.45	30.40	24.90	N & NE	9.04	-
04-03-2024	87.10	64.70	78.24	30.70	24.90	N & NE	8.00	-
05-03-2024	86.00	62.80	76.69	30.70	24.70	N & NE	7.79	-
06-03-2024	86.00	68.70	79.07	31.20	25.20	N & NE	6.77	-
07-03-2024	90.40	65.50	79.18	31.50	24.90	N & NE	6.40	-
08-03-2024	89.50	61.30	76.73	32.80	25.30	S & SE	5.17	-
09-03-2024	90.30	60.10	76.14	33.30	25.80	S & SE	4.50	-
10-03-2024	88.90	58.30	74.90	32.10	26.30	N & NE	8.50	-
11-03-2024	84.50	59.60	73.12	32.20	25.20	N & NE	8.94	-
12-03-2024	87.20	61.30	73.24	31.60	25.10	N & NE	9.13	-
13-03-2024	91.30	54.80	73.86	33.40	24.90	N & NE	5.83	-
14-03-2024	89.20	58.80	74.47	33.20	24.40	S & SE	5.71	-
15-03-2024	92.90	59.90	80.35	33.10	26.60	S & SE	7.60	-
16-03-2024	92.30	63.60	79.21	33.10	26.30	S & SE	5.71	-
17-03-2024	90.10	68.30	78.81	31.60	26.20	N & NE	8.58	-
18-03-2024	88.10	55.20	73.01	30.90	25.30	N & NE	10.83	-
19-03-2024	87.40	64.50	73.90	31.50	25.00	N & NE	8.31	-
20-03-2024	84.60	59.10	73.67	32.10	25.70	N & NE	8.90	-
21-03-2024	84.60	68.70	75.38	32.00	26.40	N & NE	13.79	13.00
22-03-2024	91.40	70.70	79.22	31.50	25.70	N & NE	12.17	3.00
23-03-2024	87.70	63.90	75.65	32.30	26.70	N & NE	11.35	-
24-03-2024	87.90	67.50	76.46	31.90	26.20	N & NE	9.52	-
25-03-2024	88.00	60.60	73.19	31.80	25.50	N & NE	11.21	-
26-03-2024	85.30	56.50	70.98	32.40	25.50	N & NE	10.15	-
27-03-2024	82.90	68.30	75.96	31.90	26.10	N & NE	10.85	2.00
28-03-2024	91.20	66.60	78.90	32.70	26.90	S & SE	6.83	-
29-03-2024	88.60	65.80	77.48	33.20	26.40	S & SE	5.67	-
30-03-2024	90.70	52.40	73.02	33.50	26.70	S & SE	5.50	-
31-03-2024	88.80	55.00	72.52	34.30	25.40	S & SE	5.23	-

Asst.Manager (Environment)

Dy.General Manager (Environment)

DCW LIMITED (SAHUPURAM)

ON-LINE VCM MONITORING REPORT FOR SAHUPURAM
(Consolidated Report for the Month of OCTOBER -2023)

PVC DIVISION

Date	Concentration of VCM in ppm									
	CH-1 Unloading Area	CH-2 VCM Sphere S3 Bottom	CH-3 VCM Sphere S3 Top	CH-4 VCM Sphere S2 Bottom	CH-5 VCM Sphere S2 Top	CH-6 - V5 - V6 Storage Area	CH-7 VC Transfer Area	CH-8 Polymer ground floor	CH-9 Polymer first floor	CH-10 RVC Area
	GDS101	GDS102	GDS103	GDS104	GDS105	GDS106	GDS107	GDS201	GDS202	GDS601
01.10.2023	0.06	0.02	0.00	0.02	0.00	0.03	0.07	0.06	0.06	0.07
02.10.2023	0.06	0.02	0.00	0.02	0.00	0.03	0.07	0.06	0.06	0.07
03.10.2023	0.06	0.02	0.00	0.02	0.00	0.03	0.07	0.06	0.06	0.07
04.10.2023	0.03	0.02	0.00	0.02	0.00	0.03	0.04	0.03	0.04	0.04
05.10.2023	0.03	0.02	0.00	0.02	0.00	0.03	0.04	0.03	0.04	0.04
06.10.2023	0.03	0.02	0.00	0.02	0.00	0.03	0.04	0.03	0.04	0.04
07.10.2023	0.03	0.02	0.00	0.02	0.00	0.03	0.04	0.03	0.04	0.04
08.10.2023	0.03	0.02	0.00	0.02	0.00	0.03	0.04	0.03	0.04	0.04
09.10.2023	0.05	0.02	0.00	0.02	0.00	0.03	0.04	0.03	0.04	0.04
10.10.2023	0.05	0.02	0.00	0.02	0.00	0.03	0.05	0.03	0.04	0.04
11.10.2023	0.05	0.02	0.00	0.02	0.00	0.03	0.05	0.03	0.04	0.06
12.10.2023	0.05	0.02	0.00	0.02	0.00	0.03	0.05	0.03	0.04	0.06
13.10.2023	0.05	0.02	0.00	0.02	0.00	0.03	0.05	0.03	0.04	0.06
14.10.2023	0.05	0.02	0.00	0.02	0.00	0.03	0.05	0.03	0.04	0.06
15.10.2023	0.05	0.02	0.00	0.02	0.00	0.03	0.05	0.03	0.04	0.06
16.10.2023	0.05	0.02	0.00	0.02	0.00	0.03	0.05	0.03	0.04	0.06
17.10.2023	0.05	0.02	0.00	0.02	0.00	0.03	0.05	0.03	0.04	0.06
18.10.2023	0.07	0.02	0.00	0.02	0.00	0.03	0.05	0.03	0.04	0.06
19.10.2023	0.07	0.02	0.00	0.02	0.00	0.03	0.05	0.03	0.04	0.06
20.10.2023	0.07	0.02	0.00	0.02	0.00	0.03	0.05	0.03	0.04	0.06
21.10.2023	0.07	0.02	0.00	0.02	0.00	0.03	0.05	0.05	0.06	0.08
22.10.2023	0.07	0.02	0.00	0.02	0.00	0.03	0.05	0.05	0.06	0.08
23.10.2023	0.07	0.02	0.00	0.02	0.00	0.03	0.05	0.05	0.06	0.08
24.10.2023	0.07	0.02	0.00	0.02	0.00	0.03	0.05	0.05	0.06	0.08
25.10.2023	0.07	0.02	0.00	0.02	0.00	0.03	0.05	0.05	0.06	0.08
26.10.2023	0.07	0.02	0.00	0.02	0.00	0.03	0.05	0.05	0.06	0.08
27.10.2023	0.07	0.02	0.00	0.02	0.00	0.03	0.05	0.05	0.06	0.08
28.10.2023	0.07	0.02	0.00	0.02	0.00	0.03	0.05	0.05	0.06	0.08
29.10.2023	0.07	0.02	0.00	0.02	0.00	0.03	0.05	0.05	0.06	0.08
30.10.2023	0.07	0.02	0.00	0.02	0.00	0.03	0.05	0.05	0.06	0.08
31.10.2023	0.07	0.02	0.00	0.02	0.00	0.03	0.05	0.05	0.06	0.08

Remarks : Norms for Work place : 1ppm (TWA)

MANAGER (PVC)

GM(PVC)

ON-LINE VCM MONITORING REPORT FOR SAHUPURAM
(Consolidated Report for the Month of NOVEMBER -2023)

DCW LIMITED (SAHUPURAM) **PVC DIVISION**

Date	Concentration of VCM in ppm									
	CH-1 Unloading Area	CH-2 VCM Sphere S3 Bottom	CH-3 VCM Sphere S3 Top	CH-4 VCM Sphere S2 Bottom	CH-5 VCM Sphere S2 Top	CH-6 - V5 - V6 Storage Area	CH-7 VC Transfer Area	CH-8 Polymer ground floor	CH-9 Polymer first floor	CH-10 RVC Area
	GDS101	GDS102	GDS103	GDS104	GDS105	GDS106	GDS107	GDS201	GDS202	GDS601
01.11.2023	0.08	0.02	0.00	0.02	0.00	0.03	0.06	0.06	0.08	0.09
02.11.2023	0.08	0.02	0.00	0.02	0.00	0.03	0.06	0.06	0.08	0.09
03.11.2023	0.08	0.02	0.00	0.02	0.00	0.03	0.06	0.06	0.08	0.09
04.11.2023	0.08	0.02	0.00	0.02	0.00	0.03	0.06	0.06	0.08	0.09
05.11.2023	0.08	0.02	0.00	0.02	0.00	0.03	0.06	0.06	0.08	0.09
06.11.2023	0.08	0.02	0.00	0.02	0.00	0.03	0.06	0.06	0.08	0.09
07.11.2023	0.08	0.02	0.00	0.02	0.00	0.03	0.06	0.06	0.08	0.09
08.11.2023	0.08	0.02	0.00	0.02	0.00	0.03	0.06	0.06	0.08	0.09
09.11.2023	0.08	0.02	0.00	0.02	0.00	0.03	0.06	0.06	0.08	0.09
10.11.2023	0.08	0.02	0.00	0.02	0.00	0.03	0.06	0.06	0.08	0.09
11.11.2023	0.08	0.02	0.00	0.02	0.00	0.05	0.06	0.07	0.09	0.10
12.11.2023	0.08	0.02	0.00	0.02	0.00	0.05	0.06	0.07	0.09	0.10
13.11.2023	0.08	0.02	0.00	0.02	0.00	0.05	0.06	0.07	0.09	0.10
14.11.2023	0.08	0.02	0.00	0.02	0.00	0.05	0.06	0.07	0.09	0.10
15.11.2023	0.08	0.02	0.00	0.02	0.00	0.05	0.06	0.07	0.09	0.10
16.11.2023	0.08	0.02	0.00	0.02	0.00	0.05	0.06	0.07	0.09	0.10
17.11.2023	0.08	0.02	0.00	0.02	0.00	0.05	0.06	0.07	0.09	0.10
18.11.2023	0.08	0.02	0.00	0.02	0.00	0.05	0.06	0.07	0.09	0.10
19.11.2023	0.08	0.07	0.00	0.02	0.00	0.05	0.06	0.07	0.09	0.10
20.11.2023	0.08	0.07	0.00	0.02	0.00	0.05	0.06	0.07	0.09	0.10
21.11.2023	0.06	0.03	0.00	0.02	0.00	0.04	0.06	0.06	0.07	0.08
22.11.2023	0.06	0.03	0.00	0.02	0.00	0.04	0.06	0.06	0.07	0.08
23.11.2023	0.06	0.03	0.00	0.02	0.00	0.04	0.06	0.06	0.07	0.08
24.11.2023	0.06	0.03	0.00	0.02	0.00	0.04	0.06	0.06	0.07	0.08
25.11.2023	0.06	0.03	0.00	0.02	0.00	0.04	0.06	0.06	0.07	0.08
26.11.2023	0.06	0.03	0.00	0.02	0.00	0.04	0.06	0.06	0.07	0.08
27.11.2023	0.06	0.03	0.00	0.02	0.00	0.04	0.06	0.06	0.07	0.08
28.11.2023	0.06	0.03	0.00	0.02	0.00	0.04	0.06	0.06	0.07	0.08
29.11.2023	0.06	0.03	0.00	0.02	0.00	0.04	0.06	0.06	0.07	0.08
30.11.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.07	0.08

Remarks : Norms for Work place : 1ppm (TWA)

MANAGER (PVC)

GM(PVC)

ON-LINE VCM MONITORING REPORT FOR SAHUPURAM
(Consolidated Report for the Month of DECEMBER -2023)

DCW LIMITED (SAHUPURAM) **PVC DIVISION**

Date	Concentration of VCM in ppm									
	CH-1 Unloading Area	CH-2 VCM Sphere S3 Bottom	CH-3 VCM Sphere S3 Top	CH-4 VCM Sphere S2 Bottom	CH-5 VCM Sphere S2 Top	CH-6 - V5 - V6 Storage Area	CH-7 VC Transfer Area	CH-8 Polymer ground floor	CH-9 Polymer first floor	CH-10 RVC Area
	GDS101	GDS102	GDS103	GDS104	GDS105	GDS106	GDS107	GDS201	GDS202	GDS601
01.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
02.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
03.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
04.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
05.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
06.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
07.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
08.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
09.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
10.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
11.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
12.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
13.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
14.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.00
15.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.00
16.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.00
28.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
29.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
30.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
31.12.2023	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07

Remarks : Norms for Work place : 1ppm (TWA)
FROM 17.12.23 TO 27.12.23 PLANT IS UNDER POWER SHUT DOWN

MANAGER (PVC) **GM(PVC)**

ON-LINE VCM MONITORING REPORT FOR SAHUPURAM
(Consolidated Report for the Month of JANUARY -2024)

DCW LIMITED (SAHUPURAM) **PVC DIVISION**

Date	Concentration of VCM in ppm									
	CH-1 Unloading Area	CH-2 VCM Sphere S3 Bottom	CH-3 VCM Sphere S3 Top	CH-4 VCM Sphere S2 Bottom	CH-5 VCM Sphere S2 Top	CH-6 - V5 - V6 Storage Area	CH-7 VC Transfer Area	CH-8 Polymer ground floor	CH-9 Polymer first floor	CH-10 RVC Area
	GDS101	GDS102	GDS103	GDS104	GDS105	GDS106	GDS107	GDS201	GDS202	GDS601
01.01.2024	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
02.01.2024	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
03.01.2024	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
04.01.2024	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
05.01.2024	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
06.01.2024	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
07.01.2024	0.07	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
08.01.2024	0.05	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.08	0.07
09.01.2024	0.05	0.02	0.00	0.02	0.00	0.04	0.05	0.07	0.08	0.06
10.01.2024	0.05	0.02	0.00	0.02	0.00	0.04	0.05	0.07	0.08	0.06
11.01.2024	0.05	0.02	0.00	0.02	0.00	0.04	0.05	0.07	0.08	0.06
12.01.2024	0.05	0.02	0.00	0.02	0.00	0.04	0.05	0.07	0.08	0.06
13.01.2024	0.05	0.02	0.00	0.02	0.00	0.04	0.05	0.07	0.08	0.06
14.01.2024	0.05	0.02	0.00	0.02	0.00	0.04	0.05	0.07	0.08	0.06
15.01.2024	0.05	0.02	0.00	0.02	0.00	0.04	0.05	0.07	0.08	0.06
16.01.2024	0.05	0.02	0.00	0.02	0.00	0.04	0.05	0.07	0.08	0.06
17.01.2024	0.05	0.02	0.00	0.02	0.00	0.04	0.05	0.07	0.08	0.06
18.01.2024	0.05	0.02	0.00	0.02	0.00	0.04	0.05	0.07	0.08	0.06
19.01.2024	0.05	0.02	0.00	0.02	0.00	0.04	0.05	0.07	0.08	0.06
20.01.2024	0.05	0.02	0.00	0.02	0.00	0.04	0.05	0.07	0.08	0.06
21.01.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.07	0.07	0.05
22.01.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.06	0.07	0.05
23.01.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.06	0.07	0.05
24.01.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.06	0.07	0.05
25.01.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.06	0.07	0.05
26.01.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.06	0.07	0.05
27.01.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.06	0.07	0.05
28.01.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.06	0.07	0.05
29.01.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.06	0.07	0.05
30.01.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.06	0.07	0.05
31.01.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.06	0.07	0.05

Remarks : Norms for Work place : 1ppm (TWA)

MANAGER (PVC)

GM(PVC)

ON-LINE VCM MONITORING REPORT FOR SAHUPURAM
(Consolidated Report for the Month of FEBRAURY -2024)

DCW LIMITED (SAHUPURAM) **PVC DIVISION**

Date	Concentration of VCM in ppm									
	CH-1 Unloading Area	CH-2 VCM Sphere S3 Bottom	CH-3 VCM Sphere S3 Top	CH-4 VCM Sphere S2 Bottom	CH-5 VCM Sphere S2 Top	CH-6 - V5 - V6 Storage Area	CH-7 VC Transfer Area	CH-8 Polymer ground floor	CH-9 Polymer first floor	CH-10 RVC Area
	GDS101	GDS102	GDS103	GDS104	GDS105	GDS106	GDS107	GDS201	GDS202	GDS601
01.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.06	0.07	0.05
02.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.07	0.06	0.07
03.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
04.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
05.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
06.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
07.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
08.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
09.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
10.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
11.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
12.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
13.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
14.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
15.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
16.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
17.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
18.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
19.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.06	0.05	0.06
20.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.06	0.05	0.06
21.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.05	0.06
22.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.06	0.05	0.06
23.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.05	0.06	0.05	0.06
24.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
25.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
26.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
27.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
28.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
29.02.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07

Remarks : Norms for Work place : 1ppm (TWA)

MANAGER (PVC)

GM(PVC)

ON-LINE VCM MONITORING REPORT FOR SAHUPURAM
(Consolidated Report for the Month of MARCH -2024)

DCW LIMITED (SAHUPURAM) **PVC DIVISION**

Date	Concentration of VCM in ppm									
	CH-1 Unloading Area	CH-2 VCM Sphere S3 Bottom	CH-3 VCM Sphere S3 Top	CH-4 VCM Sphere S2 Bottom	CH-5 VCM Sphere S2 Top	CH-6 - V5 - V6 Storage Area	CH-7 VC Transfer Area	CH-8 Polymer ground floor	CH-9 Polymer first floor	CH-10 RVC Area
	GDS101	GDS102	GDS103	GDS104	GDS105	GDS106	GDS107	GDS201	GDS202	GDS601
01.03.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
02.03.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
03.03.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
04.03.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
05.03.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
06.03.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
07.03.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
08.03.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
09.03.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
10.03.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
11.03.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
12.03.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
13.03.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
14.03.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
15.03.2024	0.06	0.02	0.00	0.02	0.00	0.04	0.06	0.07	0.06	0.07
16.03.2024	0.08	0.02	0.00	0.02	0.00	0.04	0.05	0.09	0.10	0.10
17.03.2024	0.08	0.02	0.00	0.02	0.00	0.04	0.05	0.09	0.10	0.10
18.03.2024	0.09	0.02	0.00	0.02	0.00	0.04	0.07	0.10	0.11	0.11
19.03.2024	0.09	0.02	0.00	0.02	0.00	0.04	0.07	0.10	0.11	0.11
20.03.2024	0.09	0.02	0.00	0.02	0.00	0.04	0.07	0.10	0.11	0.11
21.03.2024	0.09	0.02	0.00	0.02	0.00	0.04	0.07	0.10	0.11	0.11
22.03.2024	0.09	0.02	0.00	0.02	0.00	0.04	0.07	0.10	0.11	0.11
23.03.2024	0.09	0.02	0.00	0.02	0.00	0.04	0.07	0.10	0.11	0.11
24.03.2024	0.09	0.02	0.00	0.02	0.00	0.04	0.07	0.10	0.11	0.11
25.03.2024	0.09	0.02	0.00	0.02	0.00	0.04	0.07	0.10	0.11	0.11
26.03.2024	0.09	0.02	0.00	0.02	0.00	0.04	0.07	0.10	0.11	0.11
27.03.2024	0.09	0.02	0.00	0.02	0.00	0.04	0.07	0.10	0.11	0.11
28.03.2024	0.09	0.02	0.00	0.02	0.00	0.04	0.07	0.10	0.11	0.11
29.03.2024	0.09	0.02	0.00	0.02	0.00	0.04	0.07	0.10	0.11	0.11
30.03.2024	0.09	0.02	0.00	0.02	0.00	0.04	0.07	0.10	0.11	0.11
31.03.2024	0.09	0.02	0.00	0.02	0.00	0.04	0.07	0.10	0.11	0.11

Remarks : Norms for Work place : 1ppm (TWA)

MANAGER (PVC) GM(PVC)

TAMILNADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Thoothukudi.

AMBIENT AIR QUALITY SURVEY - REPORT OF ANALYSIS

Report. F. No. 04/DEL-TTN/AAQS/2023-2024 Dated:26.03.2024

1.	Name of the Industry	:	M/s. DCW Ltd., Caustic Soda , PVC Divisions &Cogen Divisions
2.	Address of the Industry	:	Sahupuram, TiruchendurTaluk, Thoothukudi District - 628 229.
3.	Date of Survey	:	05.03.2024 & 06.03.2024
4.	Duration of survey	:	24 hours
5.	Category/Classification	:	Red / Large
6.	Land use classification	:	Industrial

Meteorological Conditions

Ambient Temperature (°C)	Min	Max	Relative Humidity (%)	Min	Max
	26.8	30.6		64.0	80.3
Weather condition	Clear Sky		Rain Fall (mm)	Nil	
Predominant Wind Direction	NE to SW		Mean Wind Speed (Km/hr)	9.0	

Ambient Air Quality Survey Results

Sl. No	Location of Sampling	Direction *	Distance * (M)	Height from ground level	Concentration in µg / m³ PM_{10}			
					I	II	III	AVG.
1	On top of Scrap yard watch tower at NE boundary	NE	520	4.0	51.1	42.2	46.9	46.7
2	On top of 'E' block watch tower building at SE boundary	SE	1540	4.0	54.2	48.3	52.1	51.5
3	On top of PVC watch tower building at South boundary	S	820	4.0	62.1	65.5	57.9	61.8
4	On top of C3 staff Quarters building in Housing Colony at SW boundary	SW	570	4.0	44.7	37.5	43.2	41.8
5	On top of TCEP chilled water Compressor room at NW boundary	NW	250	4.0	66.5	54.3	60.0	60.3

Note: * With respect to major emission sources.

The analytical results are restricted to the sampling period only.

Test Performed	Test Method
PM_{10}	IS 5182: (Part23) – 2006
SO_2	Modified west – Gaeke / IS 5182 : (Part 2) – 2001 RA: 2012
NO_2	Jacobs – Hochheiser / IS 5182: (Part 6) – 2006 RA : 2012
NH_3	Indo phenol Method
Cl^-	Methyl Orange Method

27/3/24

Environmental Scientist

27-3-2024

Deputy Chief Scientific Officer,
DEL, TNPCB, Thoothukudi-8.

TAMILNADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Thoothukudi.

AMBIENT AIR QUALITY SURVEY - REPORT OF ANALYSIS

Report. F. No. 04/DEL-TTN/AAQS/2023-2024Dated:26.03.2024

1.	Name of the Industry	:	M/s. DCW Ltd.,Caustic Soda , PVC Divisions &Cogen Divisions
2.	Address of the Industry	:	Sahupuram, TiruchendurTaluk, Thoothukudi District - 628 229.
3.	Date of Survey	:	05.03.2024 & 06.03.2024
4.	Duration of survey	:	24 hours
5.	Category/Classification	:	Red / Large
6.	Land use classification	:	Industrial

Meteorological Conditions

Ambient Temperature (°C)	Min	Max	Relative Humidity (%)	Min	Max
	26.8	30.6		64.0	80.3
Weather condition	Clear Sky		Rain Fall (mm)	Nil	
Predominant Wind Direction	NE to SW		Mean Wind Speed (Km/hr)	9.0	

Ambient Air Quality Survey Results

Sl. No	Location of Sampling	Direction *	Distance * (M)	Height from ground level	Concentration in µg / m³ SO_2			
					I	II	III	AVG.
1	On top of Scrap yard watch tower at NE boundary	NE	520	4.0	8.02	6.24	7.13	7.13
2	On top of 'E' block watch towerbuilding at SE boundary	SE	1540	4.0	9.51	7.73	8.32	8.52
3	On top of PVC watch tower building at South boundary	S	820	4.0	11.3	12.2	9.81	11.1
4	On top of C3 staff Quarters building in Housing Colony at SW boundary	SW	570	4.0	6.54	5.35	5.65	5.84
5	On top of TCEP chilled water Compressor room at NW boundary	NW	250	4.0	10.7	8.92	9.21	9.61

Note: * With respect to major emission sources.
The analytical results are restricted to the sampling period only.

Test Performed	Test Method
PM_{10}	IS 5182: (Part23) – 2006
SO_2	Modified west – Graeke / IS 5182 : (Part 2) – 2001 RA: 2012
NO_2	Jacobs – Hochheiser / IS 5182: (Part 6) – 2006 RA : 2012
NH_3	Indo phenol Method
Cl^-	Methyl Orange Method

27/3/24

Environmental Scientist

27.3.24

Deputy Chief Scientific Officer,
DEL, TNPCB, Thoothukudi-8.

TAMILNADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Thoothukudi.

AMBIENT AIR QUALITY SURVEY - REPORT OF ANALYSIS

Report. F. No. 04/DEL-TTN/AAQS/2023-2024Dated:26.03.2024

1.	Name of the Industry	:	M/s. DCW Ltd.,Caustic Soda, PVC Divisions &Cogen Divisions
2.	Address of the Industry	:	Sahupuram, TiruchendurTaluk, Thoothukudi District - 628 229.
3.	Date of Survey	:	05.03.2024 & 06.03.2024
4.	Duration of survey	:	24 hours
5.	Category/Classification	:	Red / Large
6.	Land use classification	:	Industrial

Meteorological Conditions

Ambient Temperature (°C)	Min	Max	Relative Humidity (%)	Min	Max
	26.8	30.6		64.0	80.3
Weather condition	Clear Sky		Rain Fall (mm)	Nil	
Predominant Wind Direction	NE to SW		Mean Wind Speed (Km/hr)	9.0	

Ambient Air Quality Survey Results

Sl. No	Location of Sampling	Direction *	Distance * (M)	Height from ground level	Concentration in µg / m^3 NO_2			
					I	II	III	AVG.
1	On top of Scrap yard watch tower at NE boundary	NE	520	4.0	10.8	12.3	11.1	11.4
2	On top of 'E' block watch towerbuilding at SE boundary	SE	1540	4.0	10.3	11.8	11.3	11.1
3	On top of PVC watch tower building at South boundary	S	820	4.0	16.1	18.1	16.8	17.0
4	On top of C3 staff Quarters building in Housing Colony at SW boundary	SW	570	4.0	8.83	10.6	9.66	9.69
5	On top of TCEP chilled water Compressor room at NW boundary	NW	250	4.0	14.5	17.0	15.8	15.8

Note: * With respect to major emission sources.
The analytical results are restricted to the sampling period only.

Test Performed	Test Method
PM_{10}	IS 5182: (Part23) – 2006
SO_2	Modified west – Graeke / IS 5182 : (Part 2) – 2001 RA: 2012
NO_2	Jacobs – Hochheiser / IS 5182: (Part 6) – 2006 RA : 2012
NH_3	Indo phenol Method
Cl^-	Methyl Orange Method

27/3/24

Environmental Scientist

27.3.2024

Deputy Chief Scientific Officer,
DEL, TNPCB, Thoothukudi-8.

TAMILNADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Thoothukudi.

AMBIENT AIR QUALITY SURVEY - REPORT OF ANALYSIS

Report. F. No. 04/DEL-TTN/AAQS/2023-2024Dated:26.03.2024

1.	Name of the Industry	:	M/s. DCW Ltd.,Caustic Soda, PVC Divisions &Cogen Divisions
2.	Address of the Industry	:	Sahupuram, TiruchendurTaluk, Thoothukudi District - 628 229.
3.	Date of Survey	:	05.03.2024 & 06.03.2024
4.	Duration of survey	:	24 hours
5.	Category/Classification	:	Red / Large
6.	Land use classification	:	Industrial

Meteorological Conditions

Ambient Temperature (°C)	Min	Max	Relative Humidity (%)	Min	Max
	26.8	30.6		64.0	80.3
Weather condition	Clear Sky		Rain Fall (mm)	Nil	
Predominant Wind Direction	NE to SW		Mean Wind Speed (Km/hr)	9.0	

Ambient Air Quality Survey Results

Sl. No	Location of Sampling	Direction *	Distance * (M)	Height from ground level	Concentration in µg / m³ Chlorine			
					I	II	III	AVG.
1	On top of Scrap yard watch tower at NE boundary	NE	520	4.0	1.08	0.96	0.84	0.96
2	On top of 'E' block watch towerbuilding at SE boundary	SE	1540	4.0	0.84	1.08	0.72	0.88
3	On top of PVC watch tower building at South boundary	S	820	4.0	1.56	1.20	1.44	1.4
4	On top of C3 staff Quarters building in Housing Colony at SW boundary	SW	570	4.0	0.12	0.00	0.00	0.04
5	On top of TCEP chilled water Compressor room at NW boundary	NW	250	4.0	2.28	1.68	1.56	1.84

Note: * With respect to major emission sources.
The analytical results are restricted to the sampling period only.

Test Performed	Test Method
PM_{10}	IS 5182: (Part23) – 2006
SO_2	Modified west – Graeke / IS 5182 : (Part 2) – 2001 RA: 2012
NO_2	Jacobs – Hochheiser / IS 5182: (Part 6) – 2006 RA : 2012
NH_3	Indo phenol Method
Cl^-	Methyl Orange Method

27/3/24

Environmental Scientist

27.3.2024

Deputy Chief Scientific Officer,
DEL, TNPCB, Thoothukudi-8.

DISTRICT ENVIRONMENTAL LABORATORY
TAMIL NADU POLLUTION CONTROL BOARD, THOOTHUKUDI.

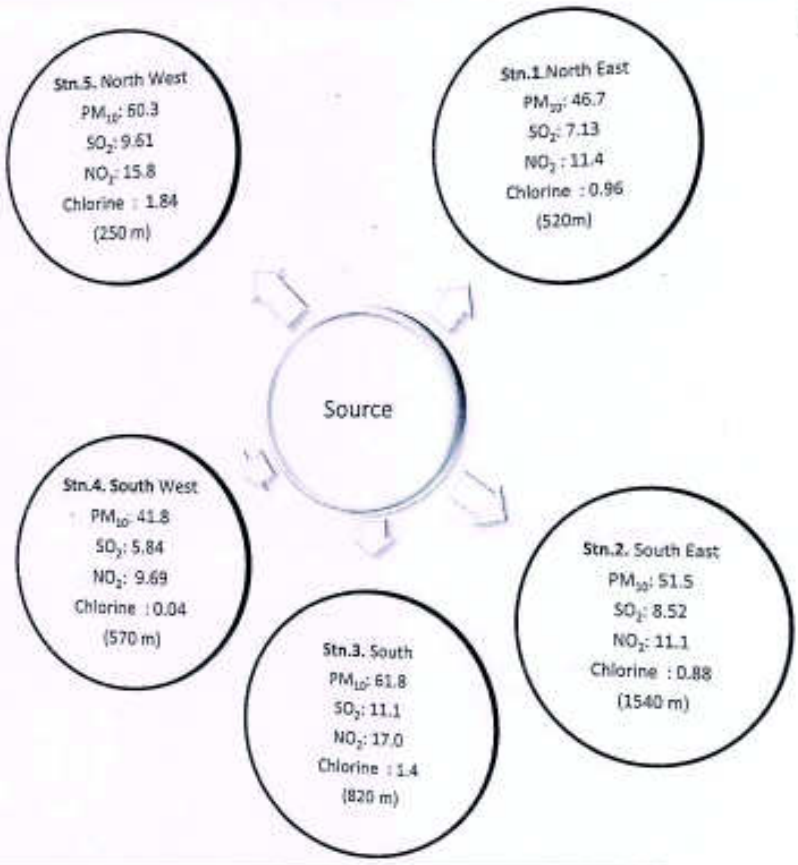
AMBIENT AIR QUALITY SURVEY

Schematic Diagram Showing Location of Sampling

Name of the Industry : M/s. DCW Ltd (Caustic Soda & PVC Divisions)
Sahupuram, Thoothukudi.

Date of Survey : 05.03.2024 to 06.03.2024

Predominant Wind Direction: NE to SW



Note: All the values are expressed in $\mu g/m^3$ and restricted to the Sampling period only.

Metrological Conditions	
Predominant Wind Direction	NE to SW
Wind Speed (km/hr)	9.0
Weather Condition	Clear Sky
Rainfall	---

27/3/24

Environmental Scientist

27.3.2024

Deputy Chief Scientific Officer,
DEL, TNPC Board, Thoothukudi-8.

TAMILNADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Thoothukudi - 8.

STACK MONITORING SURVEY – REPORT OF ANALYSIS

Report .F.No.04/DEL - TTN/ SM/ 2023-2024, Dated: 26.03.2024

1. Name of the Industry : M/s. DCW Ltd.,
   Caustic Soda, PVC Divisions &Cogen divisions
2. Address of the Industry : Sahupuram,
   TiruchendurTaluk,
   Thoothukudi District - 628 229.
3. Date of Survey : 05.03.2024 & 06.03.2024
4. Type of Industry : Caustic Soda

STACK MONITORING SURVEY RESULTS

Sl. No	Stack attached to	Stack Temp. (^{0}K)	Velocity in (M/sec)	Discharge Rate (Nm^3/ Hour)	Pollutants (mg / m^3)					
					PM	SO_2	NO_x	NH_3	HCL	Chlorine
1.	Cogen Boiler I	401	11.1191	116013	30.9	176	68.5	-	-	-
2.	Roaster - II	388	6.8746	3725	58.2	44.0	54.2	-	-	-
3.	Roaster - IV	371	7.0304	3984	66.8	48.0	58.5	-	-	-
4.	UG I Calciner-II	476	13.7929	8766	47.2	32.0	34.3	-	-	-
5.	Dryer (CPVC)	311	13.8482	13471	15.8	-	-	-	-	-
6.	Hypo Vent	295	7.1084	1810	-	-	-	-	-	0.68
7.	HCL Furnace -V	311	5.2179	558	-	-	-	-	3.04	-

Test Performed	Test Method
PM_{10}	IS 5182: (Part23) – 2006
SO_2	Modified west – Graeke / IS 5182 : (Part 2) – 2001 RA: 2012
NO_2	Jacobs – Hochheiser / IS 5182: (Part 6) – 2006 RA : 2012
NH_3	Indo phenol Method
Cl^-	Methyl Orange Method

Environmental Scientist

Deputy Chief Scientific Officer,
DEL, TNPCB, Thoothukudi-8.

TAMILNADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Thoothukudi - 8.

AMBIENT/SOURCE NOISE LEVEL SURVEY – REPORT OF ANALYSIS

Report.No.F.No.:04/DEL - TTN/NLS/2023-2024, Dated:26.03.2024

1.	Name of the Industry		M/s. D.C.W Ltd., Caustic Soda , PVC Divisions &Cogen divisions
2.	Address of the Industry		Sahupuram, TiruchendurTaluk, Thoothukudi District - 628 229.
3.	Date of Survey		06.03.02024
Category		Red / Large	Land use Classification : Industrial
Type of Survey		Ambient / Source	Time of Survey : Day
Meteorological conditions:			Clear

Logging Parameters

Instrument Used	CASELLA		Serial No.		2206825
Logging Interval	10 Minutes at each point		**Measuring Range**		60-120 dB
Weighting	**"A"**	**Peak Weighting**	**"C"**	**Weighting**	**"A"**
Sound Incidence		RANDOM	**Time in hrs**		12.00 to 13.45

Report of Noise Level Monitoring

Sl. No	Location	Duration (min)	Approximate Distance (M)	Direction	Sound Level dB (A)		
					Leq	L Min	L Max
1.	NE boundary Near scrap yard watch tower	10	500	NE	50.8	46.7	59.2
2.	SE boundary Near Salt storage yard	10	800	SE	61.1	55.7	70.5
3.	SW boundary Near ETP Sludge SLF PS 4	10	800	SW	49.6	42.8	60.5
4.	NW boundary Near TCEP Chilled water compressor room	10	250	NW	57.0	55.7	65.9
5.	Source:Caustic Soda Compressor Unit	10	-	-	83.0	69.3	89.8

NOTE:

Leq - value is the average energy for the measured period.

Environmental Scientist 27/3/24

Deputy Chief Scientific Officer,
DEL, TNPCB, Thoothukudi - 8. 27.3.2024

TAMILNADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Thoothukudi - 8.

Report. F. No. 04/DEL-TTN/AAQS/SM/2023-2024, Dt: 26.03.2024

1. Name of Industry : M/s. DCW Ltd.,
   Caustic Soda, PVC Divisions &Cogen Divisions
2. Pollution Category : Red / Large
3. Date of AAQ Survey : 05.03.2024 & 06.03.2024
4. Predominant Wind Direction : NE to SW
5. Weather condition : Clear Sky

STATUS OF POLLUTANTS LEVEL

I. AMBIENT AIR QUALITY:-

1. Total No. of AAQ stations monitored : 5 (24 Hours)
2. No. of AAQ stations in which Pollutants Level exceeded the Boards standards : NIL

Maximum and Minimum values of Pollutants Level observed:

Sl. No	POLLUTANT	Values in microgram/m^3		BOARD'S STANDARD (As per consent order)
		Maximum	Minimum	
1.	Respirable Suspended Particulate Matter: PM_{10}	61.8	41.8	100µg / m^3
2.	GASEOUS POLLUTANTS:-			
	(i) SO_2	11.1	5.84	80µg / m^3
	(ii) NO_2	17.0	9.69	80µg / m^3
	(iii) Cl^-	1.84	0.04	----

II. STACK MONITORING:-

1. Total No. of Stacks Monitored : 07
2. No. of Stacks in which Pollutants Level exceeded the Boards standards : Nil

27/3/24

Environmental Scientist

27.3.2024

Deputy Chief Scientific Officer,
DEL, TNPCB, Thoothukudi - 8.