Dahej SEZ Limited
Block No.14, 3rd Floor, Udyog Bhavan,
Sector-11, Gandhinagar-382017, Gujarat, India
Phone : +91-79-23241590, 29750838
Fax : (079) 23241736
e-mail : ceo@dahejsez.com, info@dahejsez.com
website : www.dahejsez.com
CIN : U45209GJ2004PLC044779
GSTIN : 24AACCD8098E3ZJ

No.: DSL/Agency/Environment Compliance/945/ 2736 Date: 25/08/2021

To,
The Director(s),
Ministry of Environment, Forest & Climate Change
Regional Office (West Region)
"Kendriya ParyavaranBhavan"
Link Road No. 3E-5, Ravi Shankar Nagar,
Bhopal – 462016 (M.P.)

Sub: Submission of Half Yearly compliance report **(Period: October 2020 to March 2021)** of Environment Clearance (EC) & Coastal Regulation Zone (CRZ) Clearance obtained for Development of M/s. Dahej SEZ Limited (SPV of GIDC & ONGC) located at Tal. Vagra, District Bharuch, Gujarat

Ref: 1. Environment Clearance letter no. 21-1084/2007-IA.III dated 17th March 2010
2. CRZ Clearance letter no. F. No. 11-50/2011-IA.II dated 19th September 2014

Dear Sir,

The above-referred Environment Clearance (EC) and Coastal Regulation Zone (CRZ) clearance were granted to M/s. Dahej SEZ Limited located at Taluka Vagra, District Bharuch under the EIA Notification – 2006 and CRZ Notification – 2011 respectively.

Half yearly compliance reports (Period: **October 2020 to March 2021**) for Environment Clearance (EC) and Coastal Regulation Zone (CRZ) clearance obtained for Development of M/s. Dahej SEZ Limited is enclosed for your kind consideration.

We hope that our submission is in line with the EC and CRZ compliance submission. In light of above facts, we request your kind self to consider our submission favourably and do the needful & oblige.

Thanking You,
Yours Faithfully,

Upendra Vasishth

Chief Executive Officer

Encl.: a/a

Dahej SEZ Limited
Block No.14, 3rd Floor, Udyog Bhavan,
Sector-11, Gandhinagar-382017, Gujarat, India
Phone : +91-79-23241590, 29750838
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website : www.dahejsez.com
CIN : U45209GJ2004PLC044779
GSTIN : 24AACCD8098E3ZJ

No.: DSL/Agency/Environment Compliance/945/2737 Date: 25/08/2021

To,
The Zonal Officer(s)
Central Pollution Control Board (Zonal Office)
"PariveshBhavan", Opp. VMC Ward Office No. 10,
Shubhanpura, Vadodara – 390023

Sub: Submission of Half Yearly compliance report **(Period: October 2020 to March 2021)** of Environment Clearance (EC) & Coastal Regulation Zone (CRZ) Clearance obtained for Development of M/s. Dahej SEZ Limited (SPV of GIDC & ONGC) located at Tal. Vagra, District Bharuch, Gujarat

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website : www.dahejsez.com
CIN : U45209GJ2004PLC044779
GSTIN : 24AACCD8098E3ZJ

No.: DSL/Agency/Environment Compliance/945/2738 Date: 25/08/2021

To,
The Regional Officer
Gujarat Pollution Control Board
Shed No. C-1/119/3, Phase-II,
GIDC Estate, Narmada Nagar,
Bharuch – 392015, Gujarat

Sub: Submission of Half Yearly compliance report **(Period: October 2020 to March 2021)** of Environment Clearance (EC) & Coastal Regulation Zone (CRZ) Clearance obtained for Development of M/s. Dahej SEZ Limited (SPV of GIDC & ONGC) located at Tal. Vagra, District Bharuch, Gujarat

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We hope that our submission is in line with the EC and CRZ compliance submission. In light of above facts, we request your kind self to consider our submission favourably and do the needful & oblige.

Thanking You,

Yours Faithfully,

Upendra Vasishth
Chief Executive Officer

Encl.: a/a

DAHEJ SEZ LIMITED

Report on Compliances to EC

October 2020 to March 2021

For

M/s. Dahej SEZ Limited

(Joint Venture of GIDC & ONGC)

Located At

Village: Dahej, Taluka: Vagra, District Bharuch

Registered Office:

Block No. 14th, 3rd Floor, Udyog Bhavan, Gandhinagar – 382017, Gujarat

[EC No: F. NO. 21-1084/2007-IA.III Dated: 17.03.2010]

[Period: October 2020 – March 2021]

Applicant

M/s. Dahej SEZ Ltd.

Block No. 14th, 3rd Floor, Udyog Bhavan, Gandhinagar – 382017, Gujarat

E-mail: info@dahejsez.com

Tel No: +91-079-23241590, 29750838

Report Prepared by

Ecosystem Resource Management Pvt. Ltd.

Office floor, Ashoka Pavilion'A', New Civil Road, Surat, Gujarat.

(QCI/NABET ACCREDITED NO. NABET/EIA/1720/RA 051)

E-mail: eco@ecoshripad.com

Tel No: +912612236223

TABLE OF CONTENTS

LIST OF ANNEXURES

INTRODUCTION

M/s. Dahej SEZ Limited (DSL) is a company registered under the companies' act, 1956 and is promoted jointly by Gujarat industrial development corporation (GIDC) and Oil & Natural Gas Corporation (ONGC) for development of Special Economic Zone (SEZ). DSL is developing a Multi-Product SEZ at Dahej in Vagra Taluka of Bharuch district in Gujarat, India.

M/s. Dahej SEZ Ltd. has obtained EC from MoEF&CC vide letter no. F. No. 21-1084/2007-IA.III dated 17th March 2010 and CC&A from GPCB vide order no. AWH-104709 or letter no. GPCB/BRCH-B/CCA-125(2)/ID-25308/551863 dated 21.01.2020 valid up to 04.08.2024.

Dahej SEZ is located in Vagra Taluka of western part of Bharuch District, Gujarat, India. It is well connected with National Highway (NH-8). Road and Railway both are having the connectivity to New Delhi, the National Capital and Mumbai, the commercial Capital of India. SEZ is a part of Dahej Petroleum, Chemicals and Petrochemicals Investment Region (PCPIR) and is within Delhi-Mumbai Investment Corridor (DMIC).

As per EC clearance (letter no: F.No.21-1084/2007-IA.III dated 17th March 2010 issued by MoEF&CC) condition no. 12, it is mandatory to submit six monthly compliance report to Region Office Bhopal.

DATA SHEET

1.	Project type: River-Valley / Mining / Industry / Thermal / Nuclear, Other (specify)	:	**Development of Special Economic Zone (SEZ)**
2.	Name of the project	:	**M/s. Dahej SEZ Limited**
3.	Clearance letter (s) O M No and date	:	**F. No. 21-1084/2007-IA.III dated 17th March, 2010**
4.	Location		
	a. District	:	**Bharuch**
	b. State	:	**Gujarat**
	c. Latitude / Longitude	:	**Latitude: 21°42'39.80"N** **Longitude: 72°36'25.86"E**
5.	Address for correspondence		
	a. Address of concerned project Chief engineer (with pin code & telephone / telex/fax number)	:	**Chief Executive Officer** **M/s. Dahej SEZ Limited** **Block No. 14th, 3rd Floor, Udyog Bhavan,** **Gandhinagar – 382017, Gujarat** **Phone – +91-079-23241590, 29750838**
	b. Address of Executive project engineer /Manager (with pin code /fax numbers)	:	**As Above**
6.	Salient features		
	a. of the project	:	**SEZ Development Area**
	b. of the environmental management plans	:	**Adequate environmental safeguards have been incorporated in EMPs, which were submitted to the Ministry during grant of the EC.**
7.	Breakup of the project area	:	**Total plot area of the project is 1682.6540 ha. (ten.)**

S. No.	Particulars	Area (ha.) (ten.)
1.	Industrial Plots in Processing Area	1378..734
2.	Plots in Non-processing Area	25.28
3.	Roads	85.21
4.	Corridor/Service/Green belt	167.56
5.	Common Plots	25.87
	Total	**1682.6540 (ten.)**

	a. Submergence area: forest & non forest	:	**NIL**

b. Others : **NIL**

8. Breakup of the project affected population with enumeration of those losing houses/dwelling units only agriculture land only, both dwelling units and agricultural land & landless laborers / artisan

a. SC.ST / Adivasis : **NIL**

b. Others : **NIL**

9. Financial details

a. Project cost as originally planned & subsequent revised estimates and the year of price reference : **Project cost originally planned: 943 Cr. & Revised estimates: 1072.51 Cr. (Till March 2021)**

b. Allocation made for environmental management plans with item-wise & year wise break up : **Allocation made for Environmental management plan is attached as under.**

S. No.	Head of Expenses	Expenditure (Rs. in Cr.)	
		2021	2020
1.	Effluent Treatment Facility	2.80	2.36
2.	Green belt development	13.95	20.73
3.	Environment Audit & Monitoring	6.84	4.20
	Total	**23.59**	**27.29**

c. Benefit cost ratio/internal rate of return and the year of assessment : ----

d. Whether includes the total cost of environmental management as shown in the above : **YES**

e. Actual expenditure incurred on the Environmental management plan so far : **Rs. 433.59 Lakhs**

10. Forest Land requirement **NOT APPLICABLE (THE LAND IS ACQUIRED AND ALLOTED BY GIDC)**

a. The status of approval for diversion of forest land and non-forestry use : ----

b. The status of clearing falling : ----

c. The status of compensatory afforestation, if any : ----

d. Comments on the viability and sustainability of compensatory : ----

	afforestation program in the light of actual field experience so far		
11.	The status of clear falling in non-areas (much as submergence area of reservoir, approach roads), if any with quantitative information	:	**NOT APPLICABLE**
12.	The status of construction		
	a. Date of commencement (actual and/ or planned)	:	**03/03/2008**
	b. Date of completion (actual and/or planned)	:	**01/01/2009**
13.	Reasons for the delay if the project is yet to start	:	**Facility is operational since the year 2009**
14.	Dates of site visits		
	a. The dates on which the project was monitored by the Regional office on previous occasion, if any	:	**Site is not visited.**
	b. Date of site visit for this monitoring report	:	**----**
15.	Details of correspondence with project authorities for obtaining act on plans/ information on status of compliance to safeguards other than the routine letters for logistic support for site visits (The first manufacturing report may contain the details of all the letters issued so far, but the latest reports may cover only the letters issued subsequently)	:	**Last Six-Monthly report was submitted by speed post in January 2021.**

ENVIRONMENTAL CLEARANCE (EC)

BY MOEF&CC, NEW DELHI

F.No.21-1084/2007-IA.III dated 17th March 2010

No.21-1084/2007-IA.III
Government of India
Ministry of Environment & Forests

Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi – 110 003.

Dated: 17th March, 2010.

To
M/s. Gujarat Industrial Development Corporation (GIDC),
1st Floor, Narmada Commercial Complex,
Panchbatti, Bharuch – 393 003,
Gujarat.qe

Subject: Development of Dahej SEZ at village Dahej, Taluka Vagra, District Bharuch, Gujarat by M/s. Dahej SEZ Ltd. (SPV of GIDC & ONGC) - Environmental Clearance - Reg.

Dear Sirs,

This has reference to your application No. GIDC/EE/BRH/PB-I/1972, dated 18.10.2007 and subsequent letters dated 13.06.2008, 04.09.2008, 26.09.2008, 13.10.2008, 14.10.2008 12.11.2008, 23.04.2009, 01.05.2009, 26.05.2009, 03.07.2009, 16.07.2009, 31.07.2009, 27.10.2009, 11.11.2009, 11.01.2010, 20.01.2010, 28.01.2010 and 30.01.2010 seeking prior environmental clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 and its subsequent amendment in 2009 on the basis of the documents enclosed with the application viz., the Form 1, Form 1A and Conceptual Plan including EMP and the additional clarifications furnished in response to the observations of the Expert Committee constituted by the competent authority in its meetings held on 25th – 28th February 2008, 16th – 18th July, 2008, 29th – 30th September, 2008 23rd – 24th November, 2009 and 27th – 29th January, 2010 and awarded "Silver" grading to the project.

2. It is, interalia, noted the project involves development of SEZ on a plot area of 1803 ha. (316 ha. area is falling under CRZ.). The project proponent has deleted the area falling under CRZ and the balance net area of the project for Environmental Clearance is 1487 ha., which is demarcated as non-CRZ area. It is proposed to develop industrial plots on the non-CRZ area. The broad area break-up is (a) Area under industrial plots – 1242.70 ha., (b) Area under roads – 61.50 ha. (c) Area under utilities – 8.40 ha. (d) Area under corridor for power lines, pipeline and green belt – 153.90 ha. and (e) Tank area – 20.50 ha. The proposed complex will have industries for petrochemical, agro chemical units, industrial gas producing units, package units, fabricating units, power generation units and other small chemical industries. The total water

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requirement is about 85 MLD and withdrawal will be from river Narmada at Angareshwar, which is approximately at a distance of 75 km from project site. The industrial member units within SEZ will have their own waste water treatment plant and treated effluent shall be collected, conveyed and disposed off in deep sea. The waste water quantity will be 45 MLD. The hazardous wastes will be disposed at nearby authorised TSDF site. The power requirement is 66 KV. The TOR for the project was finalized and issued on 21.03.2007. Public hearing was conducted on 17th August 2007. Total cost of the project is Rs. 295 Crores.

3. The Expert Appraisal Committee, after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations, have recommended for the grant of Environmental Clearance for the project mentioned above. Accordingly, the Ministry hereby accord necessary Environmental Clearance for the above project as per the provisions of Environmental Impact Assessment Notification – 2006 and its subsequent amendment in 2009, subject to strict compliance of the terms and conditions as follows:

PART A - SPECIFIC CONDITIONS

I. Construction Phase

(i) "Consent for Establishment" shall be obtained from Gujarat Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.

(ii) The area falling under CRZ shall be kept open and no activity shall be carried out. A separate clearance shall be obtained from MoEF under the provisions of CRZ Notification, 1991 as amended from time to time by Govt. of India prior to any development / construction activity at site

(iii) All the commitments made during the meeting held on 25th – 28th February 2008, 16th – 18th July, 2008, 29th – 30th September, 2008 23rd – 24th November, 2009 and 27th – 29th January, 2010 and the details submitted vide letters dated 13.06.2008, 04.09.2008, 26.09.2008, 13.10.2008, 14.10.2008 12.11.2008, 23.04.2009, 01.05.2009, 26.05.2009, 03.07.2009, 16.07.2009, 31.07.2009, 27.10.2009, 11.11.2009, 11.01.2010, 20.01.2010, 28.01.2010 and 30.01.2010 shall be strictly complied with.

(iv) The project proponent shall exclude the portion of the plot area allotted to units which fall under CRZ area and no approval shall be given to them without obtaining prior CRZ/ Environmental Clearance.

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(v) Fresh demarcation of HTL/LTL lines and CRZ area shall be undertaken through one of the authorized agencies identified by the MoEF shall be undertaken.

(vi) Separate CRZ Clearance shall be obtained by M/s. Dahej SEZ Ltd. for the area falling under CRZ.

(vii) M/s. Dahej SEZ Ltd. shall issue directions to all the allottees, whose plots are affected partly under CRZ Notification to obtain necessary clearance after getting the recommendation from the State Coastal Zone Management Authority.

(viii) Necessary permission/NOC shall be obtained from competent authority for the disposal of treated effluent into deep sea.

(ix) Treated waste water shall be used for flushing of toilets, horticulture and HVAC purposes, in that order.

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

(xi) A First Aid Room will be provided in the project both during construction and operation of the project.

(xii) All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.

(xiii) Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.

(xiv) Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.

(xv) Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.

(xvi) Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the Gujarat Pollution Control Board.

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(xvii) The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.

(xviii) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.

(xix) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.

(xx) Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/Gujarat PCB.

(xxi) Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100 Km of Thermal Power Stations).

(xxii) Ready mixed concrete must be used in building construction.

(xxiii) Storm water control and its re-use as per CGWB and BIS standards for various applications.

(xxiv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

(xxv) Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.

(xxvi) Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.

(xxvii) Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.

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(xxviii) Use of glass may be reduced by upto 40% to reduce the electricity consumption and load on airconditioning. If necessary, use high quality double glass with special reflective coating in windows.

(xxix) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.

(xxx) Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all airconditioned spaces while it is aspirational for non-airconditioned spaces by use of appropriate thermal insulation material to fulfill requirement.

(xxxi) The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightening etc.

(xxxii) Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.

(xxxiii) Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.

II. Operation Phase

i) The installation of the Effluent Treatment Plant (ETP)/Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated affluent emanating from STP shall be recycled/reused to the maximum extent possible. Treatment of 100% grey water by decentralised treatment should be done. Discharge of unused treated affluent shall conform to the norms and standards of the Gujarat Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.

ii) Necessary permission/NOC shall be obtained from competent authority for the disposal of treated effluent into deep sea.

iii) The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry / inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material. The hazardous wastes shall be disposed at authorised TSDF site.

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iv) Diesel power generating sets proposed as source of back up power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Gujarat Pollution Control Board.

v) Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

vi) The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.

vii) Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.

viii) Rain water harvesting for roof run- off and surface run- off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The borewell for rainwater recharging should be kept at least 5 mts. above the highest ground water table.

ix) The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.

x) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.

xi) A Report on the energy conservation measures confirming to energy conservation norms finalise by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the Ministry in three months time.

xii) Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.

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xiii) Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP.

xiv) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.

PART – B. GENERAL CONDITIONS

i) The environmental safeguards contained in the EIA Report should be implemented in letter and spirit.

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

4. Officials from the Regional Office of MOEF, Bhopal who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF should be forwarded to the CCF, Regional office of MOEF, Bhopal.

5. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.

6. The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

7. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.

8. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.

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9. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Gujarat Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at http://www.envfor.nic.in. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhopal.

10. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.

11. Any appeal against this Environmental Clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

12. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

13. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO_2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

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

(Bharat Bhushan)
Director (IA)

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Copy to:

(1) The Secretary, Department of Environment, Government of Gujarat, Gandhinagar.
(2) The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 110 032.
(3) The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector 10-A, Gandhinagar, -382010
(4) The Chief Conservator of Forests, Ministry of Env & Forests, RO(WZ) E-5, Kendriya Paryavaran Bhawan,E-5, Arera Colony, Link Road-3,Ravishankar Colony, Bhopal – 462 016.
(5) IA - Division, Monitoring Cell, MOEF, New Delhi - 110003.
(6) Guard file.

(Bharat Bhushan)
Director (IA)
17.03.2010

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COMPLIANCE TO CONDITIONS STIPULATED IN ENVIRONMENT CLEARANCE

S. No.	Conditions	Compliance status
PART A – SPECIFIC CONDITIONS		
I.	**Construction Phase**	
(i)	"Consent for establishment" shall be obtained from Gujarat Pollution Control Board under Air and Water Act and a copy shall be submitted to the ministry before start of any construction work at the site.	**Complied.** M/s. Dahej SEZ Limited (DSL) has already obtained the Consent to Establish (CTE) vide letter no. GPCB/BRCH/NOC-3633/27240 dated 22.09.2008 and unit is already having the valid Consent to Operate (CTO/CC&A) vide order no. AWH-104709 letter no. GPCB/BRCH-B/CCA-125(2)/ID-25308/551863 dated 21.01.2020, valid up to 04.08.2024. Copy of the same is enclosed here as **Annexure-1**.
(ii)	The area falling under CRZ shall be kept open and no activity shall be carried out. A separate clearance shall be obtained from MoEF under the provisions of CRZ Notification, 1991 as amended from time by Govt. of India prior to any development/construction activity at site.	**Complied.** M/s. DSL has kept the area open falling under CRZ and no activity shall be carried out into the area falls under the CRZ purview. Moreover, separate CRZ clearance is also obtained vide letter no. 11-50/2011-IA.III dated 19.09.2014 and the copy of the same is enclosed as **Annexure-2**.
(iii)	All the commitments made during the meeting held on 25th – 28th February 2008, 16th – 18th July, 2008, 29th – 30th September, 2008 23rd – 24th November, 2009 and 27th – 29th January, 2010 and the details submitted vide letters dated 13.06.2008, 04.09.2008, 26.09.2008, 13.10.2008, 14.10.2008, 12.11.2008, 23.04.2009, 01.05.2009, 26.05.2009, 03.07.2009, 16.07.2009, 31.07.2009, 27.10.2009, 11.11.2009, 11.01.2010, 20.01.2010, 28.01.2010 and 30.01.2010 shall be strictly complied with.	**Being complied.** M/s. DSL is in complete compliance with all the commitments from DSL authority and suggestions by committee given during the said meetings and the same is mentioned under the minutes of each meetings.
(iv)	The project proponent shall exclude the portion of the plot area allotted to units which fall under CRZ area and no approval shall be them without obtaining prior CRZ/Environmental Clearance	**Noted & Agreed.** M/s. DSL has excluded the portion of the plot area allotted to units, which falls under the CRZ area and no activities are permitted without obtaining CRZ clearance.
(v)	Fresh demarcation of HTL / LTL lines and CRZ area shall be undertaken through one of the authorized agencies identified by the MoEF shall	**Complied.** The demarcation of HTL/LTL lines and CRZ area was carried by Institute of Remote Sensing, Anna University, Chennai. Copy of the same is enclosed as **Annexure-3**.

	be undertaken.	
(vi)	Separate CRZ Clearance shall be obtained by M/s. Dahej SEZ Ltd. For the area falling under CRZ.	**Complied.** M/s. DSL has already obtained separate CRZ clearance vide letter no. 11-50/2011-IA.III dated 19/09/2014 for the area falling under CRZ and the same is enclosed as **Annexure-2**.
(vii)	M/s. Dahej SEZ Ltd. Shall issue directions to all the allottees, whose plots are affected partly under CRZ Notification to obtain necessary clearance after getting the recommendation from the state coastal Zone management Authority.	**Complied.** M/s. DSL has issued directions to all the allottees, whose plots are affected partly under CRZ Notification to obtain necessary clearance after getting the recommendation from the state coastal zone management authority. The list of allottees whose plots are partly affected under CRZ notification is enclosed here as **Annexure-3 & 4**.
(viii)	Necessary permission / NOC shall be obtained from competent authority for the disposal of treated effluent into deep sea.	**Complied.** M/s. DSL has obtained necessary permission/NOC from GPCB for disposal of treated effluent discharge into Vilayat- Dahej Pipeline developed by GIDC Authority. NOC vide letter no. GPCB/BRCH/NOC-3633/27240 dated 22/09/2008 is enclosed as **Annexure-1**.
(ix)	Treated waste water shall be used for flushing of toilets, horticulture and HVAC purposes, in that order.	**Complied.** M/s. DSL has provided the sewage treatment plant for the treatment of domestic sewage as per the GPCB standards and is utilizing the treated waste water for flushing of toilets, horticulture and HVAC purposes, in that order.
(x)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. the housing may be in the form of temporary structures to be removed after the completion of the project.	**Noted & Agreed.** Local construction labours are hired from the nearby villages; hence provision of housing to the construction workers is not required. Moreover, facility of safe drinking water, mobile toilets, emergency first aid facilities etc. are provided to them during the time of construction activities.
(xi)	A first Aid Room will be provided in the project both during construction and operation of the project.	**Complied.** First Aid Room was provided during the construction of the project & operation phase. Two 50 bed hospitals and government PHC are in vicinity of Dahej SEZ area.
(xii)	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	**Noted & Agreed.** Top soil excavated during construction activities is utilized for horticulture/landscape development within the project site only.
(xiii)	Disposal of muck during construction phase should not create any adverse effect on the neighbouring	**Noted & Agreed.** M/s. DSL has taken note of the same and complied with this condition.

	communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	
(xiv)	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	**Being complied.** Soil and ground water samples are being taken frequently and analysis report of the same is also been reviewed by the DSL authority. According to the reports, there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants. The analysis reports of the ground water quality are enclosed as **Annexure-5**.
(xv)	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.	**Noted & Agreed.** M/s. DSL has used the construction spoils or waste for levelling the site. M/s. DSL does not generate any bituminous material and other hazardous materials.
(xvi)	Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the Gujarat Pollution Control Board.	**Not Applicable.** There was no generation of any hazardous waste during construction phase, hence this condition is not applicable.
(xvii)	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) rules prescribed for air and noise emission standards.	**Complied.** DSL is using only low sulphur diesel type to run diesel generator sets during construction phase to follow the Environment (Protection) Rules prescribed for Air and Noise Emission Standards.
(xviii)	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from chief controller of explosives shall be taken.	**Not Applicable.** DSL procure diesel as and when required and hence this condition will not be applicable.
(xix)	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	**Being complied.** Only vehicles in good condition with pollution check certificate and conforming to applicable air and noise emission standards will be allowed to bring the construction materials to the site during non-peak hours only.
(xx)	Ambient noise levels should conform to residential standards both during	**Being complied.** An ambient noise level conforms to residential standards both during

	day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / Gujarat PCB.	day and night. Ambient air and noise quality are monitored during construction phase for checking incremental pollution load and adequate measures are made to reduce ambient air and noise level during construction phase to conform to the stipulated standards by CPCB/ GPCB. The analysis reports of the ambient noise levels and air quality are enclosed as **Annexure-5**.
(xxi)	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100 Km of Thermal Power Stations).	**Not Applicable.** As no thermal power station is located within the 100 km from M/s. DSL. Hence, this condition is not applicable. However, fly ash was utilized in the construction.
(xxii)	Ready mixed concrete must be used in building construction.	**Complied.** M/s. DSL is using only the ready-mix concrete for building construction.
(xxiii)	Storm water control and its re-use as per CGWB and BIS standards for various applications.	**Noted & Agreed.** M/s. DSL has noted the condition and shall comply with conditions.
(xxiv)	Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices referred.	**Noted & Agreed.** As M/s. DSL is using only the ready-mix concrete and curing agents and other latest technologies for building construction, thus, water demanded during construction is greatly reduced.
(xxv)	Permission to draw ground water shall be obtained from the competent Authority prior to construction / operation of the project.	**Not Applicable.** Ground water extraction is not permitted within the DSL area; the entire water requirement is met with GIDC supply water. Hence there is no requirement to obtain permission for ground water extraction from competent authority.
(xxvi)	Separation of grey and black water should be done by the use of dual Plumbing line for separation of grey and black water.	**Complied.** M/s. DSL has used dual plumbing line for separation of gray water and black water in administration buildings of Dahej SEZ.
(xxvii)	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.	**Complied.** M/s. DSL has already asked all the member units to provide fixtures for showers, toilet flushing and drinking of low flow by using aerators or pressure reducing devices or sensor-based control to conserve water wherever feasible.
(xxviii)	Use of glass may be reduced by up to 40% to reduce the electricity consumption and load on air-conditioning. If necessary, use high	**Noted & Agreed.** M/s. DSL has taken note of this condition and also asked the member units to reduce electricity by implementation of high-quality double glass with special reflective coating in windows.

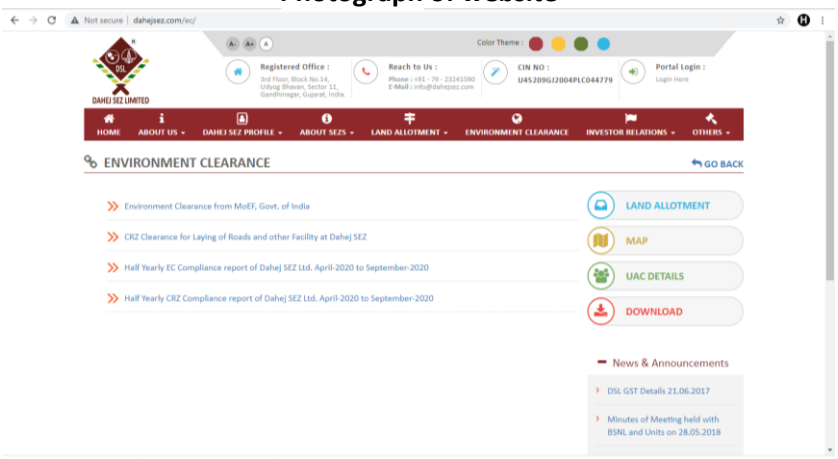
	quality double glass with special reflective coating in windows.	
(xxix)	Roof should meet prescriptive requirement as per energy conservation building code by using appropriate thermal insulation material to fulfil requirement.	**Noted & Agreed.** The design of the building will be done as per energy conservation building code by using appropriate thermal insulation material to fulfill requirement
(xxx)	Opaque wall should meet prescriptive requirement as per energy conservation building code which is proposed to be mandatory for all air-conditioned spaces which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air conditioned spaces by use of appropriate thermal insulation material to fulfil Requirement.	**Complied.** M/s. DSL has constructed Opaque wall as per the energy conserving building construction code to conservation of energy also used the light colors to reduce the UV absorption and minimize the associated cooling requirement will be used for the walls and ceiling. Thermal insulation will be provided on roofs to conserve energy.
(xxxi)	The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipment, etc. as per National building code including protection measures from lightening etc.	**Complied.** The approval of the competent authority is obtained for structural safety of the buildings due to earthquake, adequacy of firefighting equipment, etc. as per National building code including protection measures from lightening etc.
(xxxii)	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid Disturbance to the surroundings.	**Being complied.** Regular supervision of the above and other measures for monitoring are in placed all through the construction phase, so as to avoid Disturbance to the surroundings.
(xxxiii)	Under the provisions of Environment (protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	**Taken note of this condition and complied.**
II.	**Operation Phase**	
(i)	The installation of the Effluent Treatment Plant (ETP) / Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated effluent emanating from STP	**Complied.** M/s. DSL has installed STP as per requirement and reuses/recycled sewage water for plantation. Schematic Flow Diagram of STP is enclosed as **Annexure-6**.

	shall be recycled /reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Discharge of unused treated shall conform to the norms and standards of the Gujarat Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.	
(ii)	Necessary permission / NOC shall be obtained from competent authority for the disposal of treated effluent into deep sea.	**Complied.** DSL has obtained necessary permission/NOC from GPCB for disposal of treated effluent discharge into Vilayat- Dahej Pipeline developed by GIDC Authority. NOC vide letter no. GPCB/BRCH/NOC-3633/27240 dated 22/09/2008 is enclosed as **Annexure-1**.
(iii)	The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry / inert solid waste should be disposed off to the approved sites for land filling after Recovering recyclable material. The hazardous wastes shall be disposed at authorized TSDF site.	**Not applicable.** The member units procuring the land in the SEZ area have to obtain individual membership of nearby Authorized TSDF site/recycling facility/incineration site etc. for disposal of their hazardous wastes.
(iv)	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Gujarat Pollution Control Board.	**Noted & Agreed.** M/s. DSL is using D.G. Sets as a source of backup power during operation phase. The height of stack of DG sets is calculated and established to the height needed for the combined capacity of all proposed DG sets. M/s. DSL is using only Low Sulphur Diesel (LSD) to run diesel generator sets during operation phase to follow the Environment (Protection) rules prescribed for air and noise emission standards.
(v)	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	**Being complied.** It is ensured that ambient Noise level will not exceed the prescribed standards and during night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations. Half yearly comprehensive Ambient noise quality monitoring reports (October' 2020 to March' 2021) are enclosed as **Annexure-5**.
(vi)	The green belt of the adequate width and density preferably with local species along the periphery of the plot	**Complied.** Green belt (Approx. 65,000 no. of plants) with adequate width and density comprising of preferably local species is planted in the

	shall be raised so as to provide protection against particulates and noise.	periphery of the plot to protect against particulate pollutant and sink noise level. Photograph of the greenbelt development patches and plantation at the boundary and center of the roads are attached here as **Annexure-10**.
(vii)	Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon Period.	**Complied.** M/s. DSL has left weep holes in the compound walls so that, rain water naturally drains out to the catchment area during the monsoon Period.
(viii)	Rain water harvesting for roof run - off and surface run - off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter oil and grease. The bore well for rainwater recharging should be kept at least 5 mts. above the highest ground water table.	**Complied.** M/s. DSL has already implemented rain water harvesting for roof run-off and surface run-off. The surface runoff is given pre-treatment to remove suspended matter & oil and grease before recharge.
(ix)	The ground water level and its quantity should be monitored regularly in consultation with Central Ground Water Authority.	**Being complied.** DSL is monitoring Ground water quality regularly and Ground water quality reports are enclosed as **Annexure-5**.
(x)	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	**Complied.** M/s. DSL has already made the arrangements to avoid Traffic congestion near the entry and exit points from the roads adjoining the proposed project site.
(xi)	A Report on the energy conservation measures confirming to energy conservation norms finalize by Bureau of Energy Efficiency should be prepared incorporating details about building materials and technology, R & U Factors etc and submit to the Ministry in three months' time.	**Noted & Agreed.** M/s. DSL has taken note of this condition and shall comply with this condition.
(xii)	Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off / sent for recycling as per	**Complied.** M/s. DSL has installed CFL lighting fixtures in the common areas, roof-top thermal insulation, light colors to reduce the UV absorption, automatic switching system for common building and street lighting. M/s. DSL has already installed solar panels having capacity of 50 KW.

	the prevailing guidelines / rules of the Regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.	
(xiii)	Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP.	**Noted & Agreed.** M/s. DSL will take adequate measures to prevent odour problem from STP. There is not solid waste processing plant in Dahej SEZ.
(xiv)	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	**Noted & Agreed.** M/s. DSL is following prevailing GDCR for SEZ and adequate distance is maintained to comply the condition.
PART B – GENERAL CONDITIONS		
(i)	The environmental safeguards contained in the EIA report should be Implemented in letter and spirit.	**Noted & Agreed.** M/s. DSL has taken note of this condition and shall comply with this condition.
(ii)	The project proponent shall also submit six monthly reports on the Status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional office of MoEF, the respective Zonal office of CPCB and the SPCB.	**Being complied.** DSL is regularly submitting half yearly EC compliance report for the period of April to September and October to March, to the Ministry's Regional office at Bhopal, the respective Zonal Office of CPCB at Vadodara and GPCB R.O. at Bharuch well within the stipulated time. The Six-Monthly EC compliance submission dates for the last year are as under: 1. Period: April 2019 to September 2019, Date: 12.12.2019 2. Period: October 2019 to March 2020, Date: 24.06.2020 3. Period: April 2020 to September 2020, Date: 25.01.2021 The last six-monthly EC compliance report acknowledge copy are enclosed here as **Annexure-7**.
4.	Officials from Regional Office of MoEF, Bhopal who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of documents submitted to MoEF should be forwarded to the CCF, Regional Office of MoEF Bhopal.	**Abide by the condition.** We are bounded to provide full co-operation, facilities and documents/data to the officials from Regional Office, MoEF, Bhopal and we are also submitting the complete set of required documents with EC compliance to CCF, Regional office of Bhopal every six months as per the condition of Environment Clearance.
5.	In case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.	**Abide by the condition.** We will obtain the fresh appraisal prior to any change(s) in the scope of the project.
6.	The Ministry reserves right to add additional safeguard measures subsequently, if found necessary and	**Noted & Agreed.**

	to take action including revoking the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	
7.	All other statutory clearance such as approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable, as applicable by project proponents from the respective competent authorities.	**Complied.** We have obtained all necessary statutory & regulatory clearance from the concerned authorities.
8.	These stipulations would be enforces among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA notification, 2006.	**Noted & Agreed.**
9.	The project proponent should advertise in at least two local Newspapers widely circulated I the region, one of which shall be in the vernacular language informing that the project has been accorded Environment Clearance and copies of clearance letters are available with the Gujarat Pollution Control Board and may also sent to the website of the Ministry of Environment and Forest at https://www.envfor.nic.in. The advertisement should be made within 10 days from the date of receipt of the clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhopal.	**Complied.** We have already published the advertisement in two local newspapers after obtaining the EC from MoEF&CC as below: **Vernacular language (Gujarati)** Name of the publication: Gujarat Prabha (Bharuch Edition) Date of publication: 28.04.2020 Name of the publication: Sandesh (Vadodara Edition) Date of publication: 29.04.2020 **Other language (English)** Name of publication: Gujarat Samachar (Vadodara Edition) Date of publication: 29.04.2010 **Cut-outs of the newspaper advertisements are attached here as Annexure-8.**
10.	Environment Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa	**Noted & Agreed.**

	Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.	
11.	Any appeal against this Environmental Clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.	**Noted & Agreed.** There was no appeal raised against the Environment Clearance to Environment Appellate Authority.
12.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	**Complied.** We have already submitted the copy of Environment Clearance to the concerned authorities and we have also uploaded the copy of EC letter and last submitted compliance report on our website. **Photograph of website**  **Link:** http://www.dahejsez.com/ec/ The compliance report for the period of April 2020 to September 2020 is already submitted to MoEF&CC Regional Office, Bhopal through speed post. Acknowledge copy of the same is attached here as **Annexure-8**.
13.	The proponent shall upload the status of compliance stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the representative Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, SPM, RSPM, SO2, NOX (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	
14.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of	**Complied.** We have already submitted the Environment Statement (Form-V) to GPCB for the financial year 2020-2021 as per the mandatory requirement under EPA, 1986, as amended subsequently. Copy of the same is attached here as **Annexure-9**.

	EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	

SUMMARY

M/s. Dahej SEZ Limited (DSL) is a SPV developed jointly by Gujarat Industrial Development Corporation (GIDC) and Oil & Natural Gas Corporation (ONGC) for development of SEZ. DSL is developing multi-product SEZ at Dahej in Vagra Taluka of Bharuch district in Gujarat, India.

DSL falls under Gujarat PCPIR (Petroleum, Chemical and Petrochemical Investment Region) area declared by Ministry of Chemicals and Fertilizers, Govt. of India under PCPIR policy 2007.

M/s. Dahej SEZ Ltd. has obtained EC from MoEF&CC vide letter no. F. No. 21-1084/2007-IA.III dated 17th March 2010, CTE from GPCB vide letter no. GPCB/BRCH/NOC-3633/27240 dated 22.09.2008. and CC&A from GPCB vide order no. AWH-104709 date of issue: 22.10.2019 or letter no. GPCB/BRCH-B/CCA-125(2)/ID-25308/551863 dated 21.01.2020.

The authority has awarded contract for the Environmental monitoring and preparation of six-monthly EC compliance report to Ecosystem Resource Management Pvt. Ltd. The consultancy firm has its own well-equipped laboratory to measure the pollution parameters related to Environmental Monitoring (Air, Water, Wastewater, Soil) with National Accreditation Board for Testing and Calibration Laboratories (NABL) accreditation. All monitoring equipment's are available to measure Stack emissions, Ambient Air quality and noise level of various plants.

Six monthly compliance reports along with monitoring data are regularly submitted to the concerned department and during monitoring period of this report RO visit has not been conducted. All the conditions stipulated in EC clearance was compiled by the project proponent.

ANNEXURES

GUJARAT POLLUTION CONTROL BOARD
Paryavaran Bhavan
Sector-10-A, Gandhinagar - 382 010.
Phone : 23222756, 23222095, 23222096
Gram : CLEANWATER Fax : (079) 23232156
Website : www.gpcb.gov.in

"Consent to Establish" (NOC)

(ID NO-30594 upto 2.3.2013)

NO: GPCB/BRCH/NOC-3633/ 27240

22 SEP 2008

TO,
M/s. DAHEJ SEZ LTD.
GUJARAT INDUSTRIAL DEVELOPMENT CORPORATION (GIDC)
1ST FLOOR, NARMADA CHEMICAL COMPLEX
MAHATMA GANDHI ROAD,
PANCHBATTI,
BHARUCH-392001

SUB: **Consent to Establish (NOC)** under Section 25 of Water Act 1974 and Section 21 of Air Act 1981

REF:
1. Your NOC application No. Nil dated 03/03/2008.
2. GPCB letter dated 16/05/2008 & 01/06/2008.
3. MoEF letter dated 13/03/2008, 28/07/2008.
4. EC issued by MoEF for Dahej, Vilayat Pipeline for disposal at effluent dated 29/04/2005.
5. Ministry of commerce dated 20/12/2006, notifying survey area of Village–Dahej, Ambheta, Lakhigam suva, lavara Jageshwar
6. Your letter dated 18/06/2008
7. Minutes of the 63rd Meeting of expert Appraisal committee conducted on 16/07/2008.

Sir,

Without prejudice to the powers of this Board under the water (Prevention and Control of Pollution) Act-1974, Air Act-1981 and Environment (Protection) Act-1986 and without reducing your responsibilities under the said acts in any way, this is to inform you that this Board grants Consent to Establish (NOC) **for setting up of a Special Economic Zone (SEZ) for the infrastructure Development** by GIDC-Dahej SEZ Ltd, Village-Dahej, Ta- Vagra, Dist. Bharuch. The infrastructure facility includes plotting of land, area grading & development, horticulture & development of Gardens, Chain Link Fencing, Entrance Plaza with Bus and Truck Terminal, Common facility Centre and other administrative amenities building, Internal roads with street lights, storm water drainage system, corridors for power, telephones, water, gas and other utilities grid lines, Electrical sub-station & power supply network, Raw water storage, filtration and supply system, Under ground drainage cum collection system and conveyance of effluent into deep sea for its ultimate disposal.

The proposed categories of industries will be Petrochemicals and downstream petrochemical industries, Engineering industries (industrial equipment/ Machineries / vessels manufacturers / fabricators), Synthetic organic chemical manufacturers, industrial gas manufacturers, Packaging Industries/ fabrication units/ power generation units.

The plot area will be of 1740 hectares and total cost of the project shall be of Rs.294.04 Crores. The Validity period of order will be Five years (ID NO-30594 upto 2.3.2013).

2018

SUBJECT TO THE FOLLOWING SPECIFIC CONDITIONS: -

1. SEZ shall strickly abide with the various conditions as stipulated in permission letter of Ministry of commerce & industries, Government of India, dated 21/09/2005.

2. SEZ shall provide final guard pond with adequate holding capacity for 48 hours before discharging to Dahej-Vilayat GIDC effluent disposal pipeline and shall ensure that the waste water being disposed is confirming to GPCB standards.
3. SEZ shall be responsible for collection and conveyance of treated waste water of individual unit within SEZ, up to final guard pond, for further disposal to seep sea.
4. Individual coming unit shall be responsible to obtain CTE / EC from the competent authority.
5. SEZ shall be responsible to take adequate measures to maintain environmental standards during construction / development phase of SEZ, for proposed infrastructure.
6. Ground water shall not be extracted at any stage.
7. Storm water drainage must be constructed separately.
8. Individual chemical industries, shall have to obtain EC from concerned – authorities (if applicable) under EIAN-2006.
9. SEZ shall work as nodal agency for encouraging waste minimization / waste Exchange program & opportunity for recovery / reuse among the member units.
10. SEZ shall explore biogas generation alternatives from canteen as well as decomposable waste & its captive hrs.
11. Carpeted / RCC Road of 7 to 14 meter as required with central divider, shall be provided, within SEZ – area & nearly SEZ area.
12. Under ground surface line only covered with inter locking footpath with sandy based along with tree-plantation, shall be provided by SEZ – developers.
13. You shall have to comply with the suggestions / recommendations of the minutes of the environmental Public Consultation Committee held on 17/08/2008 at Bharuch and Environmental Management Plan and compliance report be sent to head office at Gandhinagar & Regional Office regularly.
14. Units to come up within SEZ area shall have to obtain CTE (NOC) from Gujarat Pollution Control Board and other clearances from the concerned authorities.
15. Rain water harvesting system shall be installed and operated adequately.
16. SEZ developer shall obtain all approval from various statutory authorities, under relevant laws & regulation of Government of India & State Government & from local bodies.
17. Adequate provision for rehabilitation of the displaced persons shall be made by the developer.
18. Ambient air monitoring shall be carried out as per EIA report
19. Adequate measures shall be taken to control odour problem from STP/ other ancillaries operations.
20. You shall comply with SEZ Acts, rules & notifications, as applicable.
21. SEZ developer shall take adequate mitigation measures to control pollution (Air + Water + Hazardous) during construction / development stage.

CONDITIONS UNDER WATER ACT 1974:

22. Total Water consumption for entire SEZ shall not exceed **85 MLD.**
23. The industrial effluent generated from the industries shall not exceed **45 MLD** & Domestic waste water shall not exceed **40 MLD.**
24. You shall have to provide magnetic flow meter at final outlet of final guard pond from where the industrial waste water is finally pumped into the inlet of Vilayat Dahej Pipeline & maintain effluent disposal records for further disposal into deep sea. SEZ developer shall also explore the possibility of reuse or recycle of treated effluent in the system.
25. The quality of treated industrial effluent shall conform to following standards, so that quality of the proposed fresh water reservoir of Kalpsar project does not get applied.

PARAMETERS	NORMS
pH	6.5 to 8.5

2

GUJARAT POLLUTION CONTROL BOARD
Paryavaran Bhavan
Sector-10-A, Gandhinagar - 382 010.
Phone : 23222756, 23222095, 23222096
Gram : CLEANWATER Fax : (079) 23232156
Website : www.gpcb.gov.in

Temperature	40° C
Colour (pt. co. scale) in units	100 units
Suspended Solids	100 mg/l
Oil and Grease	10 mg/l
Phenolic Compounds	**1 mg/l**
Cyanides	**0.2 mg/l**
Fluorides	1.5 mg/l
Sulphides	2 mg/l
Ammoniacal Nitrogen	50 mg/l
Arsenic	0.2 mg/l
Total Chromium	2.0 mg/l
Hexavalent Chromium	0.1 mg/l
Copper	3 mg/l
Lead	0.1 mg/l
Mercury	0.01 mg/l
Nickel	3 mg/l
Zinc	5 mg/l
BOD (3 days at 27° C)	100 mg/l
COD	250 mg/l
Chlorides	600 mg/l
Sulphates	1000 mg/l
Total dissolved solids	5000 mg/ltr.
Insecticides / Pesticides	Absent
Bio-assay test	90 % Survival of fish after 96 hours in 100 % effluent

The treated effluent confirming to above standards shall be discharged in to Vilayat Dahej Pipeline developed by GIDC authority, having effluent conveyance capacity of 90 MLD.

28. All individual industries to be come-up in SEZ shall have to take the adequate measures under the provisions of Water Act, Air Act and Hazardous waste Rules.

29. Sewage shall be treated in Sewage treatment plan (STP) to conform to the following standards and shall be utilized on land for **irrigation / plantation in the area SEZ area**.

BOD (3 days at 27° C)	Less than	20	mg/l
Suspended Solids	Less than	30	mg/l
Residual Chlorine	Minimum	0.5	ppm

30. SEZ developer shall be fully responsible for collection, conveyance and disposal of treated effluent into the inlet of Vilayat Dahej Pipeline.
31. SEZ developer shall instruct & make sure that every member unit shall make storage facilities to store the effluent for at least 24 hours with an impervious acid proof brick lining tank / HDPE tank.
32. SEZ developer shall provide online pH meter with recorder & magnetic flow meters for flow measurement of treated waste water discharged in to vilayat Dahej disposal pipeline.
33. SEZ developer shall constitute a monitoring committee for monitoring of the effluent discharged by its members leading to Guard ponds.

3

34. SEZ shall provide a final guard pond before discharging treated effluent into Vilayat – Dahej pipeling with holding capacity of treated effluent for at least 2 days (48 hours), having pucca & improrvious layer.
35. In case of power failure standby DG Sets, having power generation capacity equivalent to the requirement of power to discharge treated waste water in to disposal pipeline shall be provided in case of power failure to avoid of un even situation.
36. SEZ developer shall provide with online monitoring instruments along with SCADA system & pH actuated valve at the final guard sump.
37. You shall maintain strict control over effluent management from units.
38. In order to enable the Board to perform its functions of ascertaining the standards of effluent laid down by it for the discharge of the effluent under the condition of this order are complied with by the Company while causing discharge of effluent, the applicant shall have to submit every month the analysis report of the samples of effluent got collected and analyzed by one of the laboratories recognized by the State Board. You shall keep accurate record of the member units in respect of quantity of each product manufactured, quantity of water consumption, quantity of effluent supplied to disposal pipeline and consumption of Electricity on day to day basis and required to submit the complied record for one month to GPCB on or before seventh day of the succeeding month.
39. You shall inform immediately to the Gujarat Pollution Control Board, regarding the termination/suspension of the membership of the member unit.
40. If the products/process falls in SCHEDULE-I or II of the Environmental Audit Scheme, as specified in the order dated 13/3/97 of Hon. High Court in MCA NO.326/97 in SCA No.770/95, respective unit shall also abide by the said scheme.
41. SEZ developer has to register the unit for the coming up units under the provisions of the Factories Act-1948 and shall obtain the necessary factory license, as applicable.
42. You shall have to obtain P.L.I. Policy as per P.L.I. Act, 1991 and submit the copy of the same to the G.P.C.B.

CONDITIONS UNDER AIR ACT 1981:

43. The gaseous emissions (SO2, NOX, and HC) and Particulate matter along with RSPM levels from various process units shall conform to the standards prescribes by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards.
44. Necessary Air pollution control measures for odour control shall be implemented.
45. Stack monitoring facilities like port hole, platform/ladder etc, shall be provided with stacks/vents chimney in order to facilitate sampling of gases being emitted into the atmosphere:
46. Ambient air quality within the premises of the SEZ shall conform to the following standards:

PARAMETERS	PERMISSIBLE LIMIT
Suspended Particulate Matter	500 Microgram/M^3
RSPM	150 Microgram/M^3
SO_2	120 Microgram/M^3
NO_x	120 Microgram/M^3
HCL	200 Microgram/M^3
CL_2	100 Microgram/M^3
Ammonia	850 Microgram/M^3
Hydrocarbon	160 Microgram/M^3
H_2S	500 Microgram/M^3
HF	60 Microgram/M^3
CO	5000 Microgram/M^3
CS_2	2000 Microgram/M^3

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CONDITIONS UNDER HAZARDOUS WASTE :

47. SEZ developer and all the member industrial units shall have to comply with provisions of Hazardous Waste (Management & Handling) Rule-1989 as amended from time to time.

GENERAL CONDITION:

48. SEZ authority shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.

48. Unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within premises, unit shall tie up with local agencies like gram panchayat, school, social forestry office etc. for the plantation at suitable open land in nearby locality and submit an action plan of plantation for next three years to GPCB Plantation should be started along with constitution activity. For plantations within the premises, a spacing of at least 4m x 4m shall be kept i.e. to say 250 plants per acre shall be plantation. For plantations outside the premises a spacing of 2m x 2m will be kept i.e. to say 1000 plants per acre.

49. The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act- 1977.

50. In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should immediately be intimated to the Board.

51. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste or hazardous waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986 60 days before commencing the production.

52. The applicant shall also comply with the General conditions as per Annexure - I attached herewith (No.1 to 38), whichever are applicable.

53. The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering control like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.

54. The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act- 1977.

55. In case of change of ownership / management the name and address of the new owners / partners / directors / proprietor should immediately be intimated to the Board.

56. The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:
Between 6 A.M. and 10 P.M.: 75 dB (A)
Between 10 P.M. and 6 A.M.: 70 dB (A)

5

57. Applicant is required to comply with the manufacturing, Storage and Import of Hazardous Chemicals Rules-1989 framed under the Environment (Protection) Act-1986.

58. If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property .in that case they are obliged to pay the compensation as determined by the competent authority.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

(A.A. Doiti)
ENVIRONMENTAL ENGINEER

6

GPCB

GUJARAT POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN
Sector-10-A, **Gandhinagar** 382 010
Phone : (079) 23222425
(079) 23232152
Fax : (079) 23232156
Website : www.gpcb.gov.in

BY R.P.A.D

CONSENT AND AUTHORISATION:
CC&A (AWH-104709)

NO:-GPCB/BRCH-B/CCA-125(2)/ID-25308/

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under "Hazardous Waste (Management & Trans boundary Movement) Rule-2016." framed under E (P) Act- 1986.

And whereas Board has received consolidated application vide Inward no: 162316 dated: 23/08/2019 for the consolidated consent and authorization (CC&A) of this board under the provisions/ rules of the aforesaid Acts. Consent & Authorization is hereby granted as under:

CONSENT AND AUTHORISATION:
(Under the provisions / rules of the aforesaid environmental acts)

TO,
M/s. DAHEJ SEZ LTD GIDC DAHEJ,
VILLAGE - DAHEJ, TAL: VAGRA,
DIST: BHARUCH.

1. Consent order No: AWH-104709- Date of Issue-22/10/2019

2. The consent under Water Act -1974, Air Act -1981 and Authorization under Environment (Protection) Act, 1986 shall be valid up to **04/08/2024** for use of outlet for the discharge of treated sewage on land for Gardening/Horticulture purpose from Dahej SEZ Ltd at GIDC Dahej, Vill: Dahej 392130,Tal: Vagra. Dist: Bharuch.

3. **SPECIFIC CONDITIONS:-**

3.1 Applicant shall strictly comply/fulfill the given conditions of EC OF DAHEJ SEZ, issued vide NO - 21-1084 12007-IA.III DATED 17/03/2010.

3.2 The applicant shall not produce any products as well as not carry out any activities for products/process listed in the EIA Notification dated 14/09/2006 as amended from time to time, requiring prior Environmental Clearance from competent authority.

3.3 The unit shall affix of water meters as per Section 4(I) of the water (Prevention and Control of Pollution) Cess Act -1977 for the purpose of measuring and recording the quantity of water consumed at such places as may be required.

3.4 The unit shall affix of water meters as per Section 4 (I) of the water (Prevention and Control of Pollution) Cess Act - 1977 for the purpose of measuring and recording the quantity of water consumed at such places as may be required, within 15 days and it shall be presumed that the quantity indicated by the meter has been consumed by the industry until the contrary is proved.

3.5 Adequate measures shall be taken to control odour problem from STP lother ancillary operations.

3.6 Applicant shall ensured & undertake on Rs. 100 stamp paper that it has no outlet in GIDC U/G drain.

3.7 Applicant shall strictly/fulfill the condition given in NOC (CTE) issued vide letter no: GPCB/BRCH/NOC- 3633/27240 dated: 22/09/2008.

4. CONDITIONS UNDER WATER ACT:

4.1 The domestic effluent generation from SEZ shall not exceed 80 KL/day.

4.2 Sewage shall be treated in to the sewage treatment plant to conform the following standards shall be used for on land gardening/plantation purpose within SEZ area.

BOD (5 days at 20°C)	Less than 20 mg/l
Suspended Solids	Less than 30 mg/l
Residual Chlorine	Minimum 0.5 ppm

5. CONDITIONS UNDER THE AIR ACT:

5.1 The following shall be used in D.G. Set.

Sr. No.	Fuel	Quantity
1.	Diesel	40 lit/hr

5.2 The flue gas emission through stack attached to D.G. Set shall conform to the following standards:-

Stack No.	Stack attached to	Stack height (m)	APCM	Parameter	Permissible Limit
1.	D.G. Set (62.5 KVA)	11	-	Particulate matter SO2 NOx	150 mg/Nm^3 100 ppm 50 ppm

GPCB

GUJARAT POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN
Sector-10-A, **Gandhinagar** 382 010
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Website : www.gpcb.gov.in

5.3 The applicant shall install and operate a comprehensive adequate air pollution control measures in order to achieve prescribed standards.

5.4 There shall be no process emission from the manufacturing process as well as any other ancillary operation.

5.5 Ambient air quality within the premises of the industry shall conform to the following standards:

PARAMETER	PERMISSIBLE LIMIT
Suspended Particulate Matter (size less than 10um)or	PM10 100 microgram per cubic meter ug/m3**
Suspended Particulate Matter (size less than 2.5 um)or PM2.5	60 microgram per cubic meter ug/m3**
Oxides Of Sulphur**	80 microgram per cubic meter
Oxides Of Nitrogen**	80 microgram per cubic meter

** 24 hourly or 08 hourly or 0I Hourly monitored values, as applicable, shall be complied with 98% of the time in a year, 2% of the time; they may exceed the limits but not on two consecutive days of monitoring.

Note: Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to Institute regular or continuous monitoring and further investigation.

5.6 The applicant shall operate industrial plant I air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the given standards.

5.7 The consent to operate the industrial plant shall be liable for cancellation/revoke if at any time the parameters of the gaseous emission are not within the tolerance limits specified in the condition

5.8 The applicant shall provide portholes, ladder, platform etc at chimney (s) for monitoring the air emissions and the same shall be open for inspection to land for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-l, S-2, etc. and these shall be painted/displayed to facilitate identification.

5.9 All measure for the control of environment pollution shall be provided before commencing production.

6 **GENERAL CONDITIONS:**

6.1 Any change in personnel, equipment or working conditions as mentioned in the consents Form/order should immediately be intimated to this Board.

6.2 The arrangement shall be made in each plant for drainage in such a way that all the quantity of effluent shall be taken to the central effluent treatment plant and no untreated waste water from any plant shall be discharged within the premises.

6.3 There shall be continuous flow recording devices for each plant to record the individual plant effluent going to the effluent treatment plant. There shall also be continuous flow recording devices at the inlet and outlet of the effluent treatment plant.

6.4 The Board reserves the right to review and lor revoke the consent and! or make variations in the conditions which the Board deems fit at any later date taking into consideration the circumstances, in accordance with Section 27 of the Act.

6.5 The following shall be used as fuel. In case of change of management the name and address of the new Directors shall immediately be intimated to the GPCB.

6.6 The consent granted shall lapse at any time if any parameters or any condition of this consent order are not complied with.

For and on behalf of
Gujarat Pollution Control Board

(A. V. Shah)
Sr. Environmental engineer

F.No.11-50/2011-IA.III
Government of India
Ministry of Environment, Forests & Climate Change
(IA-III Section)

Vayu Wing, 3rd Floor,
Indira Paryavaran Bhawan,
Jor Bag Road, Aliganj,
New Delhi - 110 003

Dated: 19th September, 2014

To
The Chief Executive Officer,
M/s Dahej SEZ Ltd.,
Block No.14, 3rd Floor,
Udyog Bhawan, Sector-11,
Gandhinagar – 382 017, Gujarat

Contact Person Details:
Shri S. N. Patil,
Fax: 079-23241736
Phone: +91-7923241590-65721608
Email: ceo@dahejsez.com, ceodsl6@yahoo.in

Subject: CRZ Clearance for laying of roads and other facilities for the SEZ at Dahej, Taluka Vagra, Dist. Bharuch, Gujarat by M/s Dahej SEZ Ltd. – Reg.

This has reference to your letter No: DSL/MoEF/CRZ-Clea5rance/1949 dated 15.06.2011 and subsequent letters dated 07.12.2013 and 13.02.2014 seeking prior CRZ Clearance for the above project under the Coastal Regulation Zone Notification, 2011. The proposal has been appraised as per prescribed procedure in the light of provisions under the CRZ Notification, 2011 on the basis of the mandatory documents enclosed with the application viz., the Questionnaire, recommendation of State Coastal Zone Management Authority, EIA, EMP and the additional clarifications furnished in response to the observations of the Expert Appraisal Committee constituted by the competent authority in its meetings held on 21st–23rd September, 2011, 16th -17th April, 2012, 22nd - 24th January, 2014 and 21st - 22nd March, 2014.

2. It is inter-alia noted that the proposal involves laying of roads and other facilities for the SEZ at Dahej, Taluka Vagra, Dist. Bharuch, Gujarat. M/s Dahej SEZ Ltd. is developing SEZ in the area of 1803 ha near village Dahej, Gujarat. The SEZ is divided into Part-I and Part-II. Both are connected by a dedicated corridor of 35/45 mtrs width and 5 km long. Environmental Clearance (EC) for non CRZ area of SEZ was issued by the Ministry of Environment & Forests on 17.03.2010.

3. The present proposal involves providing essential infrastructure facilities like road, water supply, drainage, power supply etc. In Part-I of SEZ, 1.4 km of road, 2.8 km of storm water drainage, 1.4 km water distribution pipeline, 1.4 km drainage pipeline and 1.4 km power line and in Part-II of SEZ, a road of 1.8 km fall within CRZ area.

Inward No. 7756
Date 29/9/14

AM/SEM
Pl - SPK

4. HTL/LTL demarcation was got prepared from the Institute of Remote Sensing (IRS), Anna University, Chennai. According to the map about 304.85 acres falls within CRZ area. The Gujarat State Coastal Zone Management Authority has recommended the project vide letter No. ENV-10-2010-669-E dated 15.12.2011.

5. The Expert Appraisal Committee, after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations, have recommended for the issue of CRZ Clearance for the project. Accordingly, the Ministry hereby accords necessary CRZ Clearance for the above project as per the provisions of CRZ Notification, 2011 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

A. Specific Conditions:

(i) There shall be no allotment of plot in 304.85 acres of CRZ area to industries except for port and harbour or any activity requiring foreshore facilities. Such port and harbour projects shall obtain prior approval under EIA Notification, 2006 and CRZ Notification, 2011. as applicable.

(ii) There shall no water logging due to the proposed roads.

(iii) The runoff from SEZ shall be collected and taken to ETP.

(iv) All the conditions/recommendations stipulated in Environmental Clearance (EC) issued by Ministry of Environment & Forests for non CRZ area of SEZ vide letter no. 21-1084/2007-IA-III dated 17.03.2010, shall be strictly complied with.

(v) All the conditions/recommendations stipulated by Gujarat State Coastal Zone Management Authority vide their letter No. ENV-10-2010-669-E dated 15.12.2011 shall be strictly complied with.

(vi) All the recommendation of the EIA/EMP and DMP shall be strictly complied with.

B. General Conditions:

(i) The construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration, meticulously conforming to the existing local and Central rules and regulations including the provisions of Coastal Regulation Zone Notification, 2011 and the approved Coastal Zone Management Plan of Gujarat.

(ii) In the event of any change in the project profile a fresh reference shall be made to the Ministry of Environment, Forests & Climate Change.

(iii) This Ministry reserves the right to revoke this clearance, if any, of the conditions stipulated are not complied with to the satisfaction of this Ministry.

(iv) This Ministry or any other competent authority may stipulate any additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.

(v) Full support should be extended to the officers of this Ministry's Regional Office at Bhopal and the offices of the Central and Gujarat State Pollution Control Board by the project proponents during their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.

6. These stipulations would be enforced among others under the provisions of water (Prevention and Control of Pollution) Act, 1974 the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and Municipal Solid Wastes (Management and Handling) Rules, 2000 including the amendments and rules made thereafter.

7. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department and Civil Aviation Department from height point of view, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.

8. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded CRZ Clearance and copies of clearance letters are available with the Gujarat State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forests & Climate Change at http://www.envfor.nic.in. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhopal.

9. This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.

10. Any appeal against this Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

11. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

12. The proponent shall upload the status of compliance of the stipulated Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO_2, NOx (ambient levels as well as

stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

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

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

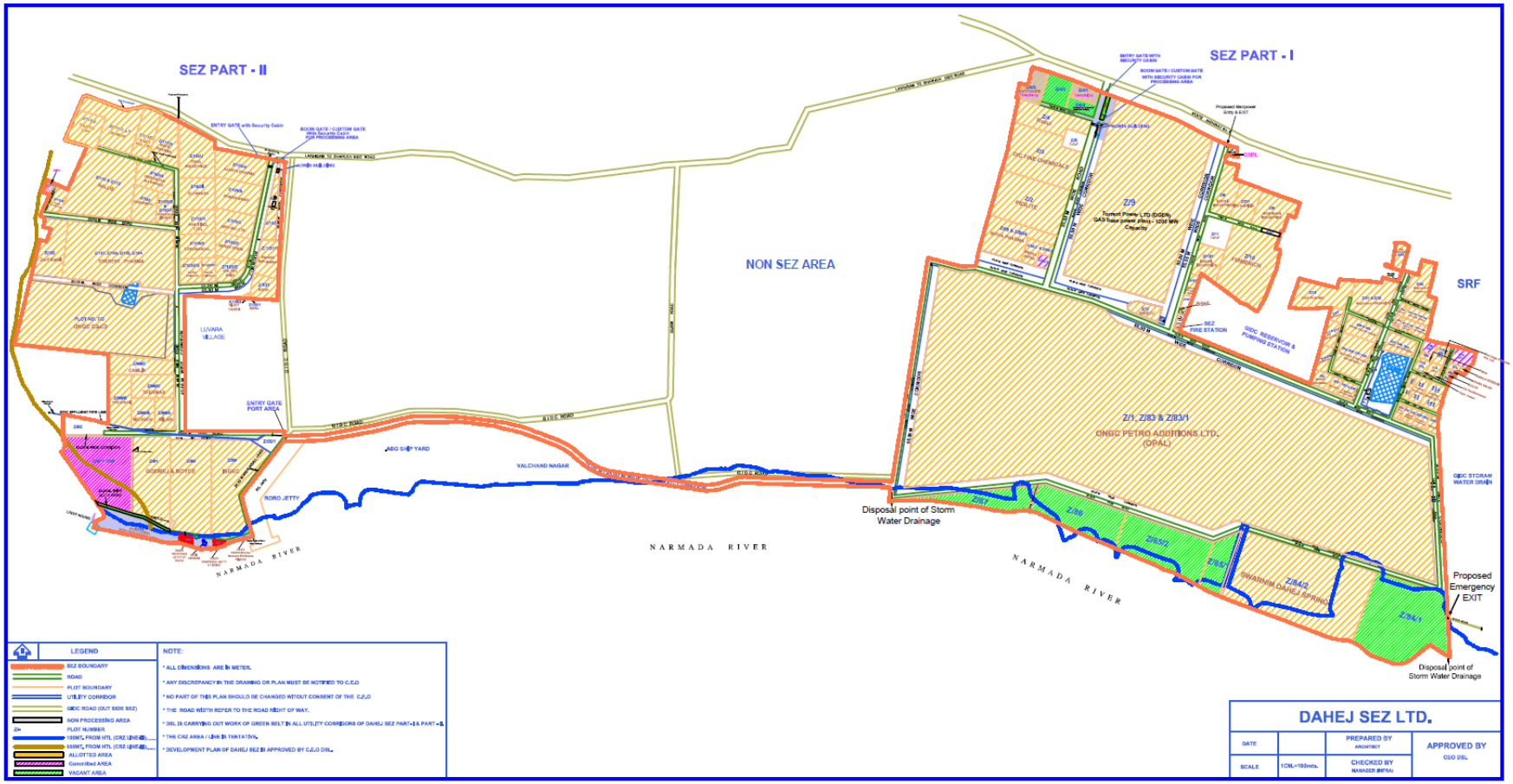
(Lalit Kapur)
Director (IA-III)

Copy to:

1. The Principal Secretary, Department of Forests & Environment and Chairman, GCZMA, Govt. of Gujarat, Sachivalaya, Gandhinagar.
2. The Director, Forests & Environment Department, Govt. of Gujarat, Block No.14, 8th Floor, Sachivalaya, Gandhinagar – 382 010.
3. The Chairman, CPCB, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32.
4. The Chairman, Gujarat State Pollution Control Board, Paryavaran Bhawan, Sector 10 A, Gandhinagar-382 010.
5. The Chief Conservator of Forests, Ministry of Environment, Forests & Climate Change, Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No. 3, Ravishankar Nagar, Bhopal–462016 (M.P.)
6. Guard File.
7. Monitoring Cell, MoEF&CC.

(Lalit Kapur)
Director (IA-III)

DAHEJ SEZ DEVELOPMENT PLAN



M/s. Dahej SEZ Limited				
Sr. No.	**Name & Address**	**Plot No.**	**Approx. Area (in ha.)**	**Approx. Area (in Sq. Mtr.)**
Part –I Processing Area				
1	ONGC Petro Additions Ltd. (OPAL)	Z/1, Z/83	503.00	50,30,046.74
1-A		Z/83/1	5.40	54,001.27
2	Pidilite Industries Ltd.	Z/2	20.15	2,01,503.90
3	DIC Fine Chemicals Pvt. Ltd.	Z/3	20.13	2,01,268.89
4	Neesa Infrastructure Ltd.	Z/88/3	1.87	18,650.00
4-A	Neesa Infrastructure Ltd.	Z/88/2	1.19	11,955.99
5	Indofil Industries Limited (Dahej SEZ Unit)	Z/8	6.26	62,640.45
6	Firmenich Aromatics Production (India) Pvt. Ltd.	Z/10	21.91	2,19,145.32
7	Glomet Technologies Pvt. Ltd.	Z/22	0.94	9,375.00
8	Meghmani Industries Ltd.	Z/6	7.57	75,730.00
9	Sarju Impex Limited	Z/13	2.62	26,152.40
10	Meghmani Organics Ltd.	Z/31 Z/32	8.71	87,055.13
11	Meghmani Unichem Limited Liability Partnership	Z/34	5.39	53,853.17
12	Panama Petrochem Ltd.	Z/23 Z/24	1.62	16,262.08
13	Torrent Power Ltd.	Z/9	110.72	11,07,157.94
13-A	Torrent Power Ltd.	Z/21	1.81	18,060.41
14	Sigachi Industries Pvt. Ltd.	Z/16	1.08	10,776.77
15	P&J Cretechem (P) Ltd.	Z/17 Z/18	2.07	20,695.00
16	Ramdev Chemical Industries	Z/19 Z/20	2.00	20,000.00
17	Gujarat Dyestuff Industries	Z/25 Z/26 Z/27 Z/28	7.44	74,473.28
18	Sun Pharmaceutical Industries Ltd.	Z/15	8.93	89,280.25
19	CS Performance Chemicals Pvt. Ltd.	Z/33	2.06	20,639.37
19-A	CS Performance Chemicals Pvt. Ltd.	Z/76 Z/77	1.00	10,000.00
20	Roxul Rockwool Insulation India Pvt. Ltd.	Z/4	9.42	94,162.82
21	Aries Colorchem Pvt. Ltd.	Z/29 Z/30	3.49	34,899.30
22	Gujarat State Petronet Limited	Z/7	0.55	5,506.57
23	Breeze Intermediates Pvt. Limited	Z/39	0.50	5,000.00
24	Bharat Sanchar Nigam Limited	Part of Plot Z/14/1/part	0.03	300.00
25	Shiva Pharma Chem Limited	Z/88 Z/88/4	11.04	1,10,491.26
26	Thema Nutriment & Packaging Pvt. Ltd.	Z/73 Z/74 Z/75	1.65	16,525.95
27	APPL Industries Ltd.	Z/45 Z/46 Z/47	3.17	31,720.59
28	Euclid Constructions Limited	Z/68	0.27	2,677.09
29	Fernas Construction India Pvt. Ltd.	Z/55	1.16	11,593.06
30	Indo Baijin Chemicals Pvt. Ltd.	Z/7/1	5.00	50,000.00
31	Indofil Industries Ltd.	Z/12/1	5.02	50,222.66
32	Bitumode International Pvt. Ltd.	Z/43 Z/44	1.25	12,547.83

M/s. Dahej SEZ Limited				
Sr. No.	**Name & Address**	**Plot No.**	**Approx. Area (in ha.)**	**Approx. Area (in Sq. Mtr.)**
33	Kumar Organic Products Ltd.	Z/35 Z/36 Z/37 Z/38	2.12	21,261.72
34	Accent Microcell Pvt. Ltd.	Z/59 Z/60 Z/63 Z/64	2.00	20,060.45
35	Unique Techno Associates Pvt. Ltd.	Z/41 Z/42	1.00	10,000.00
36	Babaji Shivram Clearing & Carriers Pvt. Ltd.	Z/70	0.70	7,084.23
37	Mascon Color Chem Pvt. Ltd.	Z/12/2	1.29	12,974.62
38	Palvi Power Tech Sales Pvt. Ltd.	Z/78 Z/79	1.00	10,005.83
39	Astra Specialty Compounds India Pvt. Ltd.	Z/56 Z/57 Z/58 Z/65 Z/66 Z/67	2.96	29,629.81
40	Prakash Chemicals International Pvt. Ltd.	Z/53 Z/54	1.25	12,529.31
41	Annie Chemie Pvt. Ltd.	Z/40	0.50	5,034.13
42	Ana Industries Pvt. Ltd.	Z/88/1	1.02	10,241.31
43	Axiom Chemicals Pvt. Ltd.	Z/80	0.50	5,001.82
44	Mahadi Organics Pvt. Ltd.	Z51 & Z/52	1.25	12,536.64
45	Soft Rainbow Pvt. Ltd.	Z/71 & Z/72	2.20	22,081.41
46	CS Specialty Chemicals Ltd.	Z/81 & Z/82	0.98	9,886.12
47	Vidhi Specialty Food Ingredients Ltd	Z/61 & Z/62	1.00	10,060.40
48	Insecticides (India) Ltd.	Z/50	0.63	6,301.92
Sub-Total (A)			**806.82**	**80,69,060.21**
Part-II Processing Area				
1	Oil and Natural Gas Corporation Ltd. C2-C3 Plant – Dahej	7-D	59.80	5,98,010.78
2 *	Godrej & Boyce Mfg. Co. Ltd. *	Z/90 & Z/91	22.48	2,24,845.01
2-A *			18.71	1,87,179.59
3 *	ISGEC Heavy Engineering Ltd. *	Z/89	22.51	2,25,138.00
4	Rallis India Ltd.	Z/110	8.31	83,110.70
4A		Z/112	15.54	1,55,419.17
5	Torrent Power Ltd.	Z/101/1	4.71	47,187.76
6	Torrent Pharmaceuticals Ltd.	Z/104, Z/105, Z/106	27.57	2,75,726.66
		Z/107	9.84	98,445.60
7	Fermenta Biotech Ltd.	Z/109/B Z/109/C	3.06	30,689.39
8	Gujarat State Petronet Limited	Z/112/A	0.60	6,095.43
9	Coromandal International Ltd.	Z/103/G	5.16	51,659.39
10	Bharat Sanchar Nigam Limited	Part of Plot from Z/100/1	0.07	720.82
11	Hindusthan M-I Swaco Limited	Z/109/A	5.43	54,368.65
12	Glenmark Pharmaceuticals Limited	Z/103/I	6.71	67,165.21
13	Tega Industries Ltd.	Z/103/J	9.87	98,703.09
14	Tatva Chintan Pharma Chem Pvt. Ltd.	Z/103/F/I	2.00	20,098.45

M/s. Dahej SEZ Limited				
Sr. No.	**Name & Address**	**Plot No.**	**Approx. Area (in ha.)**	**Approx. Area (in Sq. Mtr.)**
		Z/103/F/2	3.17	31,724.19
15	Benzo Chem Industries Pvt. Ltd.	Z/103/D	4.76	47,613.19
16	Aarti Industries Ltd.	Z/103/H	5.01	50,148.40
17	Ajanta Pharma Limited	Z/103/A	8.50	85,034.32
18	RAKS Pharma Pvt. Ltd.	Z/111/A	6.72	67,221.45
19	Holtec Asia Pvt. Ltd.	Z/103/E	3.67	36,758.12
20	Milan Laboratories (I) Pvt. Ltd.	Z/96/A	3.76	37,663.14
21	Dorf Ketal (I) Pvt. Ltd.	Z/108	8.65	86,565.06
22	Thermax Ltd.	Z/96/C	6.00	60,074.48
23	Neogen Chemicals Ltd.	Z/109	4.98	49,829.04
24	Yashashvi Rasayan Pvt. Ltd.	Z/96/E	7.11	71,101.90
25	Camlin fine Sciences Ltd	Z/96/D	6.75	67,816.77
26	HLE Engineers Pvt. Ltd.	Z/96/B	4.35	43,502.42
27	Powerband Ind. Pvt. Ltd.	Z/103/B	8.20	82,120.33
28	Trustin Tape Pvt. Ltd.	Z/111/E	5.98	59,827.85
29	Hema Dyechem Pvt. Ltd.	Z/112/B	1.98	19,836.99
30	Dishman Carbogen Amcis Ltd	Z/111/C & Z/111/D	11.50	1,15,022.45
31	Aarti Industries. Ltd.	Z/103/C	5.47	54,754.33
32	Roha Dyechem Pvt Ltd.	Z/101	3.57	35,705.25
33	Aarti Industries. Ltd.	Z/111/B	5.34	53,495.24
34*	Raftar Terminals Pvt. Ltd. *	Z/93 & Z/95	23.31	2,33,140.15
Sub Total (B)			**361.15**	**36,13,518.77**
Part-III – Non-Processing Area				
1	Sapthagiri Hospitality Pvt. Ltd.	Z/4/3	4.10	41,090.00
2	Shrikunj Hospitality Pvt. Ltd.	Z/4/1	2.63	26,302.61
3	ISGEC Heavy Engineering Ltd.	Z/94/C	0.61	6,139.62
4	Godrej & Boyce Mfg. Co. Ltd.	Z/94/D	0.83	8,310.92
Sub Total (C)			**8.17**	**81,843.15**
Grand Total (A + B + C)			**1,176.14**	**1,17,64,422.13**

Note: * Indicates the plot affected and covered under the CRZ area.

Copy of comprehensive Monitoring Report

Period: April 2020 to September 2020

ENVIRONMENT MONITORING REPORT

Period: October 2020 to March 2021

FOR

DAHEJ SEZ LIMITED

M/s. Dahej SEZ Ltd. (SEZ Developer)

Located at
Dahej SEZ Part - I
At & Post: Dahej, Taluka – Vagra,
Dist. Bharuch – 392 140, Gujarat

Report Prepared by

Ecosystem Resource Management Pvt. Ltd.

Office Floor, Ashoka Pavilion'A', New Civil Road, Surat, Gujarat.
(NABL ACCREDITED NO. TC-6603)
E-mail: eco@ecshripad.com
Tel No: +912612231630

INDEX

1. METEOROLOGICAL MONITORING REPORT

Period: October 2020 to March 2021

FOR

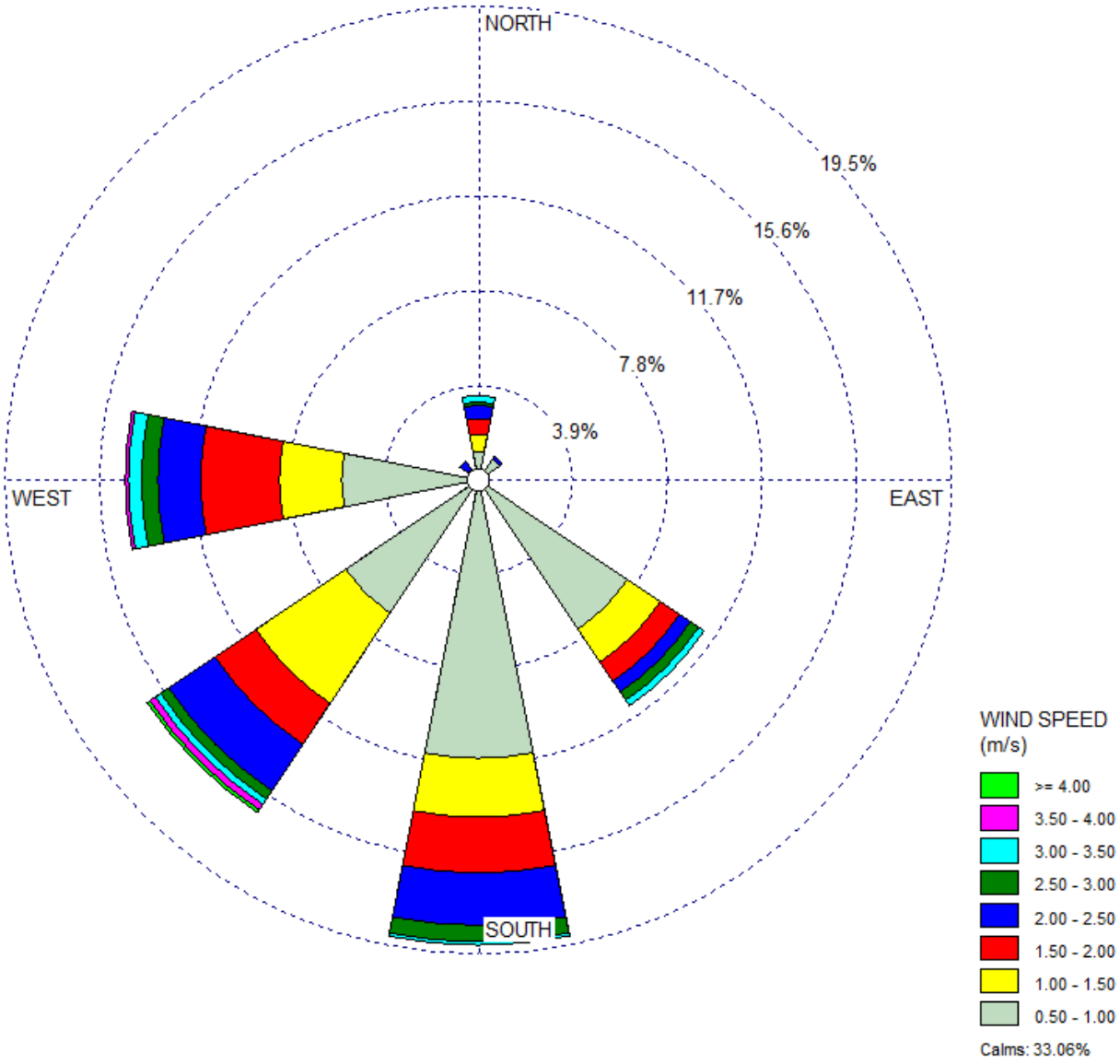
DAHEJ SEZ LIMITED

M/s. Dahej SEZ Ltd. (SEZ Developer)

Located at
Dahej SEZ Part - I
At & Post: Dahej, Taluka – Vagra,
Dist. Bharuch – 392 140, Gujarat

WIND ROSE PLOT:
M/s.Dahej SEZ Ltd.
Ecosystem Resource Management PVT.LTD

DISPLAY:
Wind Speed
Direction (blowing from)



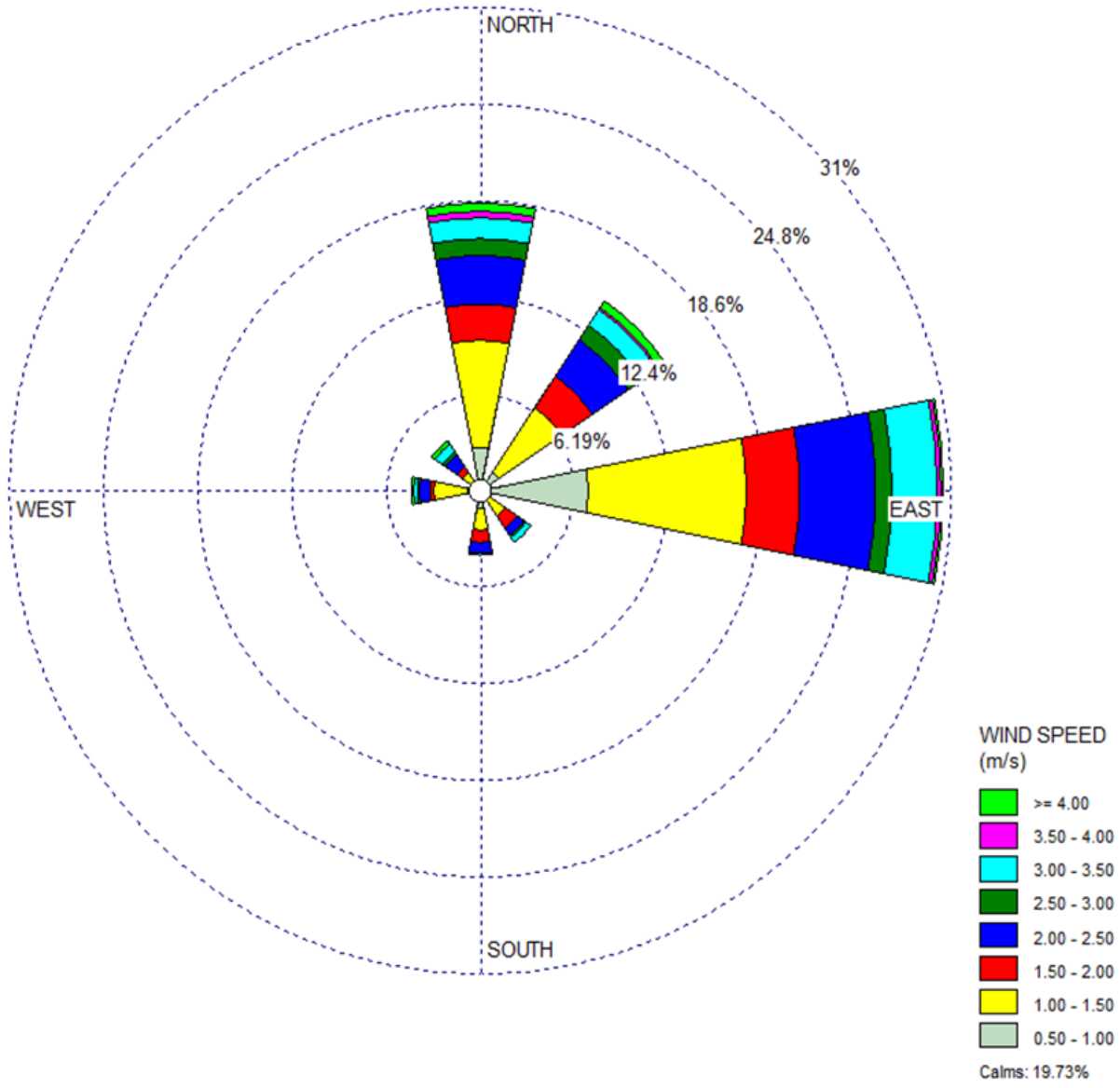
COMMENTS:	DATA PERIOD: **Start Date: 1/10/2020 - 00:00** **End Date: 31/10/2020 - 23:00**	COMPANY NAME: **M/s. Dahej SEZ Ltd.**	
		MODELER: **Ecosystem Resource Management Pvt.Ltd**	
	CALM WINDS: **33.06%**	TOTAL COUNT: **744 hrs.**	
	AVG. WIND SPEED: **0.88 m/s**	DATE: **7/11/2020**	PROJECT NO.: **3**

WRPLOT View - Lakes Environmental Software

1.1. WIND ROSE DIAGRAM: OCTOBER 2020

WIND ROSE PLOT:
M/s.Dahej SEZ Ltd.
Ecosystem Resource Management PVT.LTD

DISPLAY:
Wind Speed
Direction (blowing from)



COMMENTS:	DATA PERIOD: **Start Date: 1/11/2020 - 00:00** **End Date: 30/11/2020 - 23:00**	COMPANY NAME: **M/s. Dahej SEZ Ltd.**	
		MODELER: **Ecosystem Resource Management Pvt.Ltd**	
	CALM WINDS: **19.73%**	TOTAL COUNT: **744 hrs.**	
	AVG. WIND SPEED: **1.35 m/s**	DATE: **2/12/2020**	PROJECT NO.: **3**

WRPLOT View - Lakes Environmental Software

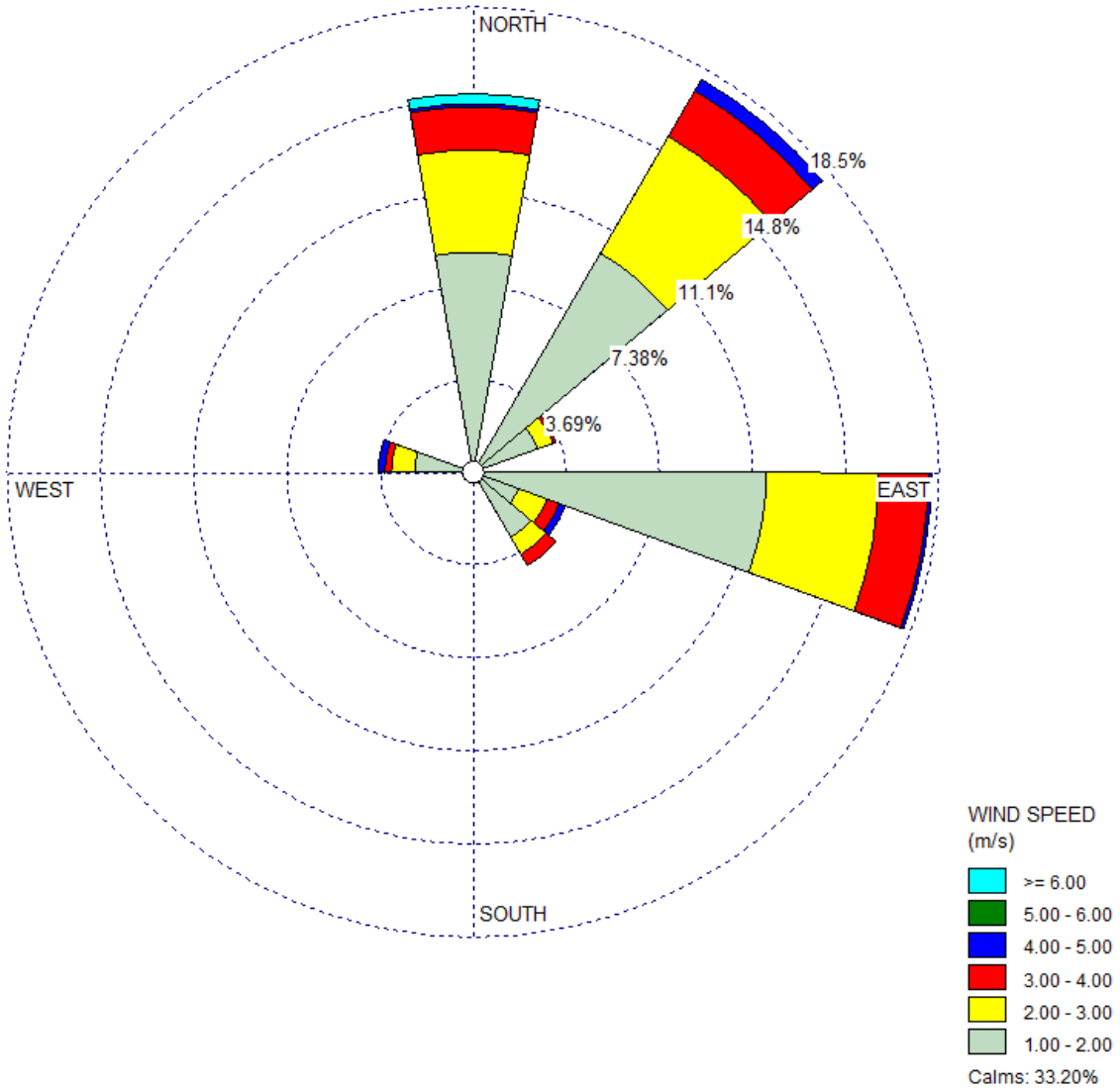
1.2. WIND ROSE DIAGRAM: NOVEMBER 2020

WIND ROSE PLOT:

DAHEJ SEZ

DISPLAY:

Wind Speed
Direction (blowing from)



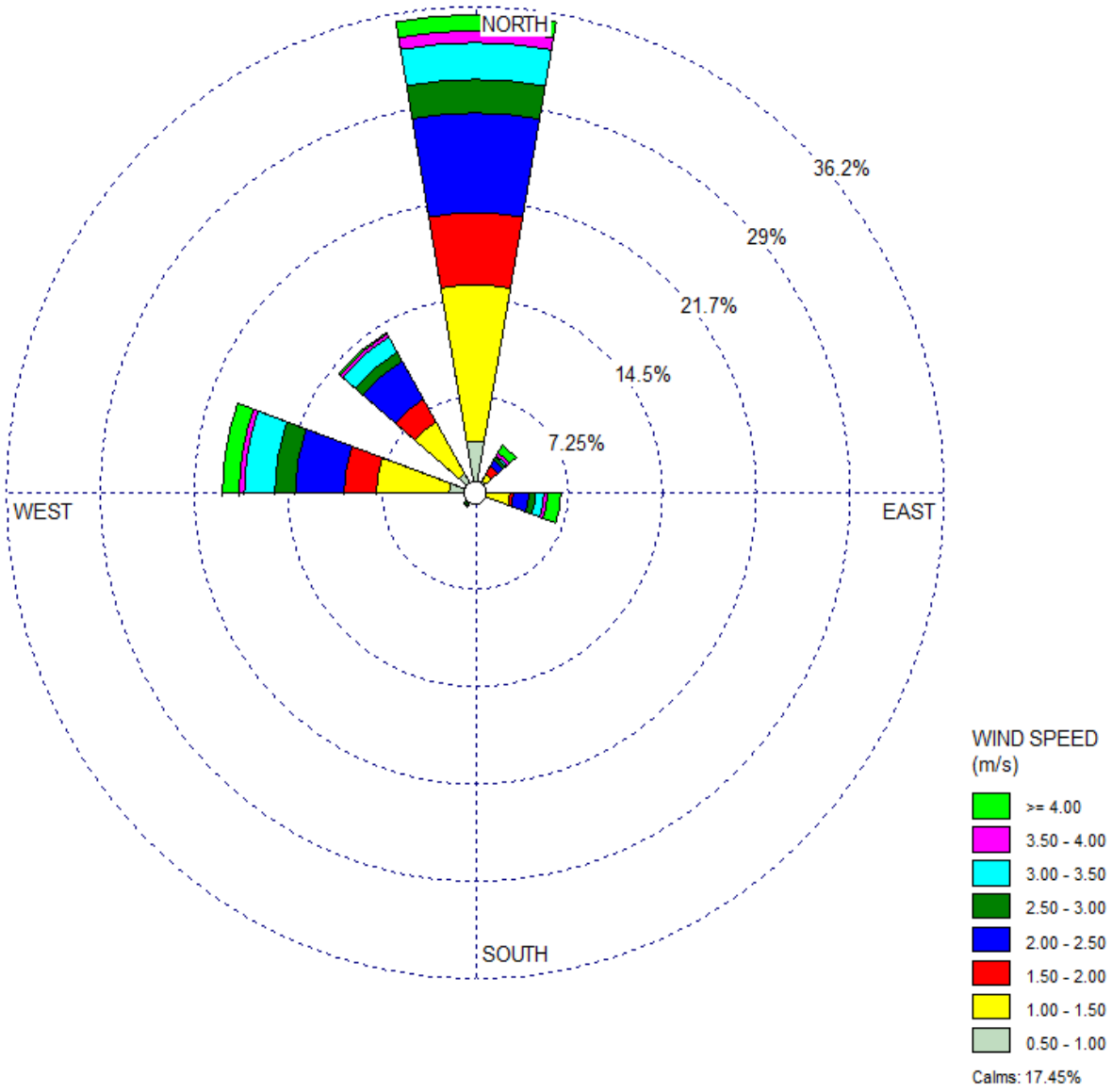
COMMENTS:	DATA PERIOD: **Start Date: 01-12-2020 - 00:00** **End Date: 31-12-2020 - 23:00**	COMPANY NAME: **ECOSYSTEM RESOURCE MANAGEMENT**	
		MODELER: **DAHEJ SEZ**	
	CALM WINDS: **33.20%**	TOTAL COUNT: **767 hrs.**	
	AVG. WIND SPEED: **1.25 m/s**	DATE: **02-01-2021**	PROJECT NO.: **4**

WRPLOT View - Lakes Environmental Software

1.3. WIND ROSE DIAGRAM: DECEMBER 2020

WIND ROSE PLOT:
M/s.Dahej SEZ Ltd.
Ecosystem Resource Management PVT.LTD

DISPLAY:
Wind Speed
Direction (blowing from)



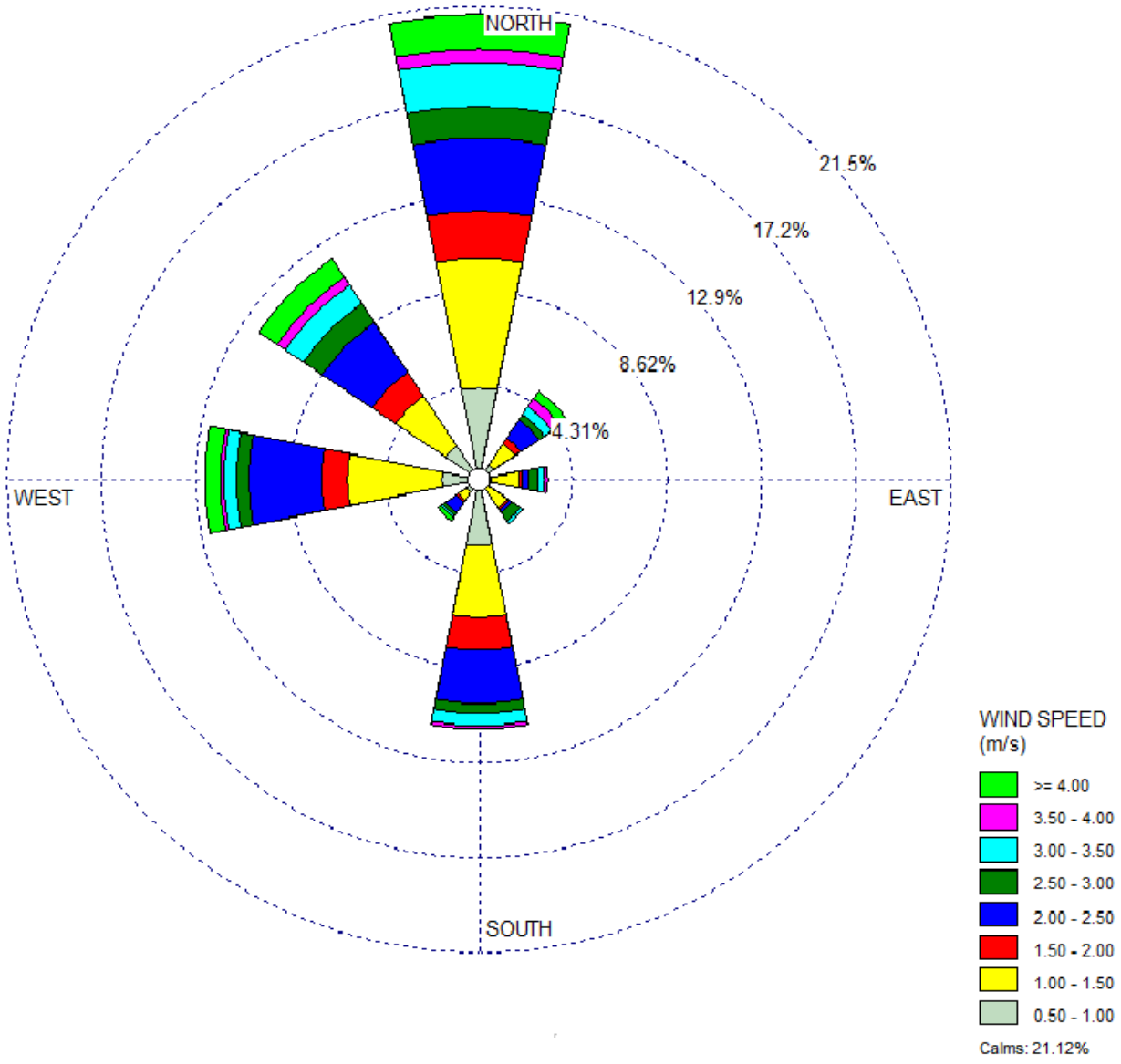
COMMENTS:	DATA PERIOD: Start Date: 1/1/2021 - 00:00 End Date: 31/1/2021 - 23:00	COMPANY NAME: M/s. Dahej SEZ Ltd.	
		MODELER: Ecosystem Resource Management Pvt.Ltd	
	CALM WINDS: 17.45%	TOTAL COUNT: 765 hrs.	
	AVG. WIND SPEED: 1.58 m/s	DATE: 1/2/2021	PROJECT NO.: 3

WRPLOT View - Lakes Environmental Software

1.4. WIND ROSE DIAGRAM: JANUARY 2021

WIND ROSE PLOT:
M/s.Dahej SEZ Ltd.
Ecosystem Resource Management PVT.LTD

DISPLAY:
Wind Speed
Direction (blowing from)



COMMENTS:	DATA PERIOD: **Start Date: 1/2/2021 - 00:00** **End Date: 28/2/2021 - 23:00**	COMPANY NAME: **M/s. Dahej SEZ Ltd.**	
		MODELER: **Ecosystem Resource Management Pvt.Ltd**	
	CALM WINDS: **21.12%**	TOTAL COUNT: **633 hrs.**	
	AVG. WIND SPEED: **1.43 m/s**	DATE: **01-03-2021**	PROJECT NO.: **3**

WRPLOT View - Lakes Environmental Software

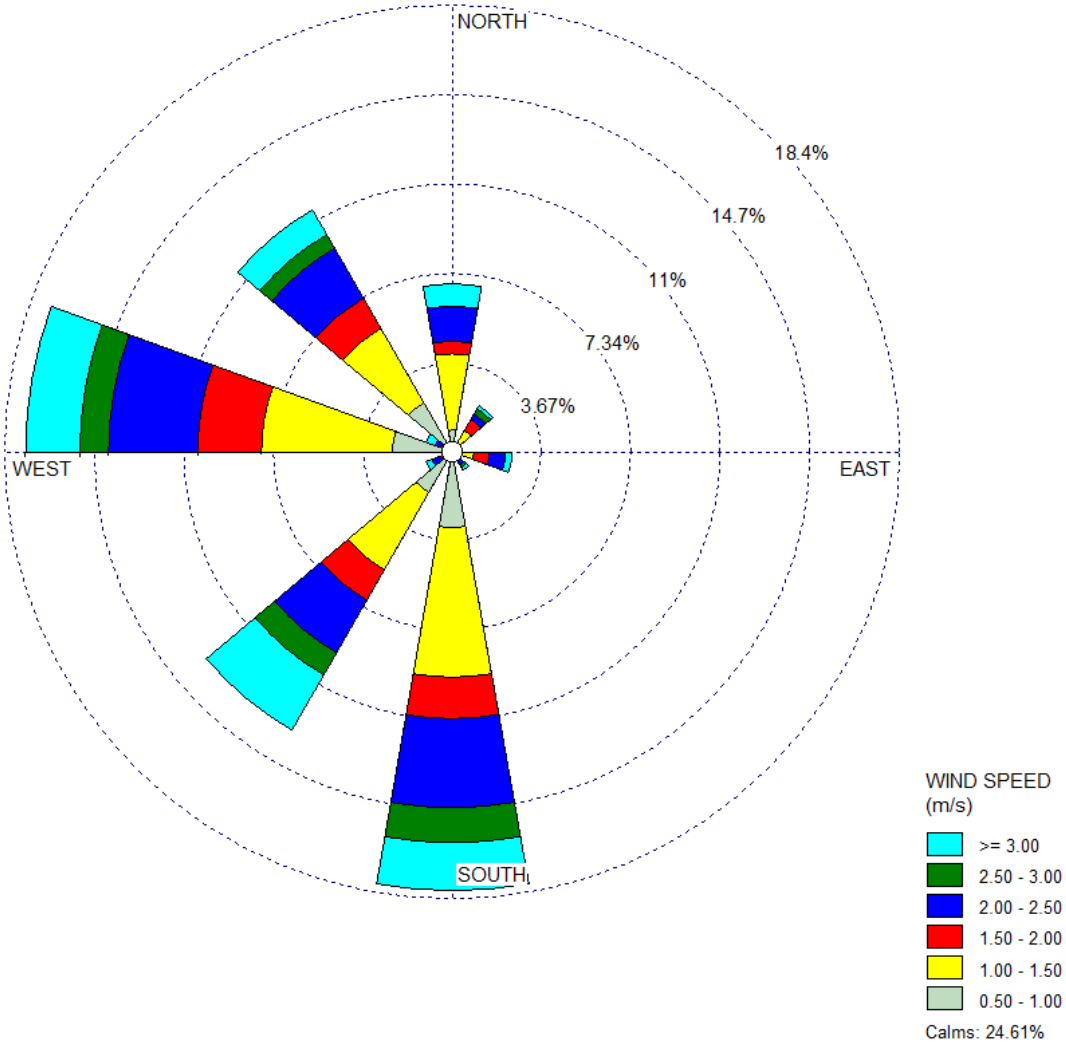
1.5. WIND ROSE DIAGRAM: FEBRUARY 2021

WIND ROSE PLOT:

ECOSYSTEM RESOURCE MANAGEMENT PVT
DAHEJ SEZ

DISPLAY:

Wind Speed
Direction (blowing from)



COMMENTS:	DATA PERIOD: Start Date: 01-03-2021 - 00:00 End Date: 31-03-2021 - 23:00	COMPANY NAME: **ECOSYSTEM RESOURCE MANAGEMENT PVT**	
		MODELER: **DAHEJ SEZ**	
	CALM WINDS: **24.61%**	TOTAL COUNT: **766 hrs.**	
	AVG. WIND SPEED: **1.38 m/s**	DATE: **02-04-2021**	PROJECT NO.: **4**

WRPLOT View - Lakes Environmental Software

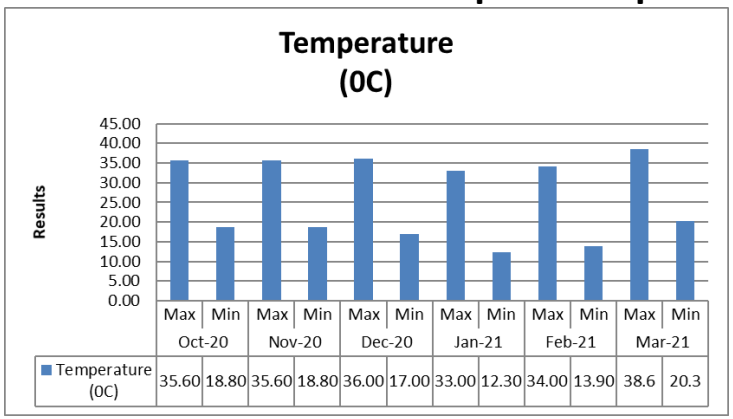
1.6. WIND ROSE DIAGRAM: MARCH 2021

1.7. Meteorological Monitoring Data (October 2020 to March 2021)

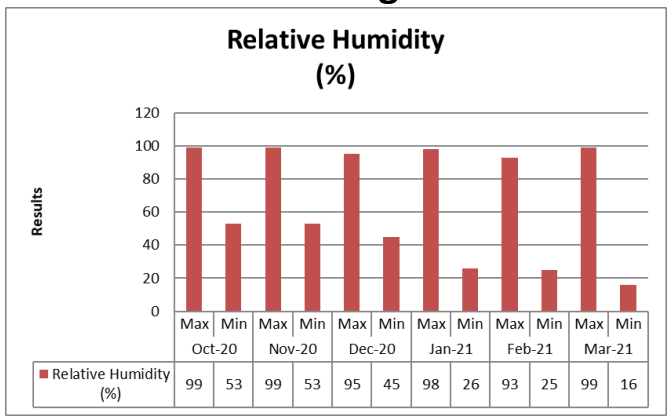
For M/s. Dahej SEZ Limited (SEZ Developer)

Location: SEZ-I Area Latitude: 21°42'39"N Longitude: 72°36'26"E		Period: October 2020 to March 2021 Instrument: AW002 (During October 2020 to March 2021)				
Month	**Max./Min.**	**Temperature (^{0}C)**	**Relative Humidity (%)**	**Wind Direction (degrees)**	**Wind Speed (km/h)**	**Rain (mm)**
October 2020	Max.	35.6	99.0	315	14.5	1.0
	Min.	18.8	53.0	0	0.0	0.0
November 2020	Max.	35.6	99.0	315	17.3	0.0
	Min.	18.8	53.0	0	0.0	0.0
December 2020	Max.	36.0	95.0	270	15.8	1.0
	Min.	17.0	45.0	0	0.0	0.0
January 2021	Max.	33.0	98.0	315	20.9	0.0
	Min.	12.3	26.0	0	0.0	0.0
February 2021	Max.	34.0	93.0	315	27.0	0.0
	Min.	13.9	25.0	0	0.0	0.0
March 2021	Max.	38.6	99	337	25.3	0
	Min.	20.3	16	0	0	0
Max.		**43.3**	**99**	**358.2**	**34.6**	**572.7**
Min.		**18.8**	**24**	**0**	**0**	**0**

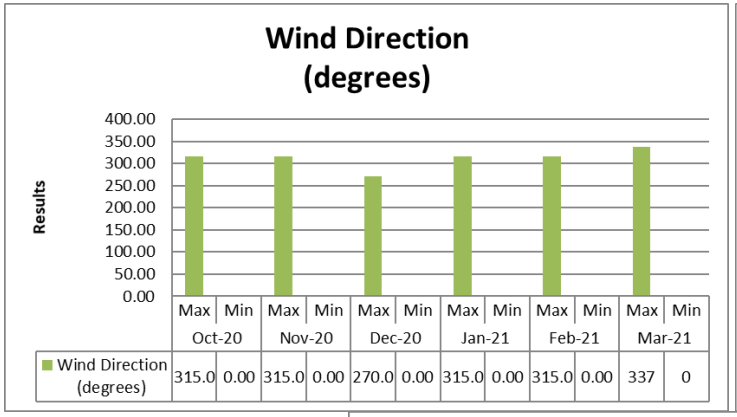
Parameter wise Graphical Representation of Meteorological data



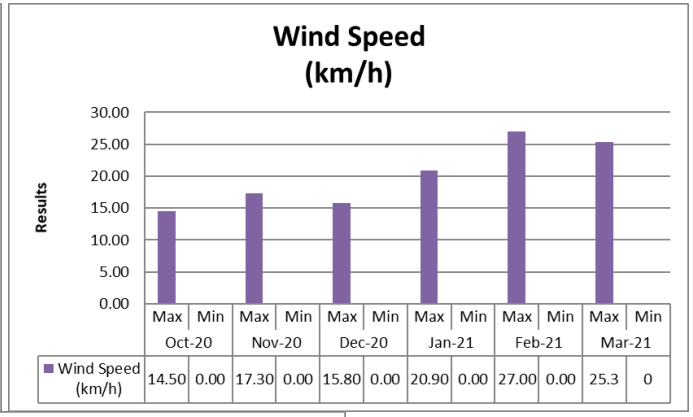
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	Oct-20		Nov-20		Dec-20		Jan-21		Feb-21		Mar-21	
Temperature (0C)	35.60	18.80	35.60	18.80	36.00	17.00	33.00	12.30	34.00	13.90	38.6	20.3



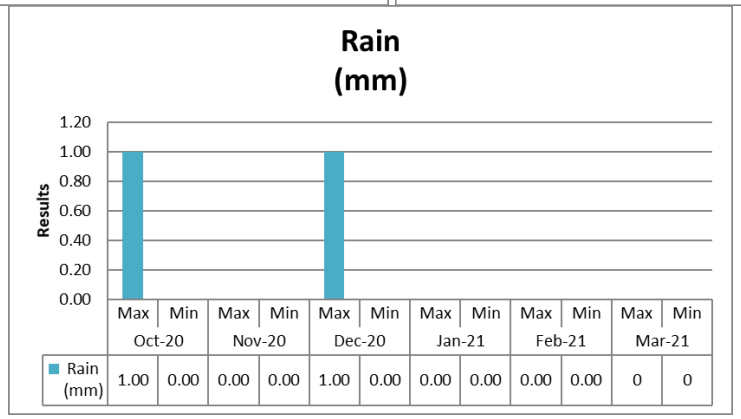
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	Oct-20		Nov-20		Dec-20		Jan-21		Feb-21		Mar-21	
Relative Humidity (%)	99	53	99	53	95	45	98	26	93	25	99	16



	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	Oct-20		Nov-20		Dec-20		Jan-21		Feb-21		Mar-21	
Wind Direction (degrees)	315.0	0.00	315.0	0.00	270.0	0.00	315.0	0.00	315.0	0.00	337	0



	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	Oct-20		Nov-20		Dec-20		Jan-21		Feb-21		Mar-21	
Wind Speed (km/h)	14.50	0.00	17.30	0.00	15.80	0.00	20.90	0.00	27.00	0.00	25.3	0



	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	Oct-20		Nov-20		Dec-20		Jan-21		Feb-21		Mar-21	
Rain (mm)	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0

2. AMBIENT AIR QUALITY MONITORING REPORT

Period: October 2020 to March 2021

FOR

DAHEJ SEZ LIMITED

M/s. Dahej SEZ Ltd. (SEZ Developer)

Located at
Dahej SEZ Part - I
At & Post: Dahej, Taluka – Vagra,
Dist. Bharuch – 392 140, Gujarat

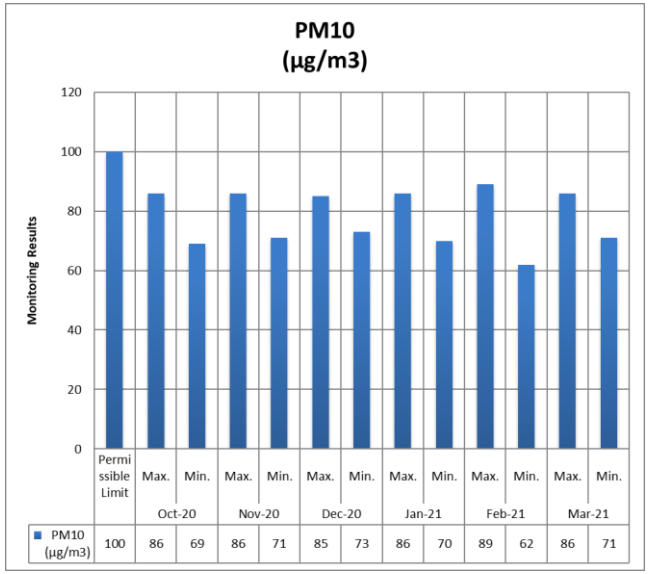
2.1. Ambient Air Quality Monitoring Data, SEZ-I, Admin Building (October 2020 to March 2021)

For M/s. Dahej SEZ Limited (SEZ Developer)

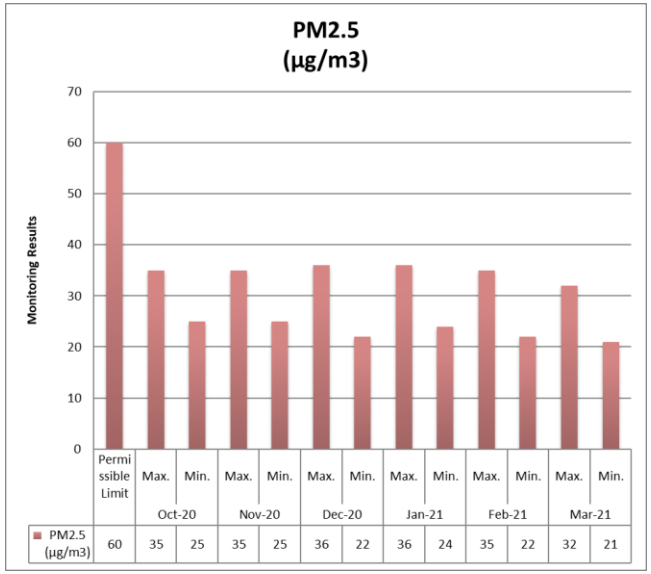
Location: SEZ-I, Admin Building Latitude: 21.7111303 N Longitude: 72.6073576 E	Period: October 2020 to March 2021 Instrument: PM10 & PM2.5 COMBO SAMPLER (Sr. No. 200604138) [During October 2020 to March 2021]

Month	Max./Min.	PM_{10} ($\mu g/m^3$)	$PM_{2.5}$ ($\mu g/m^3$)	SO_2 ($\mu g/m^3$)	NO_X ($\mu g/m^3$)	CO ($\mu g/m^3$)	Total VOC as Isobutylene (ppm)
October 2020	Max.	86	35	26	25	528	2.3
	Min.	69	25	18	12	205	1.0
November 2020	Max.	86	35	35	24	462	1.3
	Min.	71	25	15	10	312	0.5
December 2020	Max.	85	36	24	17	389	1.5
	Min.	73	22	12	8	268	0.8
January 2021	Max.	86	36	25	18	345	1.2
	Min.	70	24	11	9	239	0.7
February 2021	Max.	89	35	22	21	356	1.2
	Min.	62	22	9	7	274	0.5
March 2021	Max.	86	32	24	16	385	1.2
	Min.	71	21	11	8	236	0.5
Max.		**89**	**36**	**35**	**25**	**528**	**2.3**
Min.		**62**	**21**	**9**	**7**	**205**	**0.5**

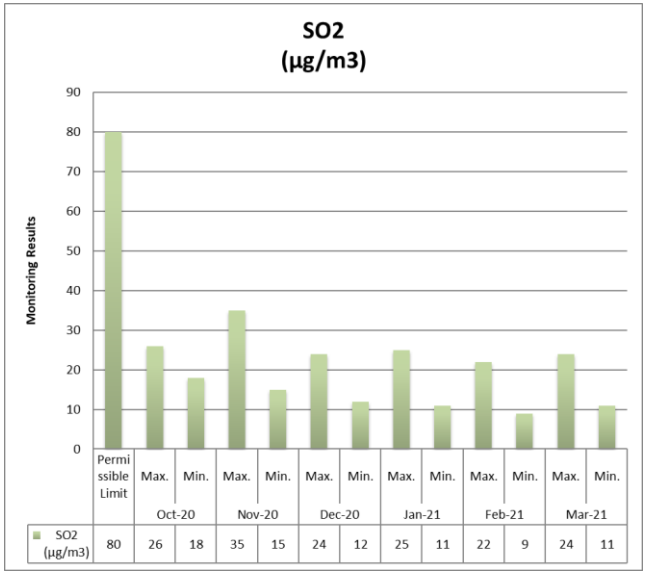
Parameter wise Graphical Representation of Ambient Air Quality at SEZ-I, Admin Building



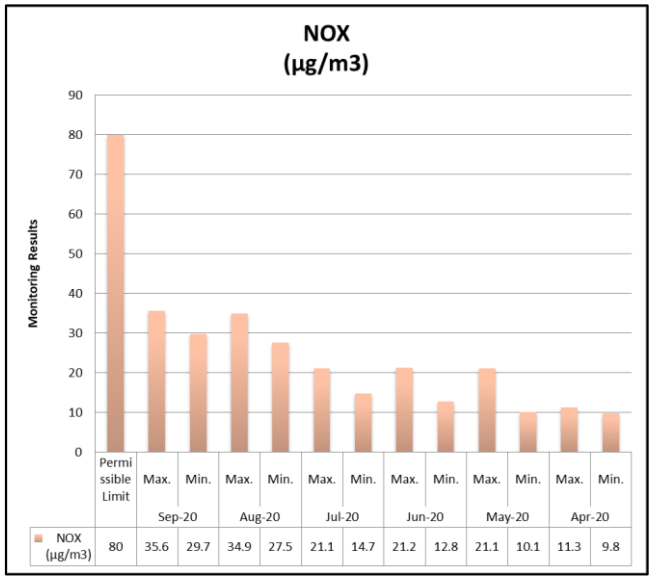
	Permissible Limit	Oct-20 Max.	Oct-20 Min.	Nov-20 Max.	Nov-20 Min.	Dec-20 Max.	Dec-20 Min.	Jan-21 Max.	Jan-21 Min.	Feb-21 Max.	Feb-21 Min.	Mar-21 Max.	Mar-21 Min.
PM10 (µg/m3)	100	86	69	86	71	85	73	86	70	89	62	86	71



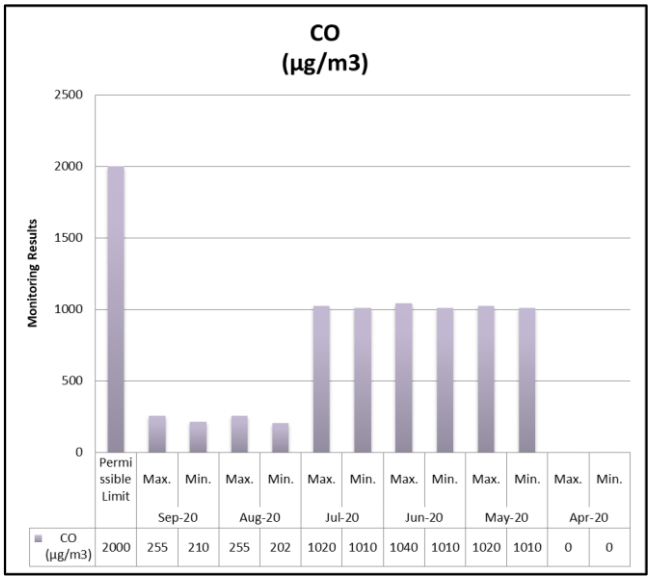
	Permissible Limit	Oct-20 Max.	Oct-20 Min.	Nov-20 Max.	Nov-20 Min.	Dec-20 Max.	Dec-20 Min.	Jan-21 Max.	Jan-21 Min.	Feb-21 Max.	Feb-21 Min.	Mar-21 Max.	Mar-21 Min.
PM2.5 (µg/m3)	60	35	25	35	25	36	22	36	24	35	22	32	21



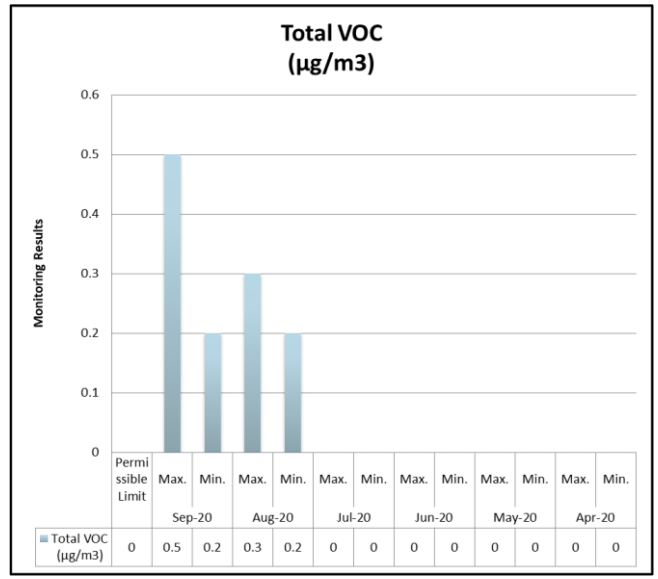
	Permissible Limit	Oct-20 Max.	Oct-20 Min.	Nov-20 Max.	Nov-20 Min.	Dec-20 Max.	Dec-20 Min.	Jan-21 Max.	Jan-21 Min.	Feb-21 Max.	Feb-21 Min.	Mar-21 Max.	Mar-21 Min.
SO2 (µg/m3)	80	26	18	35	15	24	12	25	11	22	9	24	11



	Permissible Limit	Sep-20 Max.	Sep-20 Min.	Aug-20 Max.	Aug-20 Min.	Jul-20 Max.	Jul-20 Min.	Jun-20 Max.	Jun-20 Min.	May-20 Max.	May-20 Min.	Apr-20 Max.	Apr-20 Min.
NOX (µg/m3)	80	35.6	29.7	34.9	27.5	21.1	14.7	21.2	12.8	21.1	10.1	11.3	9.8



	Permissible Limit	Sep-20 Max.	Sep-20 Min.	Aug-20 Max.	Aug-20 Min.	Jul-20 Max.	Jul-20 Min.	Jun-20 Max.	Jun-20 Min.	May-20 Max.	May-20 Min.	Apr-20 Max.	Apr-20 Min.
CO (µg/m3)	2000	255	210	255	202	1020	1010	1040	1010	1020	1010	0	0



	Permissible Limit	Sep-20 Max.	Sep-20 Min.	Aug-20 Max.	Aug-20 Min.	Jul-20 Max.	Jul-20 Min.	Jun-20 Max.	Jun-20 Min.	May-20 Max.	May-20 Min.	Apr-20 Max.	Apr-20 Min.
Total VOC (µg/m3)	0	0.5	0.2	0.3	0.2	0	0	0	0	0	0	0	0

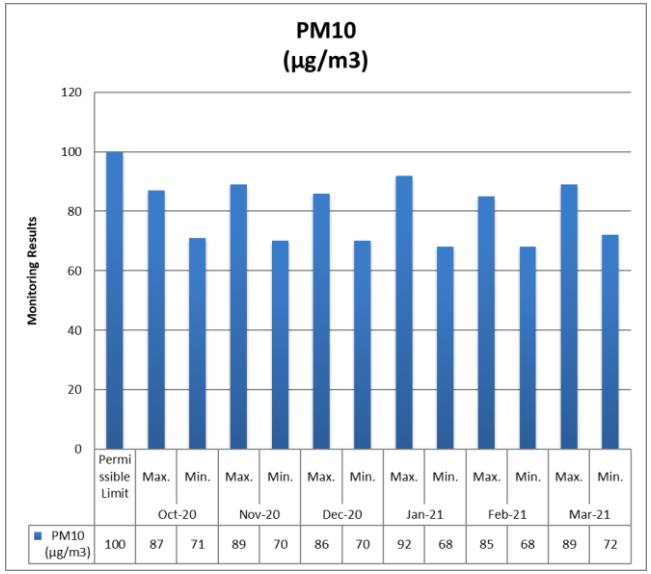
2.2. Ambient Air Quality Monitoring Data, SEZ-II, Admin Building (October 2020 to March 2021)

For M/s. Dahej SEZ Limited (SEZ Developer)

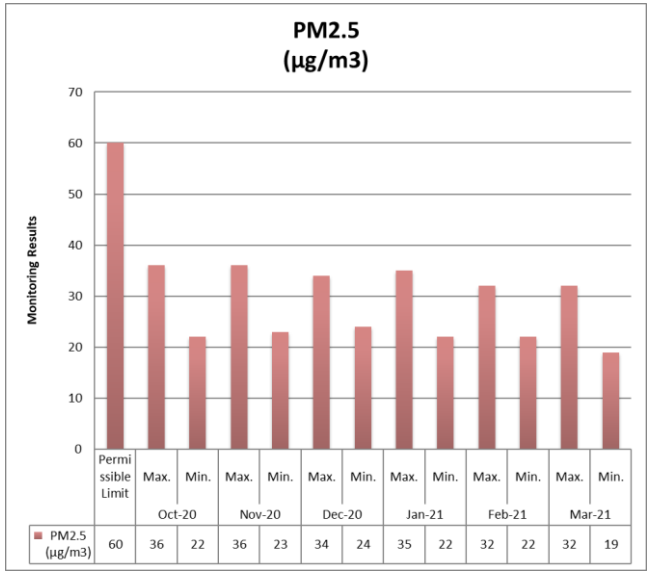
Location: SEZ-II, Admin Building Latitude: 21.6866532 N Longitude: 72.5548602 E	Period: October 2020 to March 2021 Instrument: PM10 & PM2.5 COMBO SAMPLER (Sr. No. 200604139) [During October 2020 to March 2021]

Month	Max./Min.	PM_{10} ($\mu g/m^3$)	$PM_{2.5}$ ($\mu g/m^3$)	SO_2 ($\mu g/m^3$)	NO_X ($\mu g/m^3$)	CO ($\mu g/m^3$)	Total VOC as Isobutylene (ppm)
October 2020	Max.	87	36	32	29	452	2.6
	Min.	71	22	18	11	254	0.8
November 2020	Max.	89	36	29	25	452	1.2
	Min.	70	23	12	12	295	0.6
December 2020	Max.	86	34	24	16	386	1.6
	Min.	70	24	12	9	234	0.8
January 2021	Max.	92	35	25	18	375	1.2
	Min.	68	22	11	8	274	0.5
February 2021	Max.	85	32	25	18	327	1.3
	Min.	68	22	8.6	8	275	0.8
March 2021	Max.	89	32	23	20	386	1.2
	Min.	72	19	12	9	239	0.4
Max.		**92**	**36**	**32**	**29**	**452**	**2.6**
Min.		**68**	**19**	**8.6**	**8**	**234**	**0.4**

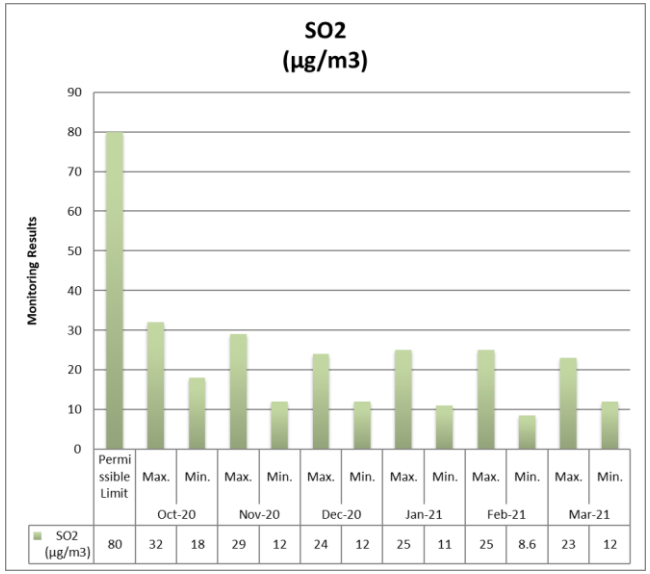
Parameter wise Graphical Representation of Ambient Air Quality at SEZ-II, Admin Building



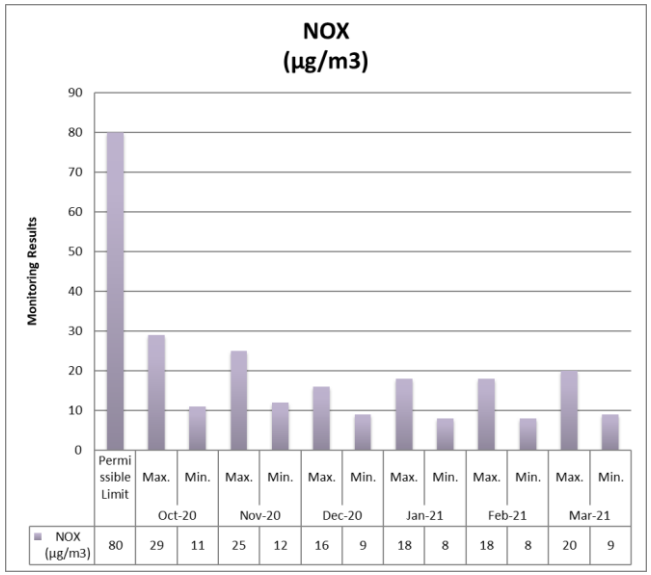
	Permissible Limit	Oct-20 Max.	Oct-20 Min.	Nov-20 Max.	Nov-20 Min.	Dec-20 Max.	Dec-20 Min.	Jan-21 Max.	Jan-21 Min.	Feb-21 Max.	Feb-21 Min.	Mar-21 Max.	Mar-21 Min.
PM10 (µg/m3)	100	87	71	89	70	86	70	92	68	85	68	89	72



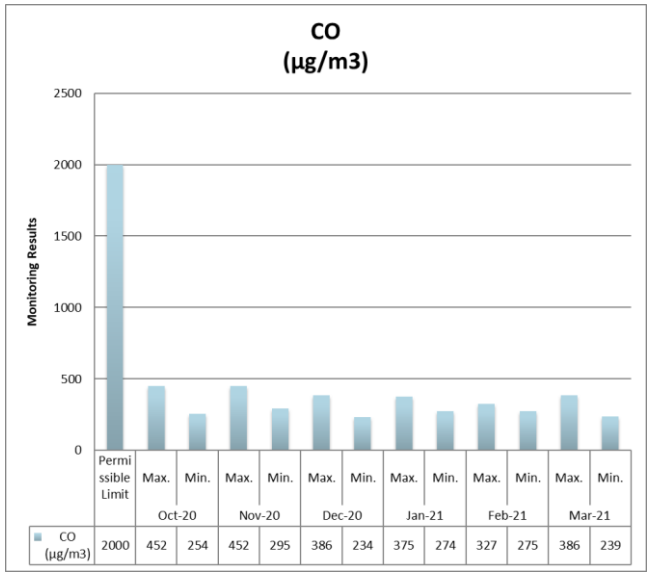
	Permissible Limit	Oct-20 Max.	Oct-20 Min.	Nov-20 Max.	Nov-20 Min.	Dec-20 Max.	Dec-20 Min.	Jan-21 Max.	Jan-21 Min.	Feb-21 Max.	Feb-21 Min.	Mar-21 Max.	Mar-21 Min.
PM2.5 (µg/m3)	60	36	22	36	23	34	24	35	22	32	22	32	19



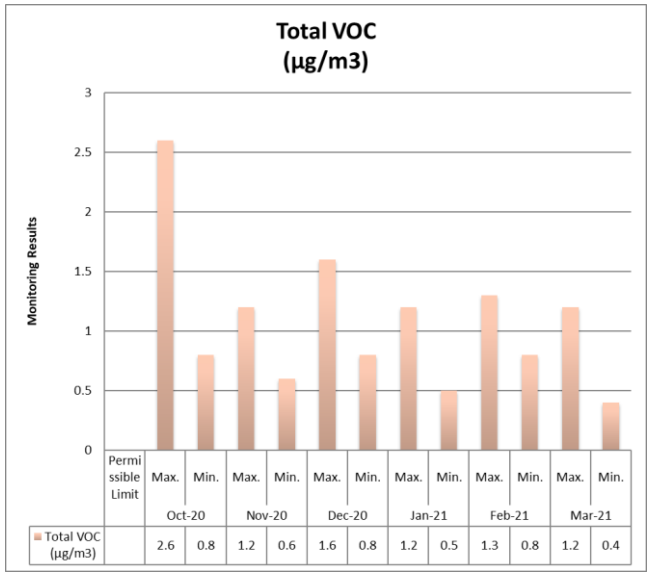
	Permissible Limit	Oct-20 Max.	Oct-20 Min.	Nov-20 Max.	Nov-20 Min.	Dec-20 Max.	Dec-20 Min.	Jan-21 Max.	Jan-21 Min.	Feb-21 Max.	Feb-21 Min.	Mar-21 Max.	Mar-21 Min.
SO2 (µg/m3)	80	32	18	29	12	24	12	25	11	25	8.6	23	12



	Permissible Limit	Oct-20 Max.	Oct-20 Min.	Nov-20 Max.	Nov-20 Min.	Dec-20 Max.	Dec-20 Min.	Jan-21 Max.	Jan-21 Min.	Feb-21 Max.	Feb-21 Min.	Mar-21 Max.	Mar-21 Min.
NOX (µg/m3)	80	29	11	25	12	16	9	18	8	18	8	20	9



	Permissible Limit	Oct-20 Max.	Oct-20 Min.	Nov-20 Max.	Nov-20 Min.	Dec-20 Max.	Dec-20 Min.	Jan-21 Max.	Jan-21 Min.	Feb-21 Max.	Feb-21 Min.	Mar-21 Max.	Mar-21 Min.
CO (µg/m3)	2000	452	254	452	295	386	234	375	274	327	275	386	239



	Permissible Limit	Oct-20 Max.	Oct-20 Min.	Nov-20 Max.	Nov-20 Min.	Dec-20 Max.	Dec-20 Min.	Jan-21 Max.	Jan-21 Min.	Feb-21 Max.	Feb-21 Min.	Mar-21 Max.	Mar-21 Min.
Total VOC (µg/m3)		2.6	0.8	1.2	0.6	1.6	0.8	1.2	0.5	1.3	0.8	1.2	0.4

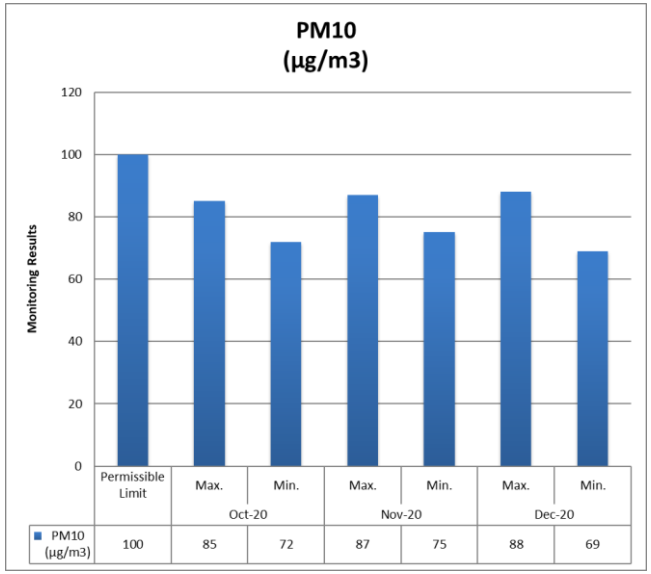
2.3. Ambient Air Quality Monitoring Data, SEZ-I, Pond (October 2020 to December 2020)

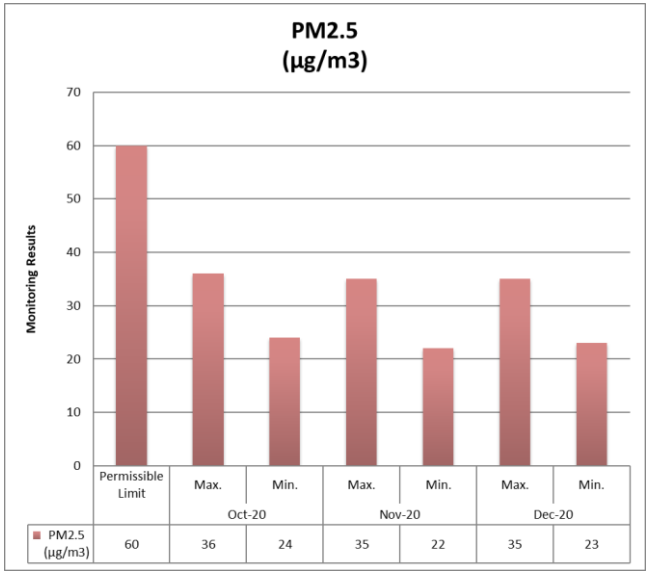
For M/s. Dahej SEZ Limited (SEZ Developer)

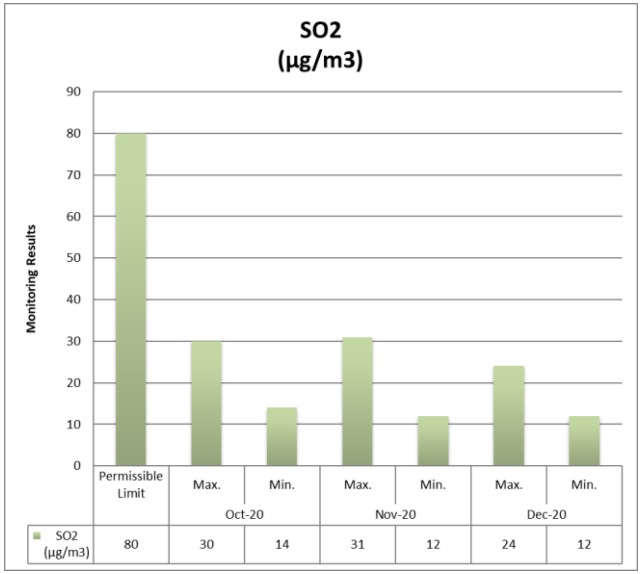
Location: SEZ-I, Pond Latitude: 21.6984606 N, Longitude: 72.6313318 E	**Period: October 2020 to December 2020** **Instrument: PM10 and PM 2.5 (Combo Sampler) Sr. No. 200604138**

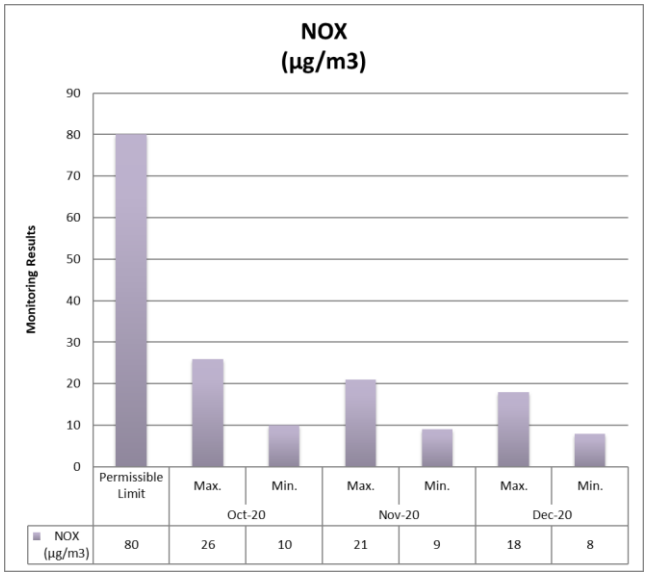
Month	**Max./Min.**	**PM_{10} ($\mu g/m^3$)**	**$PM_{2.5}$ ($\mu g/m^3$)**	**SO_2 ($\mu g/m^3$)**	**NO_X ($\mu g/m^3$)**	**CO ($\mu g/m^3$)**	**Total VOC as Isobutylene (ppm)**
October 2020	Max.	85	36	30	26	612	3.0
	Min.	72	24	14	10	216	0.6
November 2020	Max.	87	35	31	21	426	1.5
	Min.	75	22	12	9	289	0.6
December 2020	Max.	88	35	24	18	376	1.5
	Min.	69	23	12	8	274	0.8
Max.		**88**	**36**	**31**	**26**	**612**	**3**
Min.		**69**	**22**	**12**	**8**	**216**	**0.6**

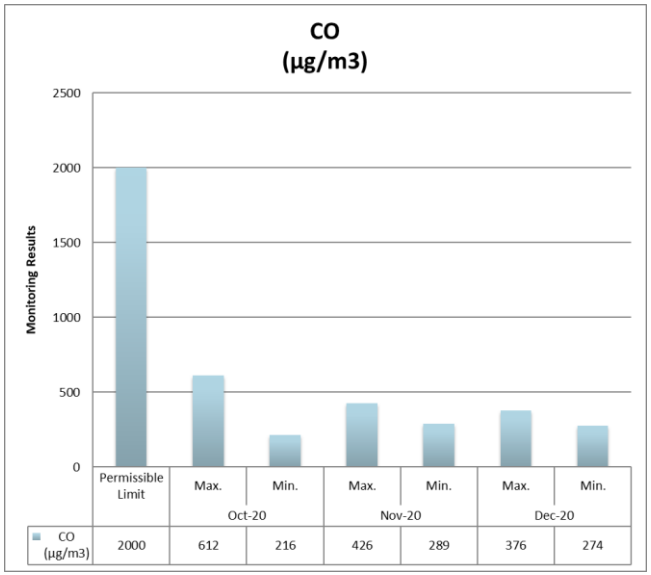
Parameter wise Graphical Representation of Ambient Air Quality at SEZ-I, Pond

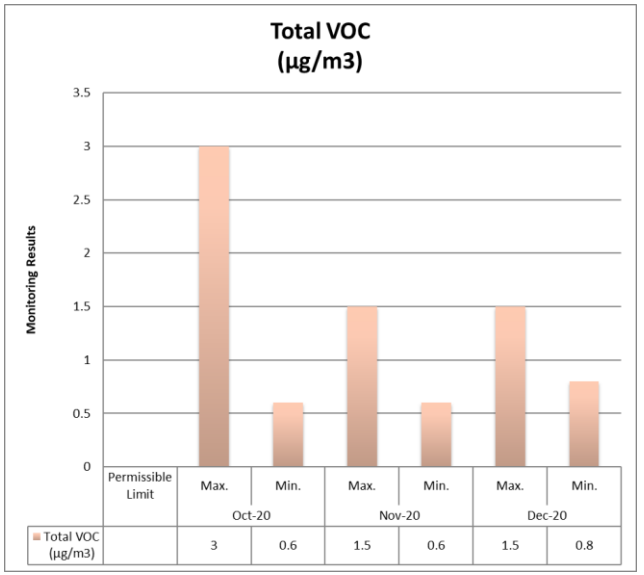












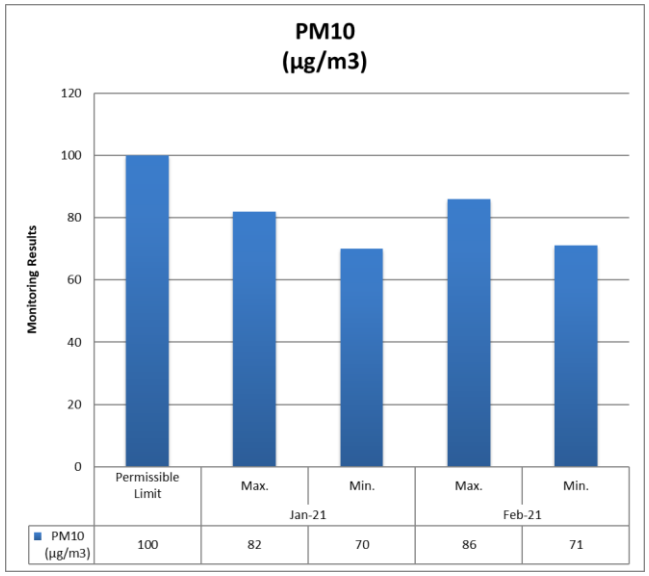
2.4. Ambient Air Quality Monitoring Data, SEZ-I, Fire Station (January 2021 to March 2021)

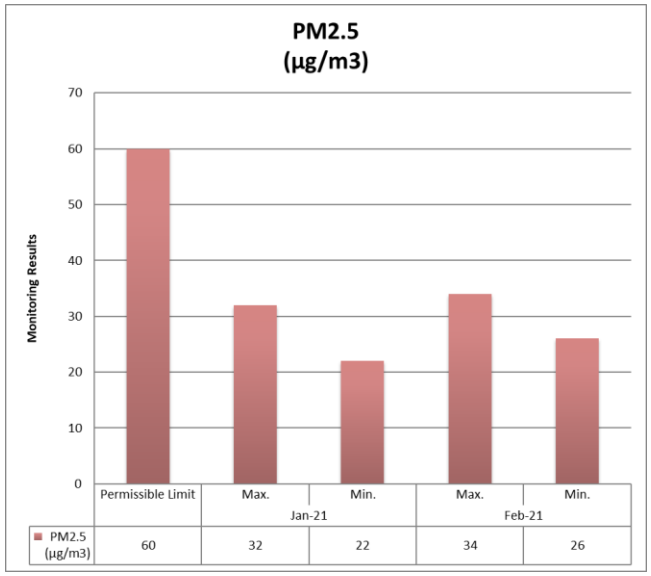
For M/s. Dahej SEZ Limited (SEZ Developer)

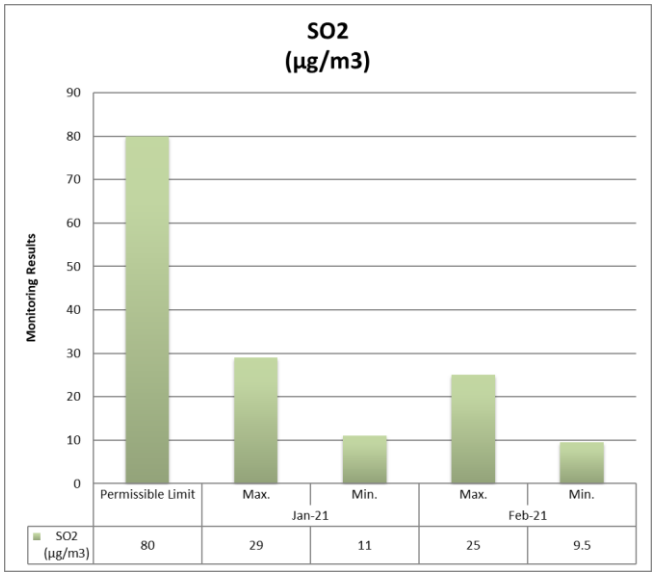
Location: SEZ-I, At Fire Station Latitude: 21.6984606 N Longitude: 72.6313318 E	Period: January 2021 to March 2021 Instrument: PM10 and PM 2.5 (Combo Sampler) Sr. No. 200604138

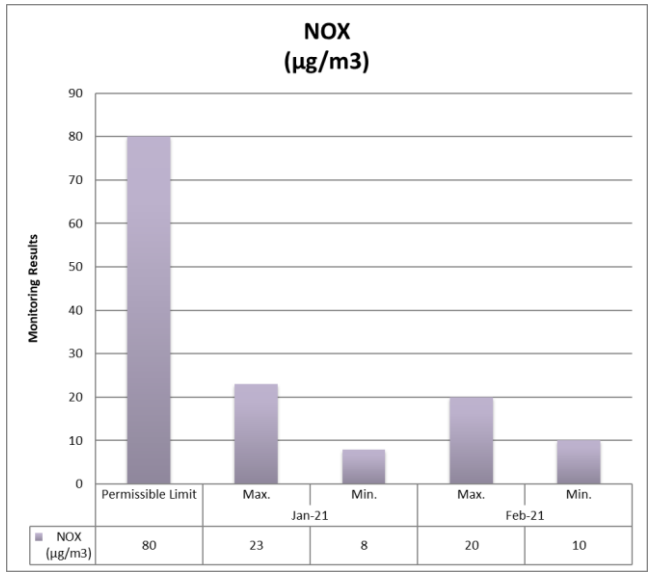
Month	Max./Min.	PM_{10} ($\mu g/m^3$)	$PM_{2.5}$ ($\mu g/m^3$)	SO_2 ($\mu g/m^3$)	NO_X ($\mu g/m^3$)	CO ($\mu g/m^3$)	Total VOC as Isobutylene (ppm)
January 2021	Max.	82	32	29	23	369	1.2
	Min.	70	22	11	8	262	0.8
February 2021	Max.	86	34	25	20	375	1.4
	Min.	71	26	9.5	10	245	0.6
March 2021	Max.	88	34	20	18	350	1.2
	Min.	65	22	11	6	215	0.5
Max.		**86**	**34**	**29**	**23**	**375**	**1.4**
Min.		**70**	**22**	**9.5**	**8**	**245**	**0.5**

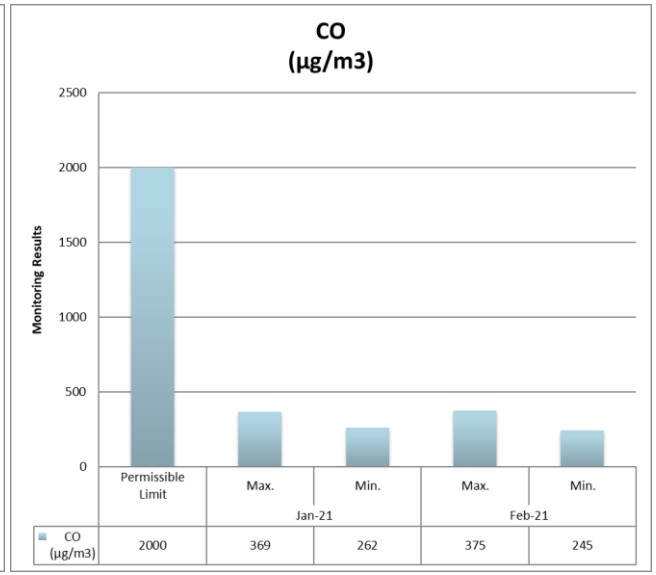
Parameter wise Graphical Representation of Ambient Air Quality at SEZ-I, Fire Station

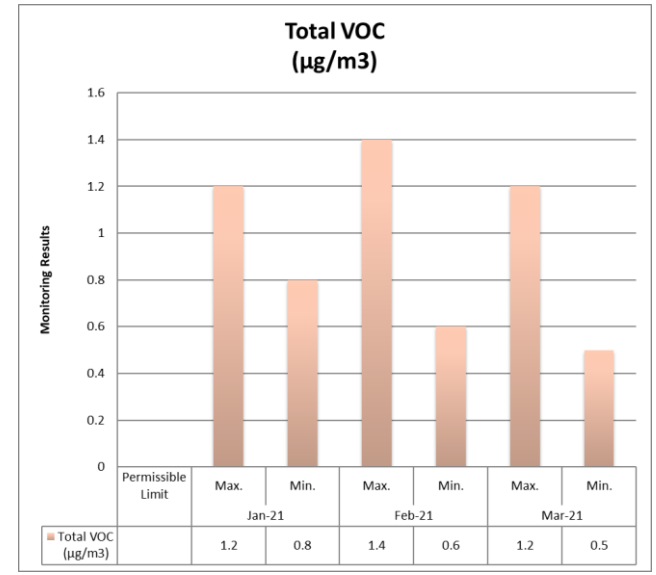




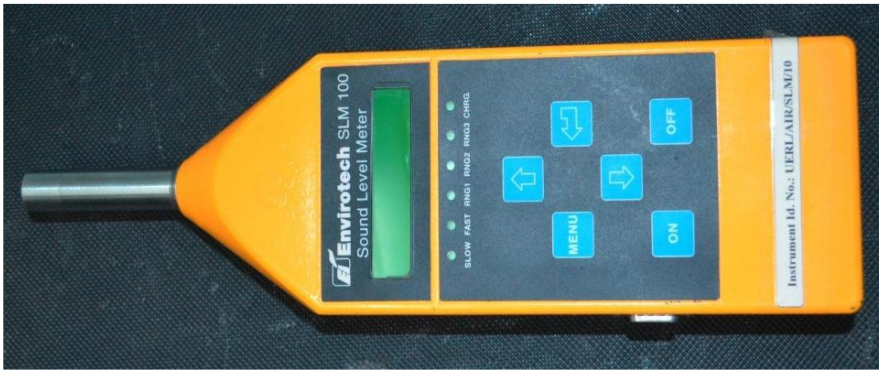








3. NOISE LEVEL MONITORING REPORT



Period: October 2020 to March 2021

FOR

DAHEJ SEZ LIMITED

M/s. Dahej SEZ Ltd. (SEZ Developer)

Located at
Dahej SEZ Part - I
At & Post: Dahej, Taluka – Vagra,
Dist. Bharuch – 392 140, Gujarat

3.1. Ambient Noise Level Monitoring Data (October 2020 to March 2021)

For M/s. Dahej SEZ Limited (SEZ Developer)

Period: October 2020 to March 2021	Sampling Method : IS 9989-1981(Reaffirmed 2001)

Month	Max./Min.	SEZ- 1 (Nr. Admin)		SEZ- 2 (Nr. Admin)		SEZ- 1 (Pumping Station)		SEZ- 2 (Pumping Station)	
		Day time	Night time	Day time	Night time	Day time	Night time	Day time	Night time
October 2020	Max.	70.0	58.0	67.0	58.0	72.0	65.0	72.0	65.0
	Min.	65.0	52.0	59.0	49.0	66.0	58.0	65.0	58.0
November 2020	Max.	72.0	59.0	69.0	62.0	71.0	66.0	70.0	66.0
	Min.	64.0	52.0	60.0	55.0	66.0	59.0	64.0	57.0
December 2020	Max.	70.0	61.0	71.0	63.0	73.0	64.0	72.0	65.0
	Min.	65.0	53.0	64.0	56.0	65.0	57.0	64.0	58.0
January 2021	Max.	69.0	65.0	71.0	66.0	72.0	66.0	72.0	64.0
	Min.	65.0	56.0	64.0	57.0	64.0	57.0	66.0	58.0
February 2021	Max.	71.0	67.0	73.0	65.0	74.0	67.0	73.0	68.0
	Min.	64.0	56.0	66.0	55.0	65.0	58.0	65.0	57.0
March 2021	Max.	70.0	68.0	72.0	66.0	72.0	66.0	73.0	66.0
	Min.	63.0	57.0	60.0	58.0	66.0	57.0	65.0	58.0
Max.		**72**	**68**	**73**	**66**	**74**	**67**	**73**	**68**
Min.		**63**	**52**	**59**	**49**	**64**	**57**	**64**	**57**
Permissible Limit Day Time		**<75 (6:00 am to 10:00 pm)**							
Permissible Limit Night Time		**<70 (10:00 pm to 6:00 am)**							

Graphical Representation of Ambient Noise Quality

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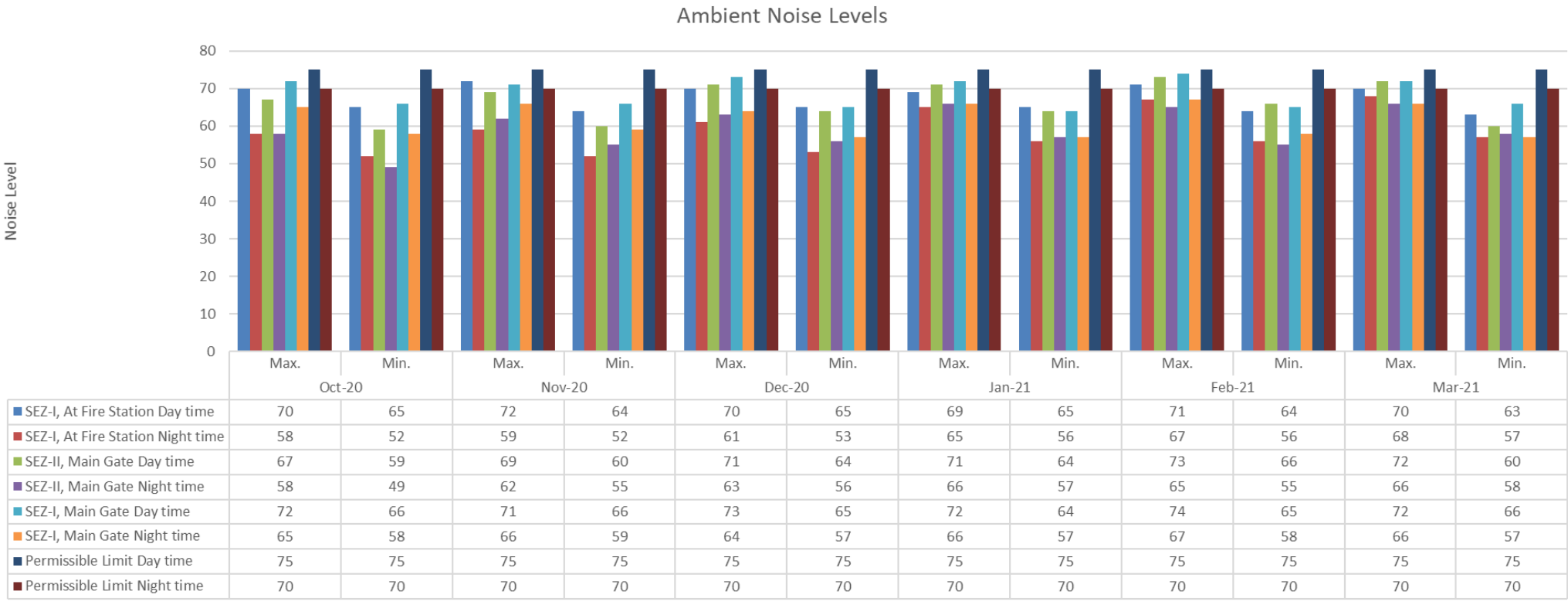


	Oct-20		Nov-20		Dec-20		Jan-21		Feb-21		Mar-21	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
SEZ-I, At Fire Station Day time	70	65	72	64	70	65	69	65	71	64	70	63
SEZ-I, At Fire Station Night time	58	52	59	52	61	53	65	56	67	56	68	57
SEZ-II, Main Gate Day time	67	59	69	60	71	64	71	64	73	66	72	60
SEZ-II, Main Gate Night time	58	49	62	55	63	56	66	57	65	55	66	58
SEZ-I, Main Gate Day time	72	66	71	66	73	65	72	64	74	65	72	66
SEZ-I, Main Gate Night time	65	58	66	59	64	57	66	57	67	58	66	57
Permissible Limit Day time	75	75	75	75	75	75	75	75	75	75	75	75
Permissible Limit Night time	70	70	70	70	70	70	70	70	70	70	70	70

4. WATER QUALITY MONITORING REPORT

Period: October 2020 to March 2021

FOR

DAHEJ SEZ LIMITED

M/s. Dahej SEZ Ltd. (SEZ Developer)

Located at
Dahej SEZ Part - I
At & Post: Dahej, Taluka – Vagra,
Dist. Bharuch – 392 140, Gujarat

4.1. Ground Water Quality Monitoring Data (October 2020 to March 2021)

For M/s. Dahej SEZ Limited (SEZ Developer)

Ground Water Sample		Month	October 2020			November 2020		December 2020		January 2021		February 2021		March 2021	
		Date of Sampling	31/10/2020	31/10/2020	31/10/2020	06/11/20	24/11/20	12/12/20	19/12/20	16/01/21	25/01/21	08/02/21	13/02/21	06/03/21	16/03/21
Location			Ambheta	Suva	Luvara	Lakhigam	Dahej	Ambheta	Suva	Dahej	Suva	Ambheta	Lakhigam	Suva	Luvara
S. No.	Test Parameters	Unit	Result												
01.	Temperature	°C	32	30	33	30	31	28	30	28	28	29	29	31	d
02.	pH @ 25°C	pH unit	7.65	8.18	8.45	8.25	7.85	7.75	7.65	7.98	8.25	8.12	7.86	7.86	8.16
03.	Colour	Pt. Co. Scale	BDL (DL-5)	BDL (DL-5)	BDL (DL-5)	BDL (DL- 5)	BDL (DL- 5)	BDL (DL- 5)	BDL (DL- 5)	BDL (DL- 5)	BDL (DL- 5)	BDL (DL- 5)	BDL (DL- 5)	BDL (DL- 5)	BDL (DL- 5)
04.	Odour	-	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
05.	Turbidity	NTU	0.5	0.8	1.8	0.6	0.5	0.8	0.8	1.2	0.9	1.0	1.3	0.6	0.8
06.	TDS	mg/L	456	425	1045	456	752	956	584	1241	425	1425	875	1365	1145
07.	Total Alkalinity	mg/L	165	132	389	256	145	275	164	345	142	429	118	386	135
08.	Chloride	mg/L	75	70	385	85	96	120	45	175	86	236	95	275	145
09.	Sulphate	mg/L	26	28	78	25	15	65	26	120	72	89	52	56	35
10.	Nitrate	mg/L	1.2	1.0	1.2	1.0	1.2	1.5	2.5	1.8	1.5	1.2	1.8	1.0	1.1
11.	Calcium	mg/L	46	39	72	128	112	136	86	124	106	112	98	145	85
12.	Magnesium	mg/L	22	25	58	25	18	42	24	58	35	52	46	42	57
13.	Fluoride	mg/L	0.4	0.4	0.4	0.5	0.2	0.7	0.5	0.8	0.8	0.6	0.7	0.8	0.9
14.	Phenolic compound	mg/L	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
15.	Residual chlorine	mg/L	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
16	Iron	mg/L	0.06	0.04	0.3	0.03	0.06	0.07	0.07	0.03	0.05	0.08	0.06	0.06	0.06
17	Zinc	mg/L	0.10	0.15	0.12	0.11	0.10	0.25	0.6	0.20	0.2	0.07	0.06	0.05	0.03

Note: BDL=Below Detection Limit**, DL=** Detection Limit

4.2. Surface Water Quality Monitoring Data (October 2020 to December 2020)

For M/s. Dahej SEZ Limited (SEZ Developer)

Surface Water Sample	Month	October 2020			November 2020			December 2020		
	Date of Sampling	06/10/20	09/10/20	31/10/20	06/11/20	24/11/20	27/11/20	12/12/20	19/12/20	26/12/20
Location		Nr. Neogen	Opp. Indofil	Nr. Meghmani Unichem LLP.	Nr.Firmenich Aeromatics Production Pvt. Ltd	Nr.Camlin Finechem	Nr. Accent Microcell	Nr.Neogen Chemical Ltd.	Opp. Indofil Industries Ltd.	Nr. Meghmani Unichem LLP.
S. No.	Test Parameters	Unit	Result							
01.	Temperature	°C	35	33	30	32	30	29	30	30	29
02.	pH @ 25°C	pH unit	8.15	7.82	8.25	7.58	7.75	7.75	7.75	7.45	7.70
03.	Colour	Pt. Co. Scale	45	8	11	35	10	15	25	12	12
04.	Odour	-	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
05.	Turbidity	NTU	155	28.5	32.2	45	15.4	24	62	17	36
06.	TDS	mg/L	300	1644	1528	582	1175	847	825	1245	785
07.	Total Alkalinity	mg/L	BDL (DL-25)	421	486	BDL (DL-25)	235	312	BDL (DL-25)	245	275
08.	Chloride	mg/L	526	327	625	260	345	385	195	185	245
09.	Sulphate	mg/L	275	666	142	89	580	245	36	247	175
10.	Nitrate	mg/L	22	1.2	2.0	5.3	1.9	2.5	4.0	3.2	2.0
11.	Calcium	mg/L	175	98	132	245	175	182	275	196	143
12.	Magnesium	mg/L	65	45	75	42	40	58	62	45	42
13.	Fluoride	mg/L	1.2	0.7	1.2	1.0	0.8	1.0	0.8	0.7	0.4
14.	Phenolic compound	mg/L	0.7	BDL (DL-0.1)	BDL (DL-0.1)	0.3	BDL (DL- 0.1)	BDL (DL- 0.1)	0.3	BDL (DL- 0.1)	BDL (DL- 0.1)
15.	Residual chlorine	mg/L	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
16	Iron	mg/L	0.25	0.15	0.12	0.15	0.10	0.10	0.4	0.25	0.5
17	Zinc	mg/L	0.4	0.12	0.14	0.2	0.15	0.12	0.3	0.35	0.35
18.	COD	mg/L	45	108	75	62	75	82	92	85	63

Note: BDL=Below Detection Limit**, DL=** Detection Limit

4.3. Surface Water Quality Monitoring Data (January 2021 to February 2021)

For M/s. Dahej SEZ Limited (SEZ Developer)

Surface Water Sample	Month		January 2021				February 2021			
	Date of Sampling		04/01/21	05/01/21	04/01/21	04/01/21	04/02/21	09/02/21	09/02/21	22/02/21
Location			Opp. Ramdev	Nr. Sarju Impact Ltd.	Nr. Sigachi	Nr. Yashshvi	Opp. Thema Nutriment and Packaging Pvt. Ltd. (SEZ-1)	Nr. Opal SEZ-1	Nr. MEGHMANI ORGANIC	Nr. Tatav chintan
S. No.	Test Parameters	Unit	Result							
01.	Temperature	°C	28	28	27	28	29	29	29	30
02.	pH @ 25°C	pH unit	7.25	7.65	7.75	7.95	7.18	3.82	3.45	7.85
03.	Colour	Pt. Co. Scale	10	5	12	15	12	10	10	11
04.	Odour	-	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
05.	Turbidity	NTU	28	8	16	25	18	28	15	18
06.	TDS	mg/L	854	1410	3140	2040	3130	4912	3846	3140
07.	Total Alkalinity	mg/L	BDL (DL-25)	147	185	213	BDL (DL-25)	135	147	178
08.	Chloride	mg/L	137	58	287	254	275	1309	739	825
09.	Sulphate	mg/L	828	54	105	126	527	1990	1669	245
10.	Nitrate	mg/L	10.2	8.5	8.5	5.9	8.5	10.2	8.5	6.5
11.	Calcium	mg/L	62	88	75	95	85	72	88	76
12.	Magnesium	mg/L	22	25	30	23	36	22	25	42
13.	Fluoride	mg/L	1.0	1.5	1.2	1.0	0.4	1.0	1.5	1.5
14.	Phenolic compound	mg/L	0.6	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	0.7	BDL (DL- 0.1)	BDL	BDL (DL- 0.1)
15.	Residual chlorine	mg/L	0.6	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	0.8	BDL (DL- 0.1)	(DL- 0.1)	BDL (DL- 0.1)
16	Iron	mg/L	0.2	0.4	0.3	0.2	0.25	0.2	BDL	0.4
17	Zinc	mg/L	0.1	0.2	0.2	0.2	0.2	0.1	(DL- 0.1)	0.3
18.	COD	mg/L	44	73	252	195	68	338	0.4	165

Note: BDL=Below Detection Limit**, DL=** Detection Limit

4.4. Surface Water (Storm Water) Quality Monitoring Data (March 2021)

For M/s. Dahej SEZ Limited (SEZ Developer)

Surface Water Sample	Month		March 2021			
	Date of Sampling		03/03/21	18/03/21	23/03/21	26/03/21
Location			Nr. Indofil	Nr. Kumar Organics	Nr. Accent Microcell	Opp. Ramdev Chemical Industry
S. No.	Test Parameters	Unit	Results			
01.	Temperature	°C	29	34	33	34
02.	pH @ 25°C	pH unit	8.15	8.52	8.35	7.95
03.	Colour	Pt. Co. Scale	13	18	14	13
04.	Odour	-	Agreeable	Agreeable	Agreeable	Agreeable
05.	Turbidity	NTU	15	26	15	15
06.	TDS	mg/L	28080	35245	3190	3760
07.	Total Alkalinity	mg/L	640	176	186	168
08.	Chloride	mg/L	709	8526	386	586
09.	Sulphate	mg/L	7372	3856	176	264
10.	Nitrate	mg/L	3.0	18.2	5.6	3.8
11.	Calcium	mg/L	124	72	130	98
12.	Magnesium	mg/L	48	22	38	53
13.	Fluoride	mg/L	2.5	1.0	2.8	2.3
14.	Phenolic compound	mg/L	0.6	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
15.	Residual chlorine	mg/L	0.9	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
16	Iron	mg/L	0.45	0.2	0.8	0.8
17	Zinc	mg/L	0.6	0.1	0.6	0.6
18.	COD	mg/L	218	**7481**	564	286

Note: BDL=Below Detection Limit**, DL=** Detection Limit

4.5. Marine Water Quality Monitoring Data (October 2020 to November 2020)

For M/s. Dahej SEZ Limited (SEZ Developer)

Marine Water Sample	Month		October 2020				November 2020			
	Date of Sampling		31/10/20		31/10/20		24/11/20		27/11/20	
Location			Lakhigam		Jageshwar		Suva		Ambheta	
			High Tide	Low Tide	High Tide	Low Tide	High Tide	Low Tide	High Tide	Low Tide
S. No.	Test Parameters	Unit	Result							
01.	Temperature	^{0}C	26	27	26.5	27.2	26	28	27.5	28.2
02.	pH at 25^{0}C	pH Unit	8.35	8.25	8.42	8.25	8.45	8.20	8.25	7.95
03.	Turbidity	NTU	42	34	38	28	48	32	35	30
04.	Total Suspended Solids	mg/L	135	124	126	115	148	122	135	98
05.	BOD	mg/L	BDL (DL-2)	BDL (DL-2)	BDL (DL-2)	BDL (DL-2)	BDL (DL-2)	BDL (DL-2)	BDL (DL-2)	BDL (DL-2)
06.	Ammonical Nitrogen	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
07.	Salinity	ppt	34.2	34.8	33.9	32.9	38.2	28.6	38.5	29.5
08.	Dissolved Oxygen	mg/L	6.5	5.4	5.8	5.2	6.8	5.2	5.8	4.8
09.	Total Nitrogen	mg/L	0.65	0.32	0.48	0.32	0.69	0.28	0.52	0.42
10.	Dissolved Phosphate	mg/L	0.20	0.09	0.09	0.07	0.4	0.1	0.08	0.04
11.	Nitrate	mg/L	0.25	0.15	0.25	0.15	0.30	0.19	0.30	0.19
12.	Nitrite	mg/L	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)
13.	Phenol	mg/L	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)
14.	PHC	Microgram/L	16	11	15	11	18	12	16	10

Note: BDL=Below Detection Limit**, DL=** Detection Limit

4.6. Marine Water Quality Monitoring Data (December 2020 to January 2021)

For M/s. Dahej SEZ Limited (SEZ Developer)

Marine Water Sample	Month	December 2020				January 2021			
	Date of Sampling	26/12/20		26/12/20		13/01/2021		25/01/2021	
Location		Lakhigam		Jageshwar		Jageshwar		Suva	
		High Tide	Low Tide	High Tide	Low Tide	High Tide	Low Tide	High Tide	Low Tide
S. No.	Test Parameters	Unit	Result							
01.	Temperature	^{0}C	28	28	28.2	27.2	28	28	28	28
02.	pH at 25^{0}C	pH Unit	8.54	8.40	8.45	7.85	8.25	8.45	8.25	7.45
03.	Turbidity	NTU	42	30	39	34	40	32	35	32
04.	Total Suspended Solids	mg/L	245	175	210	113	375	188	242	135
05.	BOD	mg/L	BDL (DL-2)	BDL (DL-2)	BDL (DL-2)	BDL (DL-2)	BDL (DL-2)	BDL (DL-2)	BDL (DL-2)	BDL (DL-2)
06.	Ammonical Nitrogen	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
07.	Salinity	ppt	45.2	38.2	36.6	26.4	46.5	42.5	36.2	28.5
08.	Dissolved Oxygen	mg/L	7.5	6.8	5.4	4.3	7.2	6.7	6.2	5.6
09.	Total Nitrogen	mg/L	0.72	0.35	0.45	0.25	0.86	0.42	0.75	0.60
10.	Dissolved Phosphate	mg/L	0.6	0.3	0.07	0.05	0.9	0.6	0.08	0.04
11.	Nitrate	mg/L	0.75	0.35	0.38	0.23	0.78	0.62	0.62	0.48
12.	Nitrite	mg/L	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)
13.	Phenol	mg/L	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)
14.	PHC	Microgram/L	17	14	18	11	19	15	16	12

Note: BDL=Below Detection Limit**, DL=** Detection Limit

4.7. Marine Water Quality Monitoring Data (February 2021)

For M/s. Dahej SEZ Limited (SEZ Developer)

Marine Water Sample		Month	February 2021			
		Date of Sampling	18/02/21		Lakhigam	
Location			Ambheta		23/02/21	
			High Tide	Low Tide	High Tide	Low Tide
S. No.	Test Parameters	Unit	Result			
01.	Temperature	^{0}C	28	28	29	29
02.	pH at 25^{0}C	pH Unit	8.21	8.05	8.28	8.12
03.	Turbidity	NTU	49	32	33	27
04.	Total Suspended Solids	mg/L	375	210	232	162
05.	BOD	mg/L	BDL (DL-2)	BDL (DL-2)	BDL (DL-2)	BDL (DL-2)
06.	Ammonical Nitrogen	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
07.	Salinity	ppt	34.5	33	35	34
08.	Dissolved Oxygen	mg/L	4.8	4.7	5.0	4.7
09.	Total Nitrogen	mg/L	0.85	0.42	0.83	0.58
10.	Dissolved Phosphate	mg/L	0.07	0.06	0.07	0.04
11.	Nitrate	mg/L	0.76	0.62	0.96	0.72
12.	Nitrite	mg/L	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)
13.	Phenol	mg/L	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)	BDL (DL-0.1)
14.	PHC	Microgram/L	15	11	22	16

Note: BDL=Below Detection Limit**, DL=** Detection Limit

4.8. Wastewater Monitoring Data (M/s. Accent Microcell Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	10/10/20	27/10/20	06/11/20	24/11/20	03/12/20	17/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	35	32	30	28	29	28
02.	pH at 25^{0}C	pH unit	7.65	7.95	7.52	7.52	7.55	7.15
03.	Total Suspended Solids (TSS)	mg/L	18	32	36	34	38	54
04.	Chloride	mg/L	4768	1674	1426	255	2260	2600
05.	Sulphate	mg/L	4948	63	85	54	81	162
06.	Oil & grease	mg/L	1.4	1.5	1.0	2.5	1.0	1.0
07.	Fluoride	mg/L	0.5	0.5	0.4	0.6	0.8	0.6
08.	Sulphide	mg/L	0.7	0.8	0.3	1.0	0.4	0.7
09.	Ammonical Nitrogen	mg/L	8.5	3.2	5.6	4.3	3.2	3.5
10.	Total Kjeldahl Nitrogen	mg/L	13.5	9.5	12.6	15.8	13.2	10.2
11.	Free Ammonia	mg/L	0.30	0.4	0.50	0.45	0.40	0.42
12.	Copper	mg/L	0.06	0.05	0.05	0.05	0.04	0.03
13.	Zinc	mg/L	0.15	0.4	0.52	0.25	0.45	0.15
14.	BOD 3 days at 27^{0}C	mg/L	16	40	52	42	48	72
15.	COD	mg/L	55	111	125	89	136	245
16	Total Residual Chlorine	mg/L	0.2	0.2	0.2	0.4	0.2	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.05	0.07	0.04	0.02	0.06	0.04
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.1	0.8	0.3	0.3	0.1	0.5
22.	Total Chromium	mg/L	0.2	0.6	0.6	0.5	0.2	0.6
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.6	0.5	0.5	0.6	0.5
26.	Iron	mg/L	0.9	0.5	0.6	0.2	0.5	0.2
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.2	2.0	2.6	1.5	2.0	2.0

4.9. Wastewater Monitoring Data (M/s. Accent Microcell Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021										
Wastewater Samples		Month	January 2021		February 2021			March 2021		
		Date of Sampling	07/01/21	19/01/21	01/02/21	15/02/21	23/02/21	02/03/21	12/03/21	23/03/21
S. No.	Test Parameters	Unit	Result							
01.	Temperature	^{0}C	28	29	29	29	30	36	31	32
02.	pH at 25^{0}C	pH unit	7.45	7.85	7.61	7.48	7.82	7.35	7.45	7.96
03.	Total Suspended Solids (TSS)	mg/L	35	26	29	64	46	42	26	28
04.	Chloride	mg/L	1845	325	374	2074	958	1485	412	526
05.	Sulphate	mg/L	135	175	162	326	296	68	208	315
06.	Oil & grease	mg/L	2.5	1.0	0.8	2.8	2.9	1.5	1.2	2.2
07.	Fluoride	mg/L	0.4	0.6	0.7	1.2	1.2	0.7	0.5	0.7
08.	Sulphide	mg/L	0.3	0.3	0.9	0.9	0.9	4.8	1.2	0.9
09.	Ammonical Nitrogen	mg/L	5.2	2.5	2.6	11.5	4.6	2.8	2.5	2.8
10.	Total Kjeldahl Nitrogen	mg/L	4.2	2.5	1.6	2.3	1.4	1.5	1.3	1.2
11.	Free Ammonia	mg/L	0.68	0.45	0.48	0.58	0.69	0.79	0.34	0.39
12.	Copper	mg/L	0.03	0.02	BDL (DL- 0.05)	0.05	0.06	0.08	0.08	0.05
13.	Zinc	mg/L	0.45	0.24	0.52	0.84	0.45	0.45	0.26	0.16
14.	BOD 3 days at 27^{0}C	mg/L	55	33	34	78	68	52	32	38
15.	COD	mg/L	153	90	86	244	195	145	89	108
16	Total Residual Chlorine	mg/L	0.2	0.2	0.5	0.2	0.4	0.4	0.6	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.04	0.03	0.06	0.05	0.03	0.04	0.02	0.05
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.4	0.5	0.4	0.2	0.3	0.3	0.3	0.3
22.	Total Chromium	mg/L	0.4	0.8	0.5	0.6	0.5	0.6	0.5	0.7
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.3	0.4	0.9	0.2	0.4	0.2	0.2	0.7
26.	Iron	mg/L	0.5	0.6	0.7	0.4	0.5	0.5	0.34	0.2
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	4.2	1.5	0.9	2.4	2.6	1.9	1.8	2.6

4.10. Wastewater Monitoring Data (M/s. Meghmani Organics Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	05/10/20	15/10/20	06/11/20	24/11/20	05/12/20	17/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	34	33	31	29	29	29
02.	pH at 25^{0}C	pH unit	7.55	7.92	7.45	7.85	7.85	7.65
03.	Total Suspended Solids (TSS)	mg/L	20	42	54	54	58	22
04.	Chloride	mg/L	367	232	610	247	775	775
05.	Sulphate	mg/L	193	567	874	303	1036	415
06.	Oil & grease	mg/L	0.9	2.1	1.6	1.5	2.0	1.0
07.	Fluoride	mg/L	0.6	0.7	0.8	0.8	0.6	0.5
08.	Sulphide	mg/L	1.5	1.4	0.3	0.8	0.5	0.6
09.	Ammonical Nitrogen	mg/L	15.3	10.2	8.2	3.5	1.0	2.3
10.	Total Kjeldahl Nitrogen	mg/L	18.6	13.8	17.6	16.5	8.5	9.5
11.	Free Ammonia	mg/L	0.19	0.18	0.45	0.40	0.56	0.65
12.	Copper	mg/L	0.06	0.06	0.04	0.06	0.07	0.05
13.	Zinc	mg/L	0.5	0.20	0.40	0.30	0.45	0.20
14.	BOD 3 days at 27^{0}C	mg/L	59	35	73	69	72	28
15.	COD	mg/L	225	193	188	170	195	77
16	Total Residual Chlorine	mg/L	0.1	0.3	0.3	0.2	0.3	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.05	0.06	0.05	0.02	0.02	0.06
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.2	0.2	0.2	0.3	0.6	0.1
22.	Total Chromium	mg/L	0.2	0.6	0.7	0.7	0.7	0.4
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.5	0.4	0.3	0.4	0.2	0.3
26.	Iron	mg/L	0.6	0.7	0.7	0.4	0.5	0.6
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	2.2	1.8	1.5	2.0	2.4	2.5

4.11. Wastewater Monitoring Data (M/s. Meghmani Organics Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021										
Wastewater Samples		Month	January 2021		February 2021			March 2021		
		Date of Sampling	06/01/21	19/01/21	01/02/21	09/02/21	26/02/21	03/03/21	12/03/21	18/03/21
S. No.	Test Parameters	Unit	Result							
01.	Temperature	^{0}C	28	28	28	27	29	24	29	31
02.	pH at 25^{0}C	pH unit	7.77	7.64	7.48	8.15	7.48	7.36	7.23	7.65
03.	Total Suspended Solids (TSS)	mg/L	48	21	36	70	52	52	55	58
04.	Chloride	mg/L	1119	725	946	1219	1064	1849	1025	1864
05.	Sulphate	mg/L	1257	389	538	809	574	702	85	586
06.	Oil & grease	mg/L	2.5	1.0	1.9	3.2	2.0	3.2	2.5	3.2
07.	Fluoride	mg/L	0.6	0.2	0.6	0.9	1.8	0.8	0.8	1.5
08.	Sulphide	mg/L	0.4	0.4	0.5	1.0	2.3	0.9	2.0	3.2
09.	Ammonical Nitrogen	mg/L	7.9	1.5	1.2	5.8	4.2	4.6	2.8	7.2
10.	Total Kjeldahl Nitrogen	mg/L	3.5	2.0	0.8	2.4	1.6	2.0	1.6	3.2
11.	Free Ammonia	mg/L	0.85	0.35	0.35	0.67	0.69	0.55	0.75	1.0
12.	Copper	mg/L	0.09	0.04	0.07	0.08	0.08	0.08	0.02	0.08
13.	Zinc	mg/L	0.35	0.2	0.2	0.3	0.84	0.36	0.35	0.78
14.	BOD 3 days at 27^{0}C	mg/L	68	28	52	86	61	75	78	78
15.	COD	mg/L	219	86	135	248	186	233	235	246
16	Total Residual Chlorine	mg/L	0.4	0.3	0.2	0.2	0.0.4	0.5	0.3	0.5
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.05	0.02	BDL (DL- 0.05)	0.06	BDL (DL- 0.05)	0.05	0.05	0.04
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.3	0.4	0.6	0.2	0.4	0.3	0.3	0.6
22.	Total Chromium	mg/L	0.7	0.7	0.8	0.5	0.5	0.7	0.7	0.8
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.5	0.6	0.2	0.2	0.3	0.3	0.3
26.	Iron	mg/L	0.7	0.7	0.2	0.4	0.4	0.4	0.5	0.6
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	3.5	1.8	1.5	3.8	2.2	3.4	3.0	4.8

4.12. Wastewater Monitoring Data (M/s. Rallis India Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	01/10/20	22/10/20	04/11/20	23/11/20	04/12/20	23/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	33	34	28	29	30	29
02.	pH at 25^{0}C	pH unit	7.82	7.82	8.15	7.95	8.15	8.25
03.	Total Suspended Solids (TSS)	mg/L	32	58	52	72	76	110
04.	Chloride	mg/L	129	165	185	157	525	257
05.	Sulphate	mg/L	84	125	1384	118	671	1129
06.	Oil & grease	mg/L	1.2	4.3	2.5	2.5	2.5	1.5
07.	Fluoride	mg/L	0.6	0.6	0.7	0.7	0.4	0.6
08.	Sulphide	mg/L	0.8	0.6	0.6	0.8	0.8	0.5
09.	Ammonical Nitrogen	mg/L	18.6	7.6	7.8	5.5	3.5	4.0
10.	Total Kjeldahl Nitrogen	mg/L	28.6	12.8	11.6	16.8	12.6	9.2
11.	Free Ammonia	mg/L	0.42	0.45	0.50	0.60	0.56	0.65
12.	Copper	mg/L	0.08	0.09	0.04	0.03	0.06	0.02
13.	Zinc	mg/L	0.2	0.52	0.3	0.50	0.3	0.25
14.	BOD 3 days at 27^{0}C	mg/L	114	62	76	93	98	**142**
15.	COD	mg/L	385	231	226	242	**280**	**470**
16	Total Residual Chlorine	mg/L	0.3	0.4	0.2	0.2	0.3	0.1
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.06	0.09	0.08	0.03	0.02	0.06
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.1	0.3	0.7	0.3	0.2	0.2
22.	Total Chromium	mg/L	0.3	0.6	0.5	0.8	0.2	0.4
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.3	0.3	0.5	0.3	0.5	0.8
26.	Iron	mg/L	0.9	0.2	0.2	0.4	0.2	0.4
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	2.2	BDL (DL- 2.0)	2.5	1.5	4.2	4.5

4.13. Wastewater Monitoring Data (M/s. Rallis India Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021								
Wastewater Samples		Month	January 2021		February 2021		March 2021	
		Date of Sampling	11/01/21	18/01/21	01/02/21	13/02/21	01/03/21	17/03/21
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	28	29	29	30	31	32
02.	pH at 25^{0}C	pH unit	8.13	7.91	7.85	7.75	7.72	7.80
03.	Total Suspended Solids (TSS)	mg/L	52	35	46	50	46	56
04.	Chloride	mg/L	685	475	513	625	155	523
05.	Sulphate	mg/L	745	725	589	815	776	752
06.	Oil & grease	mg/L	1.0	3.5	2.7	2.5	2.8	3.4
07.	Fluoride	mg/L	0.6	0.7	0.9	1.0	0.8	1.2
08.	Sulphide	mg/L	0.4	0.5	1.8	1.2	0.9	2.2
09.	Ammonical Nitrogen	mg/L	5.2	5.3	2.8	5.7	3.5	4.2
10.	Total Kjeldahl Nitrogen	mg/L	3.5	3.2	0.8	2.1	1.5	2.6
11.	Free Ammonia	mg/L	0.75	0.75	0.9	0.68	0.69	0.55
12.	Copper	mg/L	0.05	0.07	0.06	BDL (DL- 0.05)	0.07	0.05
13.	Zinc	mg/L	0.45	0.75	0.8	0.52	0.48	0.45
14.	BOD 3 days at 27^{0}C	mg/L	68	**63**	57	58	61	75
15.	COD	mg/L	**231**	**237**	217	196	194	240
16	Total Residual Chlorine	mg/L	0.1	0.2	0.2	0.3	0.4	0.4
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.03	0.06	0.08	BDL (DL- 0.05)	0.07	0.05
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.5	0.3	0.7	0.3	0.2	0.3
22.	Total Chromium	mg/L	0.7	0.6	0.7	0.6	0.3	0.6
23.	Nickel	mg/L	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.2	0.2	0.2	0.6	0.3
26.	Iron	mg/L	0.5	0.5	0.6	0.5	0.5	0.4
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	3.0	5.2	2.3	2.0	1.8	3.8

4.14. Wastewater Monitoring Data (M/s. Tatva Chintan Pharma Chem Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	16/10/20	31/10/20	04/11/20	26/11/20	02/12/20	18/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	33	30	28	29	29	28
02.	pH at 25^{0}C	pH unit	8.52	7.75	9.25	8.00	9.15	7.95
03.	Total Suspended Solids (TSS)	mg/L	63	18	48	52	42	32
04.	Chloride	mg/L	935	855	374	65	400	1499
05.	Sulphate	mg/L	220	233	65	625	68	159
06.	Oil & grease	mg/L	2.8	1.1	1.5	2.5	1.8	1.2
07.	Fluoride	mg/L	0.7	0.7	0.7	0.8	0.6	0.8
08.	Sulphide	mg/L	0.8	0.7	0.5	0.5	0.8	0.5
09.	Ammonical Nitrogen	mg/L	13.2	2.0	5.2	6.2	4.6	5.2
10.	Total Kjeldahl Nitrogen	mg/L	20.5	10.9	12.5	12.2	8.5	14.2
11.	Free Ammonia	mg/L	0.21	0.7	0.40	0.35	0.5	0.25
12.	Copper	mg/L	0.09	0.06	0.05	0.05	0.05	0.02
13.	Zinc	mg/L	0.6	0.3	0.20	0.35	0.35	0.25
14.	BOD 3 days at 27^{0}C	mg/L	11	16	62	65	62	45
15.	COD	mg/L	47	44	179	159	165	114
16	Total Residual Chlorine	mg/L	0.3	0.5	0.2	0.2	0.3	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.05	0.06	0.06	0.02	0.03	0.02
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.6	0.5	0.4	0.2	0.3	0.4
22.	Total Chromium	mg/L	0.6	0.4	0.5	0.7	0.5	0.6
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.3	0.4	0.3	0.3	0.7
26.	Iron	mg/L	0.8	0.2	0.3	0.5	0.3	0.4
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	3.5	2.0	2.0	3.5	2.0	1.2

4.15. Wastewater Monitoring Data (M/s. Tatva Chintan Pharma Chem Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021									
Wastewater Samples		Month	January 2021		February 2021			March 2021	
		Date of Sampling	06/01/21	22/01/21	01/02/21	15/02/21	22/02/21	05/03/21	17/03/21
S. No.	Test Parameters	Unit	Result						
01.	Temperature	^{0}C	27	28	28	28	29	30	30
02.	pH at 25^{0}C	pH unit	7.65	7.25	7.32	7.45	7.78	7.78	7.36
03.	Total Suspended Solids (TSS)	mg/L	36	34	32	56	42	24	54
04.	Chloride	mg/L	1375	1245	1135	1245	1375	1779	1547
05.	Sulphate	mg/L	176	168	189	189	215	189	328
06.	Oil & grease	mg/L	2.0	1.5	2.3	3.2	3.5	3.5	3.5
07.	Fluoride	mg/L	0.8	0.8	0.3	1.2	1.0	0.8	1.2
08.	Sulphide	mg/L	0.7	0.6	1.3	1.8	0.8	0.9	1.8
09.	Ammonical Nitrogen	mg/L	8.3	2.5	2.1	6.8	4.6	4.6	4.2
10.	Total Kjeldahl Nitrogen	mg/L	5.8	2.0	1.6	2.5	2.0	1.8	2.5
11.	Free Ammonia	mg/L	0.45	0.25	0.32	0.27	0.65	0.75	0.75
12.	Copper	mg/L	0.05	0.07	0.02	0.08	0.07	0.07	0.06
13.	Zinc	mg/L	0.25	0.25	0.26	0.74	0.48	0.48	0.36
14.	BOD 3 days at 27^{0}C	mg/L	52	38	38	62	53	68	72
15.	COD	mg/L	175	125	143	211	157	216	241
16	Total Residual Chlorine	mg/L	0.2	0.1	0.3	0.5	0.4	0.4	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.05	0.06	BDL (DL- 0.05)	0.05	BDL (DL- 0.05)	0.05	0.05
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.2	0.4	0.3	0.2	0.3	0.2	0.2
22.	Total Chromium	mg/L	0.5	0.8	0.6	0.5	0.7	0.5	0.4
23.	Nickel	mg/L	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.3	0.8	0.4	0.2	0.2	0.7
26.	Iron	mg/L	0.3	0.8	0.8	0.6	0.5	0.5	0.2
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	2.0	1.5	1.2	2.5	2.3	4.5	3.5

4.16. Wastewater Monitoring Data (M/s. Shiva Pharmachem Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020						
Wastewater Samples		Month	October 2020	November 2020	December 2020	
		Date of Sampling	05/10/20	06/11/20	05/12/20	21/12/20
S. No.	Test Parameters	Unit	Result			
01.	Temperature	^{0}C	32	29	29	29
02.	pH at 25^{0}C	pH unit	7.45	7.54	7.25	7.85
03.	Total Suspended Solids (TSS)	mg/L	11	25	28	15
04.	Chloride	mg/L	66	226	57	87
05.	Sulphate	mg/L	43	40	25	27
06.	Oil & grease	mg/L	0.8	2.5	0.5	2.0
07.	Fluoride	mg/L	0.6	0.6	0.7	0.3
08.	Sulphide	mg/L	0.5	0.5	0.4	0.6
09.	Ammonical Nitrogen	mg/L	9.5	3.2	1.5	8.5
10.	Total Kjeldahl Nitrogen	mg/L	13.2	13.5	11.5	12.5
11.	Free Ammonia	mg/L	0.25	0.55	0.45	0.55
12.	Copper	mg/L	0.07	0.03	0.04	0.03
13.	Zinc	mg/L	0.19	0.20	0.25	0.35
14.	BOD 3 days at 27^{0}C	mg/L	12	37	35	15
15.	COD	mg/L	32	82	85	35
16	Total Residual Chlorine	mg/L	0.2	0.1	0.2	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.06	0.03	0.03	0.03
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.2	0.5	0.4	0.2
22.	Total Chromium	mg/L	0.3	0.5	0.5	0.3
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.3	0.4	0.5	0.8
26.	Iron	mg/L	0.9	0.5	0.2	0.2
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	2.0	2.0	1.1	3.5

4.17. Wastewater Monitoring Data (M/s. Shiva Pharmachem Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021									
Wastewater Samples		Month	January 2021		February 2021		March 2021		
		Date of Sampling	04/01/21	08/01/21	02/02/21	09/02/21	09/03/21	12/03/21	20/03/21
S. No.	Test Parameters	Unit	Result						
01.	Temperature	^{0}C	29	29	30	29	30	28	30
02.	pH at 25^{0}C	pH unit	7.25	7.86	7.72	7.26	7.48	7.15	7.65
03.	Total Suspended Solids (TSS)	mg/L	10	21	26	58	13	42	41
04.	Chloride	mg/L	58	45	58	365	289	586	1241
05.	Sulphate	mg/L	32	32	42	269	128	38	486
06.	Oil & grease	mg/L	1.2	1.0	0.7	1.5	1.6	2.5	3.0
07.	Fluoride	mg/L	0.5	0.7	0.8	0.8	0.3	0.6	0.8
08.	Sulphide	mg/L	0.9	0.8	0.4	0.7	0.5	0.9	0.9
09.	Ammonical Nitrogen	mg/L	4.2	1.5	2.0	5.9	1.9	3.0	3.8
10.	Total Kjeldahl Nitrogen	mg/L	3.5	1.0	1.8	1.8	1.2	1.5	1.8
11.	Free Ammonia	mg/L	0.35	0.65	0.39	0.95	0.26	0.86	0.75
12.	Copper	mg/L	0.06	0.02	0.08	0.05	0.08	0.05	0.06
13.	Zinc	mg/L	0.75	0.4	0.58	0.2	0.34	0.45	0.56
14.	BOD 3 days at 27^{0}C	mg/L	22	18	28	68	18	65	57
15.	COD	mg/L	52	68	63	223	43	185	180
16	Total Residual Chlorine	mg/L	0.1	0.2	0.1	0.5	0.5	0.4	0.5
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.03	0.02	BDL (DL- 0.05)	BDL (DL- 0.05)	0.05	0.03	0.01
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.2	0.5	0.4	0.4	0.6	0.6	0.5
22.	Total Chromium	mg/L	0.4	0.7	0.5	0.5	0.8	0.7	0.8
23.	Nickel	mg/L	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.3	0.3	0.5	0.6	0.6	0.4	0.3
26.	Iron	mg/L	0.5	0.5	0.4	0.3	0.41	0.8	0.6
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.5	2.5	1.8	1.9	1.5	1.5	4.2

4.18. Wastewater Monitoring Data (M/s. Thermax Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	06/10/20	22/10/20	10/11/20	25/11/20	04/12/20	16/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	34	34	29	28	29	29
02.	pH at 25^{0}C	pH unit	7.85	7.82	8.00	7.75	7.75	8.15
03.	Total Suspended Solids (TSS)	mg/L	17	45	52	53	40	56
04.	Chloride	mg/L	1939	2179	2774	2129	1599	1150
05.	Sulphate	mg/L	962	1316	1149	763	810	540
06.	Oil & grease	mg/L	1.1	2.2	1.5	1.5	1.2	2.5
07.	Fluoride	mg/L	0.6	0.5	0.7	0.6	0.6	0.8
08.	Sulphide	mg/L	0.4	1.0	0.5	0.8	0.7	0.5
09.	Ammonical Nitrogen	mg/L	9.0	8.4	5.2	3.5	3.6	2.5
10.	Total Kjeldahl Nitrogen	mg/L	12.5	12.6	15.8	16.8	13.5	9.5
11.	Free Ammonia	mg/L	0.20	0.23	0.20	0.35	0.33	0.5
12.	Copper	mg/L	0.1	0.05	0.2	0.04	0.07	0.02
13.	Zinc	mg/L	0.3	0.45	0.25	0.2	0.20	0.3
14.	BOD 3 days at 27^{0}C	mg/L	85	28	63	67	55	70
15.	COD	mg/L	248	107	160	165	132	225
16	Total Residual Chlorine	mg/L	0.2	0.5	0.2	0.5	0.3	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.08	0.07	0.05	0.03	0.05	0.01
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.3	0.5	0.6	0.3	0.4	0.3
22.	Total Chromium	mg/L	0.5	0.5	0.5	0.6	0.5	0.6
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.2	0.3	0.3	0.3	0.7
26.	Iron	mg/L	0.7	0.3	0.5	0.2	0.4	0.3
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	BDL (DL- 2.0)	BDL (DL- 2.0)	2.5	3.0	2.5	2.5

4.19. Wastewater Monitoring Data (M/s. Thermax Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021								
Wastewater Samples		Month	January 2021		February 2021		March 2021	
		Date of Sampling	07/01/21	22/01/21	02/02/21	13/02/21	17/03/21	22/03/21
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	28	29	29	30	34	32
02.	pH at 25^{0}C	pH unit	7.85	7.63	7.46	7.92	7.85	7.75
03.	Total Suspended Solids (TSS)	mg/L	45	43	48	62	58	55
04.	Chloride	mg/L	1245	1275	1324	1124	1523	1146
05.	Sulphate	mg/L	485	687	574	429	562	425
06.	Oil & grease	mg/L	1.0	2.0	1.5	3.5	3.8	3.6
07.	Fluoride	mg/L	0.6	0.8	0.6	1.4	0.8	1.3
08.	Sulphide	mg/L	0.7	0.6	1.6	2.1	1.5	1.8
09.	Ammonical Nitrogen	mg/L	2.5	4.2	1.8	9.5	3.5	3.9
10.	Total Kjeldahl Nitrogen	mg/L	4.0	2.8	1.0	2.8	2.0	2.3
11.	Free Ammonia	mg/L	0.45	0.63	0.52	0.28	0.45	0.86
12.	Copper	mg/L	0.05	0.04	0.07	0.05	0.08	0.07
13.	Zinc	mg/L	0.42	0.35	0.65	0.53	0.72	0.48
14.	BOD 3 days at 27^{0}C	mg/L	63	57	59	76	77	72
15.	COD	mg/L	199	186	175	257	245	240
16	Total Residual Chlorine	mg/L	0.3	0.3	0.2	0.6	0.6	0.4
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.02	0.02	BDL (DL- 0.05)	BDL (DL- 0.05)	0.05	0.03
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.3	0.2	0.5	0.4	0.6	0.3
22.	Total Chromium	mg/L	0.6	0.4	0.7	0.7	0.8	0.6
23.	Nickel	mg/L	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.5	0.4	0.5	0.5	0.4
26.	Iron	mg/L	0.4	0.8	0.1	0.7	0.8	0.6
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.5	2.5	2.1	2.4	5.8	3.5

4.20. Wastewater Monitoring Data (M/s. Torrent Pharmaceuticals Ltd. (Dahej))

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	08/10/20	27/10/20	05/11/20	26/11/20	02/12/20	16/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	30	27	29	29	29	28
02.	pH at 25^{0}C	pH unit	8.15	8.25	8.00	8.00	8.00	7.65
03.	Total Suspended Solids (TSS)	mg/L	25	40	35	38	34	21
04.	Chloride	mg/L	645	575	485	389	665	545
05.	Sulphate	mg/L	329	75	78	85	119	98
06.	Oil & grease	mg/L	3.2	1.5	2.0	2.0	2.2	1.0
07.	Fluoride	mg/L	0.6	0.7	0.6	1.0	0.7	0.6
08.	Sulphide	mg/L	0.6	0.9	0.7	0.7	0.5	0.6
09.	Ammonical Nitrogen	mg/L	9	8.4	5.2	4.6	3.5	3.4
10.	Total Kjeldahl Nitrogen	mg/L	15.6	15.2	12.8	12.3	9.5	13.8
11.	Free Ammonia	mg/L	0.20	0.60	0.45	0.5	0.4	0.7
12.	Copper	mg/L	0.08	0.09	0.05	0.04	0.08	0.03
13.	Zinc	mg/L	0.28	0.45	0.20	0.45	0.85	0.1
14.	BOD 3 days at 27^{0}C	mg/L	12	45	51	47	54	32
15.	COD	mg/L	40	132	122	105	150	77
16	Total Residual Chlorine	mg/L	0.2	0.4	0.4	0.4	0.2	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.03	0.06	0.06	0.03	0.02	0.05
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.2	0.8	0.6	0.3	0.4	0.2
22.	Total Chromium	mg/L	0.3	0.5	0.7	0.5	0.6	0.5
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.3	0.5	0.5	0.3	0.6
26.	Iron	mg/L	0.5	0.6	0.8	0.5	0.6	0.5
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.2	1.4	2.0	2.2	1.5	3.0

4.21. Wastewater Monitoring Data (M/s. Torrent Pharmaceuticals Ltd. (Dahej))

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021								
Wastewater Samples		**Month**	**January 2021**		**February 2021**		**March 2021**	
Date of Sampling			**12/01/21**	**22/01/21**	**02/02/21**	**18/02/21**	**01/03/21**	**17/03/21**
S. No.	**Test Parameters**	**Unit**	**Result**					
01.	Temperature	^{0}C	28	28	32	29	30	32
02.	pH at 25^{0}C	pH unit	7.25	7.32	7.37	7.47	7.62	8.0
03.	Total Suspended Solids (TSS)	mg/L	22	15	32	22	32	35
04.	Chloride	mg/L	380	628	486	345	750	1045
05.	Sulphate	mg/L	540	116	341	154	117	452
06.	Oil & grease	mg/L	1.5	1.0	0.9	1.6	2.1	2.8
07.	Fluoride	mg/L	0.7	0.7	0.2	0.8	0.7	0.9
08.	Sulphide	mg/L	0.4	0.2	1.8	0.8	0.8	1.2
09.	Ammonical Nitrogen	mg/L	3.2	1.3	2.5	1.9	2.3	2.8
10.	Total Kjeldahl Nitrogen	mg/L	1.2	1.5	1.3	1.4	1.0	1.3
11.	Free Ammonia	mg/L	0.25	0.5	0.84	0.5	0.87	0.42
12.	Copper	mg/L	0.06	0.03	0.06	0.07	0.06	0.07
13.	Zinc	mg/L	0.45	0.35	0.36	0.3	0.56	0.48
14.	BOD 3 days at 27^{0}C	mg/L	28	23	25	32	35	45
15.	COD	mg/L	98	82	83	101	119	149
16	Total Residual Chlorine	mg/L	0.2	0.2	0.2	0.4	0.5	0.4
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.01	0.02	0.06	BDL (DL- 0.05)	0.04	0.04
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.5	0.3	0.3	0.2	0.3	0.3
22.	Total Chromium	mg/L	0.8	0.9	0.8	0.6	0.6	0.7
23.	Nickel	mg/L	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.5	0.2	0.3	0.4	0.2	0.4
26.	Iron	mg/L	0.2	0.5	0.6	0.3	0.5	0.7
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	2.5	1.2	2.0	2.3	2.6	2.8

4.22. Wastewater Monitoring Data (M/s. SEZ -2 Pumping Station – D))

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to March 2021									
Wastewater Samples		Month	December 2020	January 2021		February 2021		March 2021	
		Date of Sampling	25/12/20	07/01/21	22/01/21	02/02/21	22/02/21	04/03/21	24/03/21
S. No.	Test Parameters	Unit	Result						
01.	Temperature	^{0}C	29	29	28	28	28	27	32
02.	pH at 25^{0}C	pH unit	7.98	8.25	7.65	7.97	7.85	7.52	7.15
03.	Total Suspended Solids (TSS)	mg/L	**198**	**36**	**52**	34	63	38	48
04.	Chloride	mg/L	849	756	895	645	200	900	1235
05.	Sulphate	mg/L	585	925	1245	1025	72	203	426
06.	Oil & grease	mg/L	15.8	10.5	2.5	1.2	3.8	1.8	2.4
07.	Fluoride	mg/L	5.8	4.5	0.5	0.2	1.2	0.9	1.5
08.	Sulphide	mg/L	14.2	5.8	0.4	1.7	1.0	1.5	1.9
09.	Ammonical Nitrogen	mg/L	17.6	11.8	5.2	2.3	6.9	2.8	3.8
10.	Total Kjeldahl Nitrogen	mg/L	15.8	2.5	3.6	1.1	2.8	1.8	1.8
11.	Free Ammonia	mg/L	3.6	0.75	0.4	0.67	0.86	0.65	0.65
12.	Copper	mg/L	0.05	0.03	0.02	0.05	0.09	0.06	0.12
13.	Zinc	mg/L	0.3	0.75	0.25	0.84	0.75	0.56	0.45
14.	BOD 3 days at 27^{0}C	mg/L	**286**	**58**	**72**	32	65	51	71
15.	COD	mg/L	**873**	**184**	**235**	100	**255**	166	225
16	Total Residual Chlorine	mg/L	0.3	0.4	0.2	0.3	0.4	0.5	0.4
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL- 0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.04	0.03	0.04	BDL (DL-0.05)	BDL (DL-0.05)	0.03	0.05
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.8	0.2	0.5	0.6	0.5	0.8	0.2
22.	Total Chromium	mg/L	0.9	0.4	0.9	0.8	0.8	0.9	0.5
23.	Nickel	mg/L	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.7	0.3	0.6	0.1	0.4	0.5	0.4
26.	Iron	mg/L	0.6	0.2	0.7	0.6	0.6	0.3	0.5
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	26.5	3.2	3.0	1.6	2.6	2.3	3.5

4.23. Wastewater Monitoring Data (M/s. Aarti Industries Ltd., Z/111/B)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	19/10/20	31/10/20	10/11/20	26/11/20	05/12/20	17/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	35	30	30	29	29	29
02.	pH at 25^{0}C	pH unit	8.72	8.72	8.25	7.65	8.14	8.45
03.	Total Suspended Solids (TSS)	mg/L	18	16	25	28	28	39
04.	Chloride	mg/L	148	160	222	165	140	230
05.	Sulphate	mg/L	546	437	266	478	615	584
06.	Oil & grease	mg/L	3.5	1.5	1.5	1.2	2.0	1.5
07.	Fluoride	mg/L	0.9	0.5	0.5	0.6	0.2	0.5
08.	Sulphide	mg/L	1.1	0.6	0.4	0.5	0.6	0.7
09.	Ammonical Nitrogen	mg/L	15.2	6.2	5.2	5.0	2.3	2.5
10.	Total Kjeldahl Nitrogen	mg/L	18.2	10.6	10.6	12.0	11.5	15.7
11.	Free Ammonia	mg/L	0.90	0.6	0.50	0.30	0.20	0.75
12.	Copper	mg/L	0.06	0.07	0.06	0.07	0.05	0.07
13.	Zinc	mg/L	0.20	0.2	0.20	0.52	0.4	0.4
14.	BOD 3 days at 27^{0}C	mg/L	7	20	28	34	37	61
15.	COD	mg/L	28	51	53	65	111	198
16	Total Residual Chlorine	mg/L	0.2	0.5	0.5	0.3	0.4	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.07	0.06	0.05	0.02	0.02	0.03
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.3	0.5	0.6	0.3	0.2	0.2
22.	Total Chromium	mg/L	0.5	0.6	0.5	0.6	0.7	0.3
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.6	0.2	0.4	0.5	0.5
26.	Iron	mg/L	0.6	0.4	0.3	0.5	0.2	0.2
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	BDL (DL- 2.0)	1.5	1.5	1.2	2.0	3.5

4.24. Wastewater Monitoring Data (M/s. Aarti Industries Ltd., Z/111/B)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021						
Wastewater Samples		Month	January 2021	February 2021		March 2021
		Date of Sampling	06/01/21	03/02/21	09/02/21	01/03/21
S. No.	Test Parameters	Unit	Result			
01.	Temperature	^{0}C	28	27	29	31
02.	pH at 25^{0}C	pH unit	8.15	7.85	7.72	8.12
03.	Total Suspended Solids (TSS)	mg/L	26	26	24	28
04.	Chloride	mg/L	276	371	312	889
05.	Sulphate	mg/L	189	192	158	283
06.	Oil & grease	mg/L	2.0	1.8	1.9	1.4
07.	Fluoride	mg/L	0.9	0.6	0.6	0.56
08.	Sulphide	mg/L	0.5	0.3	0.4	0.7
09.	Ammonical Nitrogen	mg/L	4.5	1.1	2.3	1.9
10.	Total Kjeldahl Nitrogen	mg/L	2.2	2.2	2.4	1.1
11.	Free Ammonia	mg/L	0.45	0.39	0.96	0.58
12.	Copper	mg/L	0.08	0.06	0.08	0.05
13.	Zinc	mg/L	0.35	0.28	0.21	0.45
14.	BOD 3 days at 27^{0}C	mg/L	32	32	36	35
15.	COD	mg/L	123	113	101	89
16	Total Residual Chlorine	mg/L	0.2	0.2	0.5	0.4
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.02	0.08	0.03	0.01
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.3	0.1	0.4	0.5
22.	Total Chromium	mg/L	0.6	0.3	0.7	0.8
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.5	0.5	0.5	0.7
26.	Iron	mg/L	0.4	0.7	0.7	0.2
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	2.0	1.7	1.0	1.0

4.25. Wastewater Monitoring Data (M/s. Coromandal International Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	16/10/20	28/10/20	04/11/20	23/11/20	02/12/20	16/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	33	30	28	30	29	29
02.	pH at 25^{0}C	pH unit	8.15	8.25	8.15	8.00	7.65	8.15
03.	Total Suspended Solids (TSS)	mg/L	18	18	26	27	18	14
04.	Chloride	mg/L	176	331	173	131	138	163
05.	Sulphate	mg/L	295	360	291	334	142	145
06.	Oil & grease	mg/L	2.0	0.8	1.2	2.5	0.8	1.0
07.	Fluoride	mg/L	0.5	0.7	0.8	0.7	0.7	0.5
08.	Sulphide	mg/L	0.7	0.7	0.7	1.2	0.8	0.5
09.	Ammonical Nitrogen	mg/L	9.2	4.6	6.8	4.5	1.2	3.0
10.	Total Kjeldahl Nitrogen	mg/L	15.6	12.5	10.5	18.5	10.6	16.5
11.	Free Ammonia	mg/L	0.4	0.60	0.80	0.25	0.7	0.8
12.	Copper	mg/L	0.07	0.06	0.03	0.05	0.07	0.04
13.	Zinc	mg/L	0.4	0.5	0.4	0.42	0.45	0.3
14.	BOD 3 days at 27^{0}C	mg/L	25	23	14	32	22	21
15.	COD	mg/L	94	52	28	61	42	42
16	Total Residual Chlorine	mg/L	0.3	0.2	0.3	0.2	0.3	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.05	0.07	0.04	0.02	0.05	0.04
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.4	0.6	0.5	0.2	0.3	0.5
22.	Total Chromium	mg/L	0.4	0.4	0.3	0.6	0.4	0.6
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.4	0.7	0.3	0.4	0.5	0.2
26.	Iron	mg/L	0.3	0.7	0.4	0.2	0.7	0.6
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	BDL (DL- 2.0)	BDL (DL- 2.0)	BDL	1.5	1.1	4.6

4.26. Wastewater Monitoring Data (M/s. Coromandal International Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021									
Wastewater Samples		Month	January 2021		February 2021		March 2021		
		Date of Sampling	05/01/21	23/01/21	03/02/21	15/02/21	01/03/21	15/03/21	24/03/21
S. No.	Test Parameters	Unit	Result						
01.	Temperature	^{0}C	28	28	30	29	36	30	30
02.	pH at 25^{0}C	pH unit	7.65	7.36	7.41	7.45	7.75	7.35	7.36
03.	Total Suspended Solids (TSS)	mg/L	14	12	23	24	16	22	15
04.	Chloride	mg/L	141	146	145	136	205	752	625
05.	Sulphate	mg/L	278	138	183	169	271	325	215
06.	Oil & grease	mg/L	1.0	1.0	0.5	1.5	1.2	2.2	1.0
07.	Fluoride	mg/L	0.6	0.3	0.8	0.8	0.4	0.5	0.8
08.	Sulphide	mg/L	0.5	0.4	0.4	0.9	0.6	0.8	0.9
09.	Ammonical Nitrogen	mg/L	8.5	1.0	1.7	5.2	1.4	2.5	2.3
10.	Total Kjeldahl Nitrogen	mg/L	5.2	2.9	1.5	1.3	1.0	1.3	1.2
11.	Free Ammonia	mg/L	0.45	0.52	0.62	0.62	0.45	0.36	0.23
12.	Copper	mg/L	0.05	0.04	0.07	0.07	0.03	0.12	0.06
13.	Zinc	mg/L	0.32	0.45	0.3	0.2	0.26	0.85	0.22
14.	BOD 3 days at 27^{0}C	mg/L	19	20	21	26	18	30	22
15.	COD	mg/L	45	58	68	86	45	106	75
16	Total Residual Chlorine	mg/L	0.3	0.3	0.5	0.2	0.3	0.3	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.04	0.04	BDL (DL- 0.05)	BDL (DL- 0.05)	0.01	0.01	0.03
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.5	0.2	0.4	0.5	0.2	0.2	0.2
22.	Total Chromium	mg/L	0.6	0.6	0.5	0.8	0.4	0.5	0.3
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.7	0.2	0.4	0.4	0.4	0.5
26.	Iron	mg/L	0.4	0.2	0.5	0.4	0.6	0.6	0.3
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	4.2	1.3	0.6	1.2	1.3	2.8	1.2

4.27. Wastewater Monitoring Data (M/s. Meghmani Industries Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	21/10/20	23/10/20	27/11/20	23/11/20	08/12/20	19/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	34	34	28	28	29	28
02.	pH at 25^{0}C	pH unit	7.82	8.62	7.92	7.92	7.85	7.95
03.	Total Suspended Solids (TSS)	mg/L	28	46	36	63	38	20
04.	Chloride	mg/L	712	619	95	1694	235	272
05.	Sulphate	mg/L	242	213	49	292	425	157
06.	Oil & grease	mg/L	1.0	2.0	1.3	1.5	2.5	1.0
07.	Fluoride	mg/L	0.7	0.9	0.8	0.8	1.0	0.7
08.	Sulphide	mg/L	0.9	0.6	0.7	2.0	0.8	0.5
09.	Ammonical Nitrogen	mg/L	8.5	9.6	5.2	7.0	3.6	5.3
10.	Total Kjeldahl Nitrogen	mg/L	15.6	13.5	14.5	15.8	12.5	12.6
11.	Free Ammonia	mg/L	0.40	0.35	0.52	0.30	0.52	0.75
12.	Copper	mg/L	0.07	0.07	0.06	0.06	0.03	0.02
13.	Zinc	mg/L	0.20	0.42	0.45	0.52	0.65	0.35
14.	BOD 3 days at 27^{0}C	mg/L	25	42	44	81	52	25
15.	COD	mg/L	**58**	148	**95**	206	135	66
16	Total Residual Chlorine	mg/L	0.2	0.4	0.7	0.5	0.2	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL- 0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.06	0.06	0.06	0.04	0.03	0.05
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.5	0.2	0.7	0.4	0.2	0.4
22.	Total Chromium	mg/L	0.2	0.5	0.6	0.35	0.5	0.5
23.	Nickel	mg/L	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.4	0.2	0.8	0.4	0.5	0.7
26.	Iron	mg/L	0.6	0.4	0.5	0.2	0.6	0.3
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	2.0	BDL (DL- 2.0)	1.2	2.0	3.5	4.0

4.28. Wastewater Monitoring Data (M/s. Meghmani Industries Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021								
Wastewater Samples		Month	January 2021		February 2021		M arch 2021	
		Date of Sampling	06/01/21	16/01/21	03/02/21	20/02/21	02/03/21	17/03/21
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	28	28	32	28	32	32
02.	pH at 25^{0}C	pH unit	7.75	7.95	7.36	7.76	6.86	7.63
03.	Total Suspended Solids (TSS)	mg/L	28	15	25	62	49	57
04.	Chloride	mg/L	467	236	352	160	4148	756
05.	Sulphate	mg/L	378	176	276	607	979	186
06.	Oil & grease	mg/L	3.0	1.5	1.1	2.8	3.0	4.2
07.	Fluoride	mg/L	0.7	0.7	0.8	0.9	1.0	1.8
08.	Sulphide	mg/L	0.5	0.8	1.1	0.8	1.6	2.5
09.	Ammonical Nitrogen	mg/L	6.5	1.2	1.3	7.2	4.0	5.2
10.	Total Kjeldahl Nitrogen	mg/L	5.1	1.2	1.5	1.2	2.1	2.9
11.	Free Ammonia	mg/L	0.45	0.45	0.84	0.85	0.8	0.82
12.	Copper	mg/L	0.02	0.05	0.08	0.08	0.04	0.09
13.	Zinc	mg/L	0.75	0.45	0.2	0.4	0.28	0.75
14.	BOD 3 days at 27^{0}C	mg/L	42	29	32	76	70	75
15.	COD	mg/L	146	70	106	237	218	248
16	Total Residual Chlorine	mg/L	0.4	0.3	0.3	0.6	0.2	0.4
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL- 0.01)	BDL (DL-0.01)	BDL (DL- 0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.04	0.07	BDL (DL- 0.05)	0.05	0.02	0.02
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.4	0.3	0.8	0.6	0.6	0.5
22.	Total Chromium	mg/L	0.6	0.7	0.9	0.8	0.8	0.8
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.5	0.3	0.1	0.6	0.3	0.6
26.	Iron	mg/L	0.6	0.5	0.3	0.4	0.6	0.5
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	7.6	2.0	1.3	3.2	3.5	4.8

4.29. Wastewater Monitoring Data (M/s. Powerband Industrial Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	06/10/20	24/10/20	11/11/20	25/11/20	09/12/20	24/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	33	31	29	28	29	28
02.	pH at 25^{0}C	pH unit	8.35	7.32	8.25	8.25	8.00	7.15
03.	Total Suspended Solids (TSS)	mg/L	12	20	23	23	22	20
04.	Chloride	mg/L	168	184	187	201	230	185
05.	Sulphate	mg/L	58	35	36	29	55	45
06.	Oil & grease	mg/L	1.8	1.2	1.0	1.1	1.2	1.0
07.	Fluoride	mg/L	0.4	0.7	0.8	0.7	0.8	0.4
08.	Sulphide	mg/L	0.3	0.7	0.8	0.6	0.5	0.5
09.	Ammonical Nitrogen	mg/L	6.2	5.2	6.2	6.5	2.6	5.2
10.	Total Kjeldahl Nitrogen	mg/L	9.3	10.2	12.8	12.8	15.6	19.2
11.	Free Ammonia	mg/L	0.32	0.40	0.20	0.40	0.45	0.45
12.	Copper	mg/L	0.06	0.08	0.03	0.02	0.05	0.03
13.	Zinc	mg/L	0.15	0.35	0.35	0.35	0.36	0.4
14.	BOD 3 days at 27^{0}C	mg/L	10	24	25	27	32	28
15.	COD	mg/L	32	40	46	45	65	75
16	Total Residual Chlorine	mg/L	0.2	0.2	0.3	0.3	0.2	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.06	0.05	0.04	0.05	0.03	0.02
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.12	0.6	0.2	0.4	0.5	0.5
22.	Total Chromium	mg/L	0.18	0.6	0.8	0.7	0.6	0.5
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.1	0.6	0.3	0.5	0.4	0.3
26.	Iron	mg/L	0.3	0.7	0.5	0.2	0.2	0.5
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	BDL (DL- 2.0)	2.5	2.0	3.5	1.0	2.0

4.30. Wastewater Monitoring Data (M/s. Powerband Industrial Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021								
Wastewater Samples		Month	January 2021		February 2021		March 2021	
Date of Sampling			13/01/21	23/01/21	03/02/21	23/02/21	08/03/21	19/03/21
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	28	29	29	28	29	30
02.	pH at 25^{0}C	pH unit	7.65	7.35	7.29	7.48	7.35	7.45
03.	Total Suspended Solids (TSS)	mg/L	18	15	19	18	15	14
04.	Chloride	mg/L	182	235	237	780	278	135
05.	Sulphate	mg/L	89	85	95	129	72	72
06.	Oil & grease	mg/L	1.2	1.1	0.6	1.2	1.0	1.2
07.	Fluoride	mg/L	0.6	0.3	0.2	0.5	0.6	0.6
08.	Sulphide	mg/L	0.6	0.7	1.2	1.3	1.0	0.8
09.	Ammonical Nitrogen	mg/L	2.5	1.3	0.9	1.9	1.6	2.6
10.	Total Kjeldahl Nitrogen	mg/L	1.0	1.2	2.5	1.0	1.3	1.2
11.	Free Ammonia	mg/L	0.56	0.46	0.54	0.24	0.25	0.36
12.	Copper	mg/L	0.04	0.07	0.05	BDL (DL- 0.05)	0.12	0.08
13.	Zinc	mg/L	0.58	0.65	0.34	0.32	0.34	0.78
14.	BOD 3 days at 27^{0}C	mg/L	17	26	20	21	52	18
15.	COD	mg/L	62	72	62	52	72	46
16	Total Residual Chlorine	mg/L	0.2	0.2	0.4	0.3	0.8	0.4
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.03	0.02	0.06	BDL (DL- 0.05)	0.08	0.02
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.4	0.5	0.6	0.2	0.2	0.2
22.	Total Chromium	mg/L	0.5	0.7	0.8	0.5	0.3	0.5
23.	Nickel	mg/L	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.6	0.6	0.6	0.6	0.5	0.3
26.	Iron	mg/L	0.3	0.4	0.2	0.5	0.39	0.4
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.2	1.4	1.0	1.2	1.6	2.3

4.31. Wastewater Monitoring Data (M/s. Roxul-Rockwool Insulation India Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	07/10/20	20/10/20	03/11/20	27/11/20	05/12/20	22/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	32	33	27	28	d	28
02.	pH at 25^{0}C	pH unit	8.15	7.82	8.12	7.95	7.95	7.95
03.	Total Suspended Solids (TSS)	mg/L	14	22	18	25	17	10
04.	Chloride	mg/L	675	960	41	880	1435	1200
05.	Sulphate	mg/L	64	11	303	28	51	63
06.	Oil & grease	mg/L	0.8	1.2	1.5	1.1	0.8	1.5
07.	Fluoride	mg/L	0.5	0.8	0.5	0.3	0.8	0.6
08.	Sulphide	mg/L	0.8	0.5	0.5	0.5	0.5	0.6
09.	Ammonical Nitrogen	mg/L	7.5	8.6	5.6	5.0	2.0	6.5
10.	Total Kjeldahl Nitrogen	mg/L	18.6	18.6	11.2	19.2	9.5	9.8
11.	Free Ammonia	mg/L	0.30	0.60	0.50	0.40	0.35	0.52
12.	Copper	mg/L	0.06	0.07	0.03	0.05	0.09	0.02
13.	Zinc	mg/L	0.31	0.25	0.40	0.55	0.35	0.25
14.	BOD 3 days at 27^{0}C	mg/L	13	18	18	29	25	15
15.	COD	mg/L	30	40	40	52	59	29
16	Total Residual Chlorine	mg/L	0.3	0.2	0.3	0.3	0.4	0.4
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.05	0.07	0.07	0.04	0.04	0.04
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.1	0.5	0.2	0.5	0.3	0.2
22.	Total Chromium	mg/L	0.2	0.3	0.4	0.8	0.3	0.2
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.3	0.4	0.5	0.3	0.7	0.7
26.	Iron	mg/L	0.5	0.3	0.6	0.5	0.6	0.2
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	0.9	1.5	1.2	2.0	1.0	3.5

4.32. Wastewater Monitoring Data (M/s. Roxul-Rockwool Insulation India Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021									
Wastewater Samples		Month	January 2021		February 2021		March 2021		
		Date of Sampling	13/01/21	21/01/21	03/02/21	15/02/21	05/03/21	20/03/21	25/03/21
S. No.	Test Parameters	Unit	Result						
01.	Temperature	^{0}C	28	28	33	29	31	30	32
02.	pH at 25^{0}C	pH unit	7.15	7.39	7.91	7.86	7.85	7.86	7.89
03.	Total Suspended Solids (TSS)	mg/L	12	12	15	18	15	45	15
04.	Chloride	mg/L	543	1324	721	236	1300	758	325
05.	Sulphate	mg/L	75	58	75	125	112	381	126
06.	Oil & grease	mg/L	1.0	1.2	0.4	1.2	1.0	0.8	1.0
07.	Fluoride	mg/L	0.8	0.2	0.4	0.9	0.9	1.2	0.6
08.	Sulphide	mg/L	0.2	0.4	1.5	0.9	1.2	1.5	0.8
09.	Ammonical Nitrogen	mg/L	1.5	1.2	0.5	3.6	1.2	6.8	1.2
10.	Total Kjeldahl Nitrogen	mg/L	1.0	1.3	0.5	1.8	1.0	3.5	1.0
11.	Free Ammonia	mg/L	0.5	0.68	0.28	0.64	0.36	0.68	0.38
12.	Copper	mg/L	0.07	0.05	0.04	0.06	0.06	0.08	0.05
13.	Zinc	mg/L	0.26	0.45	0.2	0.4	0.36	0.78	0.42
14.	BOD 3 days at 27^{0}C	mg/L	19	18	18	16	15	62	19
15.	COD	mg/L	38	46	42	40	36	195	45
16	Total Residual Chlorine	mg/L	0.3	0.3	0.1	0.3	0.3	0.4	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.05	0.03	BDL (DL- 0.05)	0.02	0.02	0.05	0.02
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.2	0.4	0.4	0.2	0.3	0.2	0.3
22.	Total Chromium	mg/L	0.5	0.7	0.5	0.5	0.6	0.4	0.4
23.	Nickel	mg/L	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.6	0.9	0.4	0.3	0.6	0.3
26.	Iron	mg/L	0.5	0.8	0.3	0.4	0.4	0.5	0.5
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.5	1.0	0.6	1.0	1.2	4.5	1.2

4.33. Wastewater Monitoring Data (M/s. SUN Pharmaceuticals Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

	October 2020 to December 2020								
Wastewater Samples		Month	October 2020			November 2020		December 2020	
		Date of Sampling	15/10/20	20/10/20	29/10/20	06/11/20	19/11/20	03/12/20	17/12/20
S. No.	Test Parameters	Unit	Result						
01.	Temperature	^{0}C	31	33	30	28	28	29	28
02.	pH at 25^{0}C	pH unit	7.62	7.82	7.85	7.75	7.81	7.95	7.65
03.	Total Suspended Solids (TSS)	mg/L	22	36	29	42	36	40	48
04.	Chloride	mg/L	482	156	417	630	750	1230	675
05.	Sulphate	mg/L	469	15	292	379	338	264	329
06.	Oil & grease	mg/L	1.5	1.5	1.0	2.5	1.0	1.1	1.2
07.	Fluoride	mg/L	0.6	0.6	0.8	0.7	0.7	0.5	0.7
08.	Sulphide	mg/L	0.5	0.7	0.7	0.5	2.5	0.9	0.4
09.	Ammonical Nitrogen	mg/L	7.5	12.5	1.2	4.5	7.5	4.6	5.2
10.	Total Kjeldahl Nitrogen	mg/L	10.6	17.2	8.0	12.5	13.4	12.6	8.9
11.	Free Ammonia	mg/L	0.20	0.52	0.6	0.85	0.2	0.6	0.55
12.	Copper	mg/L	0.08	0.08	0.09	0.02	0.04	0.06	0.04
13.	Zinc	mg/L	0.60	0.30	0.2	0.45	0.35	0.56	0.25
14.	BOD 3 days at 27^{0}C	mg/L	28	29	32	28	44	55	55
15.	COD	mg/L	114	94	88	45	96	145	177
16	Total Residual Chlorine	mg/L	0.3	0.2	0.2	0.3	0.3	0.1	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.05	0.08	0.07	0.02	0.06	0.04	0.05
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.3	0.4	0.7	0.2	0.5	0.5	0.2
22.	Total Chromium	mg/L	0.5	0.4	0.6	0.5	0.6	0.6	0.5
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.5	0.6	0.3	0.2	0.2	0.5
26.	Iron	mg/L	0.9	0.4	0.7	0.6	0.5	0.8	0.3
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.3	1.2	2.0	3.2	2.0	2.5	3.2

4.34. Wastewater Monitoring Data (M/s. SUN Pharmaceuticals Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021										
Wastewater Samples		Month	January 2021		February 2021			March 2021		
		Date of Sampling	02/01/21	19/01/21	03/02/21	09/02/21	26/02/21	03/03/21	19/03/21	25/03/21
S. No.	Test Parameters	Unit	Result							
01.	Temperature	^{0}C	28	28	30	28	29	32	32	33
02.	pH at 25^{0}C	pH unit	8.15	7.86	7.86	8.45	7.25	8.06	8.15	7.65
03.	Total Suspended Solids (TSS)	mg/L	28	38	28	41	35	58	39	45
04.	Chloride	mg/L	880	785	768	1189	826	869	235	452
05.	Sulphate	mg/L	429	289	379	318	298	370	129	216
06.	Oil & grease	mg/L	1.0	2.5	1.6	1.5	2.1	2.0	0.5	1.9
07.	Fluoride	mg/L	0.5	0.6	0.5	0.8	1.6	0.8	0.9	1.2
08.	Sulphide	mg/L	0.9	0.3	0.9	0.7	1.6	0.2	0.8	1.6
09.	Ammonical Nitrogen	mg/L	5.9	5.2	1.8	2.9	3.6	3.8	5.9	2.8
10.	Total Kjeldahl Nitrogen	mg/L	15.6	1.6	1.3	1.2	1.1	1.5	3.2	1.3
11.	Free Ammonia	mg/L	0.85	0.63	0.67	0.58	0.48	0.74	0.52	0.58
12.	Copper	mg/L	0.04	0.04	0.08	0.06	0.05	0.05	0.12	0.09
13.	Zinc	mg/L	0.25	0.35	0.84	0.94	0.56	0.23	0.85	0.22
14.	BOD 3 days at 27^{0}C	mg/L	38	48	45	52	50	66	51	62
15.	COD	mg/L	133	170	145	176	159	218	168	195
16	Total Residual Chlorine	mg/L	0.4	0.3	0.2	0.4	0.6	0.1	0.3	0.4
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.04	0.02	0.05	BDL (DL- 0.05)	0.05	0.01	0.04	0.03
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.5	0.2	0.7	0.2	0.6	0.5	0.3	0.8
22.	Total Chromium	mg/L	0.7	0.5	0.8	0.6	0.7	0.8	0.7	0.5
23.	Nickel	mg/L	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.3	0.4	0.4	0.4	0.6	0.7	0.7	0.3
26.	Iron	mg/L	0.2	0.8	0.6	0.8	0.5	0.2	0.2	0.2
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	3.6	4.2	1.2	1.8	1.7	2.8	3.5	2.2

4.35. Wastewater Monitoring Data (M/s. Aries Colorchem Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	10/10/20	27/10/20	05/11/20	24/11/20	01/12/20	17/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	31	35	29	29	29	28
02.	pH at 25^{0}C	pH unit	7.25	8.12	7.75	7.95	7.90	8.00
03.	Total Suspended Solids (TSS)	mg/L	28	33	40	72	55	59
04.	Chloride	mg/L	2179	5323	5948	6348	7348	7236
05.	Sulphate	mg/L	953	4386	666	2737	9561	845
06.	Oil & grease	mg/L	2.0	3.2	1.8	3.0	2.0	1.3
07.	Fluoride	mg/L	0.6	0.7	0.8	0.4	0.4	0.5
08.	Sulphide	mg/L	0.6	0.5	0.7	0.7	0.6	0.8
09.	Ammonical Nitrogen	mg/L	8.0	2.3	7.6	5.5	5.2	5.2
10.	Total Kjeldahl Nitrogen	mg/L	16.2	11	14.8	19.5	16.5	8.5
11.	Free Ammonia	mg/L	0.25	0.5	0.50	0.60	0.2	0.5
12.	Copper	mg/L	0.07	0.07	0.07	0.07	0.06	0.03
13.	Zinc	mg/L	0.17	0.42	0.30	0.30	0.45	0.3
14.	BOD 3 days at 27^{0}C	mg/L	**71**	**58**	52	92	49	85
15.	COD	mg/L	**226**	**156**	142	239	185	236
16	Total Residual Chlorine	mg/L	0.1	0.2	0.2	0.3	0.2	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL- 0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.06	0.05	0.05	0.03	0.06	0.06
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.3	0.5	0.2	0.2	0.2	0.4
22.	Total Chromium	mg/L	0.5	0.5	0.7	0.7	0.3	0.5
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.5	0.4	0.3	0.2	0.2
26.	Iron	mg/L	0.5	0.8	0.5	0.6	0.4	0.3
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.3	BDL (DL- 2.0)	1.8	3.5	2.6	3.5

4.36. Wastewater Monitoring Data (M/s. Aries Colorchem Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021									
Wastewater Samples		Month	January 2021		February 2021		March 2021		
		Date of Sampling	04/01/21	20/01/21	04/02/21	17/02/21	01/03/21	18/03/21	23/03/21
S. No.	Test Parameters	Unit	Result						
01.	Temperature	^{0}C	28	28	29	29	31	30	32
02.	pH at 25^{0}C	pH unit	7.45	7.62	8.08	7.64	8.62	7.65	7.86
03.	Total Suspended Solids (TSS)	mg/L	123	45	45	39	32	28	18
04.	Chloride	mg/L	8297	6425	2540	3256	1245	752	529
05.	Sulphate	mg/L	5107	1258	5215	1205	956	378	245
06.	Oil & grease	mg/L	3.0	2.0	3.0	1.5	2.4	2.8	1.6
07.	Fluoride	mg/L	0.3	0.3	0.7	0.5	0.6	0.9	0.5
08.	Sulphide	mg/L	0.5	0.5	1.0	0.6	0.8	1.5	0.9
09.	Ammonical Nitrogen	mg/L	8.5	3.5	2.6	2.3	2.5	2.0	2.5
10.	Total Kjeldahl Nitrogen	mg/L	7.8	2.5	2.5	1.2	1.2	1.0	1.4
11.	Free Ammonia	mg/L	0.65	0.65	0.57	0.26	0.96	0.38	0.32
12.	Copper	mg/L	0.03	0.06	0.04	0.03	0.08	0.08	0.04
13.	Zinc	mg/L	0.45	0.35	0.64	0.62	0.72	0.32	0.28
14.	BOD 3 days at 27^{0}C	mg/L	42	60	60	45	45	32	18
15.	COD	mg/L	147	196	189	145	149	107	60
16	Total Residual Chlorine	mg/L	0.2	0.2	0.5	0.6	0.6	0.3	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.03	0.05	BDL (DL- 0.05)	BDL (DL- 0.05)	0.05	0.04	0.05
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.3	0.2	0.1	0.3	0.3	0.2	0.5
22.	Total Chromium	mg/L	0.5	0.6	0.1	0.7	0.7	0.5	0.8
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.4	0.2	0.3	0.5	0.3	0.5	0.5
26.	Iron	mg/L	0.3	0.4	0.5	0.7	0.4	0.36	0.3
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	2.5	1.5	2.8	1.6	2.8	1.8	1.8

4.37. Wastewater Monitoring Data (M/s. Camlin Fine Science Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	06/10/20	22/10/20	10/11/20	25/11/20	04/12/20	16/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	31	34	30	29	29	29
02.	pH at 25^{0}C	pH unit	7.75	8.32	7.65	7.85	7.65	7.85
03.	Total Suspended Solids (TSS)	mg/L	15	18	25	21	22	15
04.	Chloride	mg/L	103	90	87	51	326	2389
05.	Sulphate	mg/L	36	24	36	25	74	126
06.	Oil & grease	mg/L	1.2	1.8	2.5	1.0	0.9	1.5
07.	Fluoride	mg/L	0.5	0.8	0.6	0.5	0.8	0.4
08.	Sulphide	mg/L	0.5	1.0	0.8	0.7	0.7	0.7
09.	Ammonical Nitrogen	mg/L	11.2	11.6	4.6	4.5	2.0	4.3
10.	Total Kjeldahl Nitrogen	mg/L	14.2	16.5	18.2	14.2	18.2	11.6
11.	Free Ammonia	mg/L	0.15	0.20	0.50	0.25	0.40	0.6
12.	Copper	mg/L	0.05	0.06	0.03	0.04	0.05	0.03
13.	Zinc	mg/L	0.20	0.40	0.45	0.45	0.35	0.2
14.	BOD 3 days at 27^{0}C	mg/L	8	15	28	25	23	23
15.	COD	mg/L	28	40	53	38	62	44
16	Total Residual Chlorine	mg/L	0.2	0.3	0.3	0.2	0.2	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.06	0.08	0.04	0.05	0.04	0.03
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.2	0.4	0.2	0.5	0.3	0.2
22.	Total Chromium	mg/L	0.3	0.3	0.6	0.8	0.4	0.4
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.4	0.2	0.2	0.2	0.4	0.5
26.	Iron	mg/L	0.3	0.2	0.6	0.3	0.3	0.4
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	BDL (DL- 2.0)	BDL (DL- 2.0)	3.0	2.5	1.0	3.2

4.38. Wastewater Monitoring Data (M/s. Camlin Fine Science Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021									
Wastewater Samples		Month	January 2021		February 2021		March 2021		
		Date of Sampling	12/01/21	23/01/21	04/02/21	22/02/21	04/03/21	15/03/21	22/03/21
S. No.	Test Parameters	Unit	Result						
01.	Temperature	^{0}C	29	28	28	29	32	30	32
02.	pH at 25^{0}C	pH unit	7.81	7.79	7.41	7.72	7.65	7.65	7.62
03.	Total Suspended Solids (TSS)	mg/L	12	13	24	18	23	15	20
04.	Chloride	mg/L	94	853	652	543	270	245	86
05.	Sulphate	mg/L	45	136	154	168	58	75	63
06.	Oil & grease	mg/L	1.0	1.0	1.0	2.5	1.0	1.2	1.2
07.	Fluoride	mg/L	0.6	0.6	0.8	0.4	0.7	0.3	0.8
08.	Sulphide	mg/L	0.3	0.7	0.5	0.8	1.0	0.96	0.9
09.	Ammonical Nitrogen	mg/L	1.5	1.2	1.2	3.2	1.3	2.2	1.6
10.	Total Kjeldahl Nitrogen	mg/L	1.0	1.0	1.0	1.9	1.2	1.7	1.0
11.	Free Ammonia	mg/L	0.83	0.25	0.52	0.48	0.45	0.25	0.36
12.	Copper	mg/L	0.06	0.08	0.06	0.02	0.08	0.08	0.05
13.	Zinc	mg/L	0.43	0.7	0.23	0.36	0.44	0.78	0.34
14.	BOD 3 days at 27^{0}C	mg/L	14	23	28	25	28	18	22
15.	COD	mg/L	32	63	72	67	75	60	75
16	Total Residual Chlorine	mg/L	0.2	0.2	0.1	0.3	0.6	0.4	0.4
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.02	0.05	BDL (DL- 0.05)	BDL (DL- 0.05)	0.05	0.01	0.05
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.4	0.2	0.2	0.2	0.6	0.3	0.2
22.	Total Chromium	mg/L	0.7	0.6	0.7	0.4	0.8	0.6	0.5
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.3	0.5	0.7	0.3	0.4	0.2	0.3
26.	Iron	mg/L	0.6	0.2	0.4	0.4	0.5	0.5	0.4
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.0	1.0	2.5	1.2	1.3	1.3	1.5

4.39. Wastewater Monitoring Data (M/s. Raks Pharma Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	02/10/20	12/10/20	05/11/20	26/11/20	12/12/20	23/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	33	33	29	28	28	28
02.	pH at 25^{0}C	pH unit	8.25	8.25	7.65	7.25	7.95	7.55
03.	Total Suspended Solids (TSS)	mg/L	16	28	56	44	35	18
04.	Chloride	mg/L	367	299	288	328	350	200
05.	Sulphate	mg/L	168	173	233	207	175	79
06.	Oil & grease	mg/L	1.0	1.1	1.2	2.6	1.0	2.5
07.	Fluoride	mg/L	0.3	0.4	0.5	0.5	0.6	0.4
08.	Sulphide	mg/L	0.2	0.9	0.7	0.5	0.8	0.5
09.	Ammonical Nitrogen	mg/L	7.4	6.5	5.0	4.5	3.6	3.5
10.	Total Kjeldahl Nitrogen	mg/L	10.2	12.6	11.6	15.8	18.5	12.6
11.	Free Ammonia	mg/L	0.25	0.45	0.52	0.55	0.24	0.58
12.	Copper	mg/L	0.05	0.07	0.04	0.08	0.06	0.05
13.	Zinc	mg/L	0.25	0.20	0.35	0.42	0.45	0.45
14.	BOD 3 days at 27^{0}C	mg/L	32	95	35	55	41	22
15.	COD	mg/L	167	153	74	130	124	52
16	Total Residual Chlorine	mg/L	0.2	0.2	0.2	0.2	0.3	0.2
17	Arsenic	mg/L	BDL (DL- 0.01)	BDL (DL-0.01)	BDL (DL- 0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.07	0.06	0.05	0.04	0.04	0.02
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.3	0.2	0.5	0.5	0.2	0.4
22.	Total Chromium	mg/L	0.4	0.3	0.6	0.6	0.8	0.7
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.25	0.7	0.4	0.3	0.7
26.	Iron	mg/L	0.7	0.8	0.5	0.6	0.4	0.3
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.6	BDL (DL- 2.0)	2.6	2.5	2.0	2.0

4.40. Wastewater Monitoring Data (M/s. Raks Pharma Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021								
Wastewater Samples		Month	January 2021		February 2021		March 2021	
		Date of Sampling	12/01/21	22/01/21	04/02/21	18/02/21	08/03/21	26/03/21
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	29	30	32	30	30	32
02.	pH at 25^{0}C	pH unit	7.85	7.68	7.34	7.86	7.63	7.56
03.	Total Suspended Solids (TSS)	mg/L	26	15	42	21	18	22
04.	Chloride	mg/L	324	456	523	425	365	256
05.	Sulphate	mg/L	154	136	825	142	154	98
06.	Oil & grease	mg/L	2.5	1.3	2.5	1.1	1.1	1.4
07.	Fluoride	mg/L	0.5	0.4	0.5	0.1	0.6	0.8
08.	Sulphide	mg/L	0.5	0.8	0.8	0.7	0.5	0.6
09.	Ammonical Nitrogen	mg/L	3.5	1.2	2.6	0.8	1.5	1.3
10.	Total Kjeldahl Nitrogen	mg/L	2.5	1.8	1.3	1.0	1.2	1.0
11.	Free Ammonia	mg/L	0.8	0.45	0.58	0.27	0.25	0.36
12.	Copper	mg/L	0.08	0.02	0.02	BDL (DL- 0.05)	0.09	0.07
13.	Zinc	mg/L	0.52	0.25	0.63	0.84	0.42	0.52
14.	BOD 3 days at 27^{0}C	mg/L	35	26	56	25	23	28
15.	COD	mg/L	130	76	158	72	61	72
16	Total Residual Chlorine	mg/L	0.3	0.2	0.2	0.4	0.4	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.03	0.05	BDL (DL- 0.05)	BDL (DL- 0.05)	0.01	0.04
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.5	0.4	0.5	0.5	0.3	0.2
22.	Total Chromium	mg/L	0.8	0.7	0.8	0.6	0.7	0.6
23.	Nickel	mg/L	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.4	0.4	0.2	0.3	0.4	0.2
26.	Iron	mg/L	0.2	0.5	0.1	0.4	0.46	0.4
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	2.5	1.4	2.5	1.1	1.3	1.2

4.41. Wastewater Monitoring Data (M/s. Sigachi Cellulose Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	09/10/20	29/10/20	05/11/20	19/11/20	01/12/20	17/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	33	30	29	27	29	29
02.	pH at 25^{0}C	pH unit	8.25	7.92	7.85	7.96	8.00	7.85
03.	Total Suspended Solids (TSS)	mg/L	5	15	19	22	24	14
04.	Chloride	mg/L	17	90	103	114	135	113
05.	Sulphate	mg/L	9	19	82	55	39	132
06.	Oil & grease	mg/L	1.2	1.0	1.5	1.5	1.5	1.5
07.	Fluoride	mg/L	0.8	0.7	0.9	0.6	0.9	0.6
08.	Sulphide	mg/L	0.8	0.5	0.8	0.5	0.4	0.9
09.	Ammonical Nitrogen	mg/L	7	3.2	5.6	2.0	2.0	4.6
10.	Total Kjeldahl Nitrogen	mg/L	12.5	8.6	16.5	15.8	11.2	7.6
11.	Free Ammonia	mg/L	0.25	0.7	0.42	0.50	0.6	0.4
12.	Copper	mg/L	0.06	0.08	0.08	0.05	0.07	0.06
13.	Zinc	mg/L	0.21	0.3	0.25	0.25	0.5	0.35
14.	BOD 3 days at 27^{0}C	mg/L	15	21	25	25	28	16
15.	COD	mg/L	36	44	51	40	65	38
16	Total Residual Chlorine	mg/L	0.3	0.3	0.3	0.2	0.3	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.04	0.06	0.02	0.04	0.05	0.07
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.2	0.6	0.5	0.3	0.3	0.3
22.	Total Chromium	mg/L	0.2	0.5	0.8	0.4	0.5	0.5
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.3	0.5	0.6	0.3	0.3	0.4
26.	Iron	mg/L	0.8	0.6	0.6	0.5	0.5	0.5
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	0.9	BDL (DL- 2.0)	1.5	1.2	1.0	4.0

4.42. Wastewater Monitoring Data (M/s. Sigachi Cellulose Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021									
Wastewater Samples		Month	January 2021		February 2021		March 2021		
		Date of Sampling	11/01/21	20/01/21	04/02/21	15/02/21	02/03/21	09/03/21	23/03/21
S. No.	Test Parameters	Unit	Result						
01.	Temperature	^{0}C	29	29	29	28	29	29	32
02.	pH at 25^{0}C	pH unit	8.25	7.12	7.46	7.25	7.63	7.85	7.45
03.	Total Suspended Solids (TSS)	mg/L	16	14	20	14	21	14	32
04.	Chloride	mg/L	123	145	138	159	945	218	426
05.	Sulphate	mg/L	42	95	86	95	145	123	124
06.	Oil & grease	mg/L	2.0	1.0	1.2	1.0	1.0	1.4	2.6
07.	Fluoride	mg/L	0.8	0.5	0.6	0.5	0.5	0.4	0.8
08.	Sulphide	mg/L	0.5	0.6	0.1	0.6	0.4	1.2	1.9
09.	Ammonical Nitrogen	mg/L	2.0	2.0	1.4	4.5	1.3	1.2	4.9
10.	Total Kjeldahl Nitrogen	mg/L	1.2	1.2	1.0	1.0	1.0	1.0	2.8
11.	Free Ammonia	mg/L	0.35	0.52	0.69	0.9	0.46	0.45	0.75
12.	Copper	mg/L	0.03	0.04	0.06	0.08	0.02	0.12	0.09
13.	Zinc	mg/L	0.42	0.25	0.25	0.4	0.32	0.31	0.75
14.	BOD 3 days at 27^{0}C	mg/L	22	23	31	22	26	38	56
15.	COD	mg/L	78	60	75	57	73	123	150
16	Total Residual Chlorine	mg/L	0.1	0.2	0.3	0.4	0.3	0.5	0.4
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.04	0.02	0.06	BDL (DL- 0.05)	0.03	0.01	0.03
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.6	0.3	0.5	0.2	0.2	0.2	0.2
22.	Total Chromium	mg/L	0.9	0.8	0.4	0.6	0.5	0.5	0.4
23.	Nickel	mg/L	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.4	0.4	0.4	0.3	0.5	0.5	0.6
26.	Iron	mg/L	0.4	0.6	0.3	0.5	0.8	0.36	0.5
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	2.0	1.0	1.5	1.4	2.0	1.2	2.1

4.43. Wastewater Monitoring Data (M/s. Aarti Industries Ltd., Z/103/C)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	02/10/20	27/10/20	04/11/20	26/11/20	12/12/20	23/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	38	30	30	29	28	28
02.	pH at 25^{0}C	pH unit	7.42	7.52	8.00	7.65	7.85	7.75
03.	Total Suspended Solids (TSS)	mg/L	24	35	35	39	15	18
04.	Chloride	mg/L	347	595	139	123	183	297
05.	Sulphate	mg/L	224	29	567	326	22	164
06.	Oil & grease	mg/L	0.5	1.0	2.0	2.2	1.5	1.0
07.	Fluoride	mg/L	0.4	0.6	0.6	0.4	0.5	0.5
08.	Sulphide	mg/L	0.8	0.6	0.4	0.7	0.8	0.8
09.	Ammonical Nitrogen	mg/L	18.6	4.6	9.5	6.0	5.2	4.5
10.	Total Kjeldahl Nitrogen	mg/L	25.6	12.6	14.6	15.7	15.2	10.6
11.	Free Ammonia	mg/L	0.42	0.20	0.50	0.30	0.42	0.42
12.	Copper	mg/L	0.08	0.07	0.06	0.06	0.02	0.03
13.	Zinc	mg/L	0.20	0.4	0.60	0.3	0.30	0.35
14.	BOD 3 days at 27^{0}C	mg/L	47	35	45	49	19	26
15.	COD	mg/L	151	112	124	110	35	65
16	Total Residual Chlorine	mg/L	0.3	0.2	0.2	0.4	0.2	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.06	0.04	0.08	0.03	0.02	0.05
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.10	0.4	0.3	0.3	0.4	0.5
22.	Total Chromium	mg/L	0.36	0.4	0.4	0.7	0.5	0.6
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.1	0.4	0.5	0.4	0.4	0.6
26.	Iron	mg/L	0.7	0.7	0.5	0.3	0.2	0.3
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	2.9	2.0	2.6	2.5	2.5	3.5

4.44. Wastewater Monitoring Data (M/s. Aarti Industries Ltd., Z/103/C)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021										
Wastewater Samples		Month	January 2021		February 2021			March 2021		
		Date of Sampling	11/01/21	16/01/21	05/02/21	13/02/21	22/02/21	01/03/21	04/03/21	24/03/21
S. No.	Test Parameters	Unit	Result							
01.	Temperature	^{0}C	28	29	29	29	30	36	36	31
02.	pH at 25^{0}C	pH unit	7.86	7.79	7.48	7.15	7.45	7.95	7.82	7.26
03.	Total Suspended Solids (TSS)	mg/L	12	14	18	26	35	18	17	18
04.	Chloride	mg/L	174	325	425	230	526	649	500	452
05.	Sulphate	mg/L	28	154	120	86	156	95	175	215
06.	Oil & grease	mg/L	0.8	2.0	1.0	1.0	3.2	1.0	1.2	1.2
07.	Fluoride	mg/L	0.5	0.6	0.2	0.8	0.9	0.4	0.9	0.5
08.	Sulphide	mg/L	0.5	0.5	0.5	0.7	0.56	0.6	0.1	0.7
09.	Ammonical Nitrogen	mg/L	1.2	1.5	1.0	2.8	3.5	1.6	1.1	1.8
10.	Total Kjeldahl Nitrogen	mg/L	1.0	2.0	1.6	1.0	1.6	1.1	1.0	1.0
11.	Free Ammonia	mg/L	0.46	0.6	0.48	0.95	0.25	0.35	0.35	0.26
12.	Copper	mg/L	0.07	0.06	0.08	0.04	0.05	0.08	0.03	0.06
13.	Zinc	mg/L	0.35	0.58	0.84	0.96	0.45	0.78	0.26	0.45
14.	BOD 3 days at 27^{0}C	mg/L	15	25	23	22	43	21	25	18
15.	COD	mg/L	40	58	48	75	120	45	76	60
16	Total Residual Chlorine	mg/L	0.4	0.2	0.6	0.3	0.4	0.4	0.3	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.04	0.06	0.08	0.07	0.02	0.03	0.03	0.05
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.4	0.2	0.5	0.3	0.3	0.2	0.3	0.5
22.	Total Chromium	mg/L	0.6	0.5	0.9	0.7	0.6	0.5	0.5	0.8
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.3	0.2	0.4	0.3	0.5	0.5	0.3	0.2
26.	Iron	mg/L	0.5	0.4	0.4	0.5	0.8	0.8	0.4	0.4
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.0	2.5	1.3	1.2	2.6	1.5	1.0	1.5

4.45. Wastewater Monitoring Data (M/s. Ramdev Chemical Industries)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	09/10/20	23/10/20	05/11/20	19/11/20	01/12/20	17/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	33	34	30	28	30	29
02.	pH at 25^{0}C	pH unit	7.52	7.32	7.15	7.42	7.52	7.75
03.	Total Suspended Solids (TSS)	mg/L	75	40	29	34	32	26
04.	Chloride	mg/L	3469	5448	4199	168	3824	3324
05.	Sulphate	mg/L	360	346	182	227	139	242
06.	Oil & grease	mg/L	0.9	2.1	2.5	2.0	1.2	1.2
07.	Fluoride	mg/L	0.5	0.8	0.7	0.5	0.5	0.3
08.	Sulphide	mg/L	1.1	0.9	0.6	1.5	0.1	0.7
09.	Ammonical Nitrogen	mg/L	7.5	10.6	8.5	2.5	3.2	3.8
10.	Total Kjeldahl Nitrogen	mg/L	13.5	15.9	15.2	12.6	15.2	12.3
11.	Free Ammonia	mg/L	0.25	0.30	0.30	0.40	0.5	0.9
12.	Copper	mg/L	0.05	0.06	0.05	0.06	0.05	0.02
13.	Zinc	mg/L	0.23	0.40	0.20	0.30	0.4	0.2
14.	BOD 3 days at 27^{0}C	mg/L	22	**21**	235	41	42	35
15.	COD	mg/L	106	**74**	94	88	110	88
16	Total Residual Chlorine	mg/L	0.2	0.2	0.3	0.4	0.2	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.04	0.07	0.03	0.08	0.03	0.04
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.2	0.5	0.5	0.2	0.2	0.3
22.	Total Chromium	mg/L	0.4	0.3	0.6	0.8	0.5	0.4
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.4	0.4	0.5	0.5	0.2	0.3
26.	Iron	mg/L	0.7	0.6	0.4	0.6	0.4	0.2
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	0.8	BDL (DL- 2.0)	2.5	2.0	3.0	2.5

4.46. Wastewater Monitoring Data (M/s. Ramdev Chemical Industries)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021										
Wastewater Samples		Month	January 2021		February 2021			March 2021		
		Date of Sampling	04/01/21	19/01/21	05/02/21	09/02/21	23/02/21	01/03/21	09/03/21	19/03/21
S. No.	Test Parameters	Unit	Result							
01.	Temperature	^{0}C	28	28	30	20	30	31	31	32
02.	pH at 25^{0}C	pH unit	7.95	7.14	7.86	8.15	7.89	7.62	7.86	7.86
03.	Total Suspended Solids (TSS)	mg/L	34	25	35	46	61	40	42	45
04.	Chloride	mg/L	3923	3545	3278	4673	3899	4324	1253	3125
05.	Sulphate	mg/L	676	185	562	207	128	698	286	458
06.	Oil & grease	mg/L	2.2	1.2	1.8	1.8	4.2	2.6	2.0	3.5
07.	Fluoride	mg/L	0.6	0.6	0.9	0.1	1.6	0.7	0.8	0.1
08.	Sulphide	mg/L	0.6	0.8	0.8	0.7	2.0	0.5	2.3	0.8
09.	Ammonical Nitrogen	mg/L	5.9	3.1	2.2	4.2	6.9	4.2	2.6	5.2
10.	Total Kjeldahl Nitrogen	mg/L	4.2	2.5	1.2	1.5	2.9	2.0	1.9	2.5
11.	Free Ammonia	mg/L	0.45	0.25	0.27	0.26	0.75	0.56	0.68	0.63
12.	Copper	mg/L	0.04	0.08	0.07	0.07	0.08	0.12	0.06	0.02
13.	Zinc	mg/L	0.45	0.45	0.5	0.36	0.4	0.85	0.44	0.32
14.	BOD 3 days at 27^{0}C	mg/L	34	35	48	63	76	46	52	32
15.	COD	mg/L	119	95	126	208	240	149	152	198
16	Total Residual Chlorine	mg/L	0.3	0.2	0.4	0.6	0.5	0.3	0.1	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.05	0.05	0.05	0.04	0.05	0.02	0.03	0.05
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.4	0.5	0.4	0.6	0.6	0.6	0.8	0.3
22.	Total Chromium	mg/L	0.6	0.7	0.8	0.8	0.8	0.8	0.9	0.5
23.	Nickel	mg/L	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.5	0.5	0.3	0.5	0.3	0.4	0.5
26.	Iron	mg/L	0.6	0.4	0.6	0.5	0.4	0.6	0.5	0.8
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	2.0	2.0	2.2	2.0	3.2	3.2	2.6	3.0

4.47. Wastewater Monitoring Data (M/s. Benzo Chem Industries Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	20/10/20	31/10/20	04/11/20	25/11/20	04/12/20	18/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	30	29	29	29	30	29
02.	pH at 25^{0}C	pH unit	7.82	7.82	6.35	7.65	7.95	8.00
03.	Total Suspended Solids (TSS)	mg/L	52	45	62	58	48	55
04.	Chloride	mg/L	1594	1170	1090	80	435	317
05.	Sulphate	mg/L	1569	1656	1543	94	713	485
06.	Oil & grease	mg/L	4.0	2.5	1.8	1.5	1.5	2.5
07.	Fluoride	mg/L	0.8	0.8	0.6	0.8	0.4	0.7
08.	Sulphide	mg/L	0.8	0.5	0.5	0.9	0.7	0.9
09.	Ammonical Nitrogen	mg/L	12	5.2	8.5	5.0	2.5	4.5
10.	Total Kjeldahl Nitrogen	mg/L	18	9.2	18.4	12.5	12.0	12.4
11.	Free Ammonia	mg/L	0.35	0.3	0.60	0.30	0.45	0.50
12.	Copper	mg/L	0.06	0.08	0.05	0.06	0.08	0.04
13.	Zinc	mg/L	0.25	0.3	0.54	0.40	0.25	0.3
14.	BOD 3 days at 27^{0}C	mg/L	62	62	78	74	65	72
15.	COD	mg/L	172	175	232	185	172	238
16	Total Residual Chlorine	mg/L	0.4	0.4	0.3	0.5	0.2	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.05	0.07	0.07	0.02	0.03	0.03
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.5	0.6	0.4	0.2	0.5	0.6
22.	Total Chromium	mg/L	0.3	0.5	0.5	0.9	0.5	0.7
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.5	0.2	0.2	0.4	0.5
26.	Iron	mg/L	0.2	0.5	0.8	0.4	0.4	0.3
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	BDL (DL- 2.0)	1.1	2.5	2.0	3.5	3.5

4.48. Wastewater Monitoring Data (M/s. Benzo Chem Industries Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021								
Wastewater Samples		Month	January 2021		February 2021		March 2021	
		Date of Sampling	08/01/21	16/01/21	06/02/21	23/02/21	22/03/21	24/03/21
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	27	28	30	28	33	32
02.	pH at 25^{0}C	pH unit	7.65	7.86	7.78	7.46	7.86	7.86
03.	Total Suspended Solids (TSS)	mg/L	58	42	52	31	32	32
04.	Chloride	mg/L	543	526	625	326	2154	1562
05.	Sulphate	mg/L	685	825	789	186	723	725
06.	Oil & grease	mg/L	2.5	3.5	3.6	2.0	2.8	1.7
07.	Fluoride	mg/L	0.7	0.7	0.9	0.8	0.8	0.8
08.	Sulphide	mg/L	0.9	0.6	1.2	0.9	1.5	0.7
09.	Ammonical Nitrogen	mg/L	5.8	5.0	3.5	3.6	3.8	2.6
10.	Total Kjeldahl Nitrogen	mg/L	2.5	3.2	2.0	1.5	1.8	1.0
11.	Free Ammonia	mg/L	0.8	0.63	0.94	0.35	0.59	0.35
12.	Copper	mg/L	0.07	0.07	0.09	0.04	0.03	0.08
13.	Zinc	mg/L	0.32	0.32	0.87	0.28	0.26	0.53
14.	BOD 3 days at 27^{0}C	mg/L	85	62	62	28	42	42
15.	COD	mg/L	245	186	218	75	150	135
16	Total Residual Chlorine	mg/L	0.3	0.2	0.4	0.2	0.3	0.4
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.03	0.04	BDL (DL- 0.05)	BDL (DL- 0.05)	0.07	0.03
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.4	0.2	0.6	0.2	0.2	0.8
22.	Total Chromium	mg/L	0.5	0.6	0.8	0.3	0.5	0.9
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.4	0.4	0.4	0.7	0.2	0.6
26.	Iron	mg/L	0.3	0.8	0.2	0.2	0.5	0.58
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	3.5	3.0	3.2	1.6	5.2	2.4

4.49. Wastewater Monitoring Data (M/s. Fermenta Biotech Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	02/10/20	20/10/20	10/11/20	23/11/20	09/12/20	18/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	35	30	30	30	28	28
02.	pH at 25^{0}C	pH unit	7.52	7.65	7.52	7.65	7.65	7.85
03.	Total Suspended Solids (TSS)	mg/L	74	58	67	70	24	43
04.	Chloride	mg/L	685	1079	935	625	834	1105
05.	Sulphate	mg/L	380	448	179	357	232	340
06.	Oil & grease	mg/L	1.3	4.5	2.0	3.5	1.0	2.0
07.	Fluoride	mg/L	0.8	0.5	0.7	0.8	0.9	0.6
08.	Sulphide	mg/L	0.9	0.7	0.2	0.9	0.7	0.7
09.	Ammonical Nitrogen	mg/L	13	11.0	4.0	6.0	3.2	3.6
10.	Total Kjeldahl Nitrogen	mg/L	15.3	16.5	16.2	14.2	16.8	16.3
11.	Free Ammonia	mg/L	0.45	0.62	0.35	0.56	0.35	0.52
12.	Copper	mg/L	0.05	0.06	0.08	0.02	0.08	0.05
13.	Zinc	mg/L	0.3	0.25	0.35	0.35	0.45	0.32
14.	BOD 3 days at 27^{0}C	mg/L	87	72	87	89	29	55
15.	COD	mg/L	348	212	221	232	72	147
16	Total Residual Chlorine	mg/L	0.3	0.3	0.4	0.2	0.4	0.2
17	Arsenic	mg/L	BDL (DL- 0.01)	BDL (DL-0.01)	BDL (DL- 0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.06	0.05	0.06	0.05	0.02	0.04
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.4	0.3	0.3	0.2	0.2	0.5
22.	Total Chromium	mg/L	0.5	0.4	0.8	0.7	0.4	0.6
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.4	0.4	0.3	0.6	0.5	0.6
26.	Iron	mg/L	0.9	0.3	0.4	0.4	0.3	0.5
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.5	BDL (DL- 2.0)	0.4	1.0	1.5	2.5

4.50. Wastewater Monitoring Data (M/s. Fermenta Biotech Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021									
Wastewater Samples		Month	January 2021		February 2021		March 2021		
		Date of Sampling	12/01/21	23/01/21	06/02/21	18/02/21	08/03/21	17/03/21	26/03/21
S. No.	Test Parameters	Unit	Result						
01.	Temperature	^{0}C	28	29	30	29	29	30	33
02.	pH at 25^{0}C	pH unit	7.65	7.89	7.85	7.78	7.86	7.68	7.25
03.	Total Suspended Solids (TSS)	mg/L	48	25	40	18	35	35	28
04.	Chloride	mg/L	747	928	628	325	513	385	425
05.	Sulphate	mg/L	345	297	247	62	189	116	186
06.	Oil & grease	mg/L	3.2	1.2	2.6	0.4	1.6	3.0	2.0
07.	Fluoride	mg/L	0.8	0.5	0.5	0.2	0.7	0.8	0.7
08.	Sulphide	mg/L	0.2	0.8	0.8	0.3	1.0	1.2	0.3
09.	Ammonical Nitrogen	mg/L	5.8	2.6	2.9	1.1	2.5	2.3	2.4
10.	Total Kjeldahl Nitrogen	mg/L	2.5	1.6	1.2	1.0	1.8	1.3	1.3
11.	Free Ammonia	mg/L	0.95	0.75	0.28	0.76	0.35	0.76	0.75
12.	Copper	mg/L	0.02	0.05	BDL (DL- 0.05)	0.07	0.04	0.07	0.09
13.	Zinc	mg/L	0.25	0.45	0.24	0.4	0.22	0.28	0.56
14.	BOD 3 days at 27^{0}C	mg/L	68	34	42	22	45	38	40
15.	COD	mg/L	185	119	145	58	122	150	132
16	Total Residual Chlorine	mg/L	0.3	0.4	0.2	0.3	0.2	0.2	0.4
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.04	0.02	0.05	0.06	0.06	0.03	0.05
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.2	0.3	0.1	0.4	0.2	0.2	0.6
22.	Total Chromium	mg/L	0.5	0.5	0.7	0.8	0.4	0.3	0.8
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.4	0.2	0.3	0.7	0.5	0.5
26.	Iron	mg/L	0.5	0.3	0.5	0.4	0.25	0.3	0.6
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	3.5	1.5	2.8	1.9	2.3	2.5	2.6

4.51. Wastewater Monitoring Data (M/s. Hindustan M-1 Swaco Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	08/10/20	28/10/20	10/11/20	23/11/20	09/12/20	18/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	33	30	30	30	29	28
02.	pH at 25^{0}C	pH unit	8.15	8.32	8.00	8.00	8.15	7.85
03.	Total Suspended Solids (TSS)	mg/L	21	25	23	21	19	25
04.	Chloride	mg/L	73	70	82	157	157	96
05.	Sulphate	mg/L	25	25	39	47	85	36
06.	Oil & grease	mg/L	1.2	0.9	1.2	1.0	1.0	1.0
07.	Fluoride	mg/L	0.6	0.6	0.6	1.6	0.5	0.8
08.	Sulphide	mg/L	0.5	0.7	0.5	0.9	0.9	0.3
09.	Ammonical Nitrogen	mg/L	9.5	2.5	5.8	4.2	3.0	6.2
10.	Total Kjeldahl Nitrogen	mg/L	13.2	10.6	13.2	12.6	14.6	11.8
11.	Free Ammonia	mg/L	0.25	0.3	0.40	0.55	0.25	0.65
12.	Copper	mg/L	0.07	0.06	0.05	0.04	0.07	0.03
13.	Zinc	mg/L	0.19	0.2	0.25	0.52	0.35	0.2
14.	BOD 3 days at 27^{0}C	mg/L	11	25	25	24	25	32
15.	COD	mg/L	38	62	46	36	52	88
16	Total Residual Chlorine	mg/L	0.2	0.3	0.3	0.3	0.1	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.06	0.06	0.07	0.04	0.03	0.02
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.20	0.5	0.5	0.2	0.3	0.5
22.	Total Chromium	mg/L	0.3	0.5	0.7	0.6	0.6	0.5
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.3	0.8	0.4	0.5	0.2	0.7
26.	Iron	mg/L	0.9	0.6	0.5	0.3	0.5	0.2
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	0.9	2.0	1.0	1.6	1.0	4.2

4.52. Wastewater Monitoring Data (M/s. Hindustan M-1 Swaco Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021								
Wastewater Samples		Month	January 2021		February 2021		March 2021	
		Date of Sampling	11/01/21	22/01/21	06/02/21	18/02/21	05/03/21	19/03/21
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	28	28	29	28	29	32
02.	pH at 25^{0}C	pH unit	7.62	7.35	7.36	7.36	7.63	7.75
03.	Total Suspended Solids (TSS)	mg/L	16	19	21	16	32	22
04.	Chloride	mg/L	142	123	175	169	130	76
05.	Sulphate	mg/L	72	68	68	76	136	58
06.	Oil & grease	mg/L	0.9	1.0	1.1	1.2	2.0	1.5
07.	Fluoride	mg/L	0.5	0.6	0.4	0.4	0.3	0.6
08.	Sulphide	mg/L	0.7	0.5	0.7	0.1	0.5	0.9
09.	Ammonical Nitrogen	mg/L	1.5	1.0	1.3	1.4	2.1	3.4
10.	Total Kjeldahl Nitrogen	mg/L	1.5	1.8	0.8	1.2	1.3	2.0
11.	Free Ammonia	mg/L	0.85	0.45	0.61	0.58	0.25	0.39
12.	Copper	mg/L	0.03	0.04	0.03	0.09	0.05	0.06
13.	Zinc	mg/L	0.58	0.25	0.35	0.62	0.33	0.56
14.	BOD 3 days at 27^{0}C	mg/L	18	28	22	23	35	28
15.	COD	mg/L	48	69	59	52	96	76
16	Total Residual Chlorine	mg/L	0.2	0.3	0.2	0.3	0.4	0.5
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.02	0.03	BDL (DL- 0.05)	BDL (DL- 0.05)	0.01	0.03
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.3	0.3	0.6	0.6	0.6	0.3
22.	Total Chromium	mg/L	0.5	0.7	0.9	0.8	0.8	0.6
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.5	0.5	0.3	0.4	0.5	0.4
26.	Iron	mg/L	0.8	0.6	0.4	0.7	0.4	0.6
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.0	1.5	1.0	2.1	1.0	2.8

4.53. Wastewater Monitoring Data (M/s. Neogen Chemicals Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

	October 2020 to December 2020								
Wastewater Samples		Month	October 2020			November 2020		December 2020	
		Date of Sampling	06/10/20	16/10/20	31/10/20	11/11/20	23/11/20	04/12/20	24/12/20
S. No.	Test Parameters	Unit	Result						
01.	Temperature	^{0}C	35	32	30	29	29	29	28
02.	pH at 25^{0}C	pH unit	8.15	7.92	7.45	8.00	7.85	7.85	7.85
03.	Total Suspended Solids (TSS)	mg/L	14	86	58	40	45	36	22
04.	Chloride	mg/L	30	2409	2370	4374	4173	1474	1245
05.	Sulphate	mg/L	6	196	165	30	48	41	86
06.	Oil & grease	mg/L	1.5	3.2	2.0	1.5	1.5	1.1	2.0
07.	Fluoride	mg/L	0.7	1.0	0.6	0.7	0.8	0.7	0.7
08.	Sulphide	mg/L	0.8	1.1	0.7	1.2	1.0	0.4	0.8
09.	Ammonical Nitrogen	mg/L	10.2	11.3	4.2	2.5	5.0	1.2	3.5
10.	Total Kjeldahl Nitrogen	mg/L	16.2	14.6	11.5	15.4	15.2	14.3	16.5
11.	Free Ammonia	mg/L	0.15	0.45	0.5	0.60	0.35	0.40	0.95
12.	Copper	mg/L	0.07	0.06	0.079	0.05	0.06	0.08	0.05
13.	Zinc	mg/L	0.32	0.35	0.4	0.30	0.45	0.25	0.25
14.	BOD 3 days at 27^{0}C	mg/L	**13**	62	71	48	56	45	28
15.	COD	mg/L	**45**	235	225	114	132	126	99
16	Total Residual Chlorine	mg/L	0.2	0.2	0.3	0.2	0.3	0.2	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.04	0.07	0.05	0.05	0.02	0.03	0.04
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.1	0.2	0.7	0.3	0.2	0.2	0.4
22.	Total Chromium	mg/L	0.3	0.3	0.8	0.6	0.6	0.5	0.5
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.3	0.3	0.2	0.4	0.2	0.6	0.2
26.	Iron	mg/L	0.9	0.9	0.3	0.7	0.5	0.5	0.4
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.2	BDL (DL- 2.0)	2.0	2.5	2.5	2.2	4.5

4.54. Wastewater Monitoring Data (M/s. Neogen Chemicals Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021								
Wastewater Samples		Month	January 2021		February 2021		March 2021	
		Date of Sampling	05/01/21	18/01/21	06/02/21	18/02/21	08/03/21	17/03/21
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	29	28	29	28	29	30
02.	pH at 25^{0}C	pH unit	7.25	7.65	7.25	7.28	7.42	7.42
03.	Total Suspended Solids (TSS)	mg/L	19	28	35	13	16	13
04.	Chloride	mg/L	99	986	452	126	318	126
05.	Sulphate	mg/L	45	75	113	58	89	48
06.	Oil & grease	mg/L	1.5	2.0	2.1	0.8	1.2	1.0
07.	Fluoride	mg/L	0.5	0.2	0.8	0.7	0.2	0.4
08.	Sulphide	mg/L	0.8	0.4	0.6	0.4	0.9	0.6
09.	Ammonical Nitrogen	mg/L	9.6	2.5	1.7	0.6	1.3	2.8
10.	Total Kjeldahl Nitrogen	mg/L	8.2	2.5	1.1	1.4	1.0	1.2
11.	Free Ammonia	mg/L	0.86	0.58	0.67	0.81	0.3	0.26
12.	Copper	mg/L	0.06	0.08	0.08	0.05	0.05	0.06
13.	Zinc	mg/L	0.54	0.32	0.26	0.84	0.32	0.56
14.	BOD 3 days at 27^{0}C	mg/L	24	32	35	16	45	16
15.	COD	mg/L	88	110	124	29	89	45
16	Total Residual Chlorine	mg/L	0.4	0.3	0.3	0.2	0.3	0.5
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.02	0.05	BDL (DL- 0.05)	0.05	0.04	0.07
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.6	0.2	0.5	0.5	0.5	0.4
22.	Total Chromium	mg/L	0.8	0.5	0.5	0.7	0.8	0.7
23.	Nickel	mg/L	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.4	0.4	0.5	0.5	0.6	0.3
26.	Iron	mg/L	0.8	0.6	0.8	0.4	0.42	0.6
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	5.2	2.5	1.5	1.3	1.5	1.2

4.55. Wastewater Monitoring Data (M/s. Indofil Industries Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	05/10/20	21/10/20	12/11/20	27/11/20	03/12/20	22/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	34	34	30	29	29	29
02.	pH at 25^{0}C	pH unit	6.78	6.92	8.25	7.65	7.25	7.45
03.	Total Suspended Solids (TSS)	mg/L	28	48	46	50	52	52
04.	Chloride	mg/L	30010	3408	2564	180	3499	450
05.	Sulphate	mg/L	1558	22960	1845	1543	5426	23000
06.	Oil & grease	mg/L	0.8	2.5	2.5	2.8	1.8	2.5
07.	Fluoride	mg/L	0.8	0.7	0.6	0.7	0.3	0.8
08.	Sulphide	mg/L	0.6	0.6	1.0	0.4	0.5	0.7
09.	Ammonical Nitrogen	mg/L	4.6	7.6	3.5	6.8	4.5	4.6
10.	Total Kjeldahl Nitrogen	mg/L	6.8	14.9	12.3	12.8	16.2	13.8
11.	Free Ammonia	mg/L	0.09	0.50	0.20	0.4	0.5	0.65
12.	Copper	mg/L	0.06	0.07	0.08	0.08	0.02	0.05
13.	Zinc	mg/L	0.5	0.45	0.45	0.4	0.35	0.3
14.	BOD 3 days at 27^{0}C	mg/L	107	41	56	63	68	70
15.	COD	mg/L	390	135	138	152	186	225
16	Total Residual Chlorine	mg/L	0.2	0.3	0.6	0.3	0.3	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.09	0.04	0.06	0.05	0.03	0.04
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.3	0.4	0.4	0.8	0.2	0.4
22.	Total Chromium	mg/L	0.4	0.3	0.5	0.7	0.5	0.5
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.3	0.3	0.4	0.2	0.7
26.	Iron	mg/L	1.2	0.5	0.5	0.7	0.6	0.3
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.6	BDL (DL- 2.0)	2.5	3.0	1.8	2.2

4.56. Wastewater Monitoring Data (M/s. Indofil Industries Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021								
Wastewater Samples		Month	January 2021		February 2021		March 2021	
		Date of Sampling	06/01/21	21/01/21	08/02/21	20/02/21	03/03/21	25/03/21
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	30	28	29	25	28	32
02.	pH at 25^{0}C	pH unit	8.00	6.81	6.85	7.48	7.25	7.26
03.	Total Suspended Solids (TSS)	mg/L	40	54	58	24	45	19
04.	Chloride	mg/L	345	863	3599	350	3499	1268
05.	Sulphate	mg/L	4251	15423	62434	4813	24369	15264
06.	Oil & grease	mg/L	3.2	2.5	2.5	1.8	1.2	1.3
07.	Fluoride	mg/L	0.9	0.5	0.1	0.7	0.9	0.7
08.	Sulphide	mg/L	0.9	0.6	0.7	0.9	0.8	0.6
09.	Ammonical Nitrogen	mg/L	4.5	3.5	3.8	2.6	4.2	1.5
10.	Total Kjeldahl Nitrogen	mg/L	1.5	4.5	1.2	1.0	2.3	0.8
11.	Free Ammonia	mg/L	0.45	0.75	0.28	0.36	0.98	0.42
12.	Copper	mg/L	0.05	0.03	0.1	0.07	0.02	0.08
13.	Zinc	mg/L	0.75	0.25	0.5	0.4	0.84	0.46
14.	BOD 3 days at 27^{0}C	mg/L	52	62	62	26	52	22
15.	COD	mg/L	179	198	215	76	166	60
16	Total Residual Chlorine	mg/L	0.2	0.4	0.2	0.3	0.2	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.03	0.04	BDL (DL- 0.05)	BDL (DL- 0.05)	0.01	0.03
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.7	0.6	0.1	0.2	0.2	0.5
22.	Total Chromium	mg/L	0.8	0.8	0.5	0.5	0.4	0.6
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.5	0.4	0.2	0.3	0.4	0.4
26.	Iron	mg/L	0.6	0.7	0.6	0.6	0.6	0.53
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	2.5	2.5	1.8	1.1	3.6	1.6

4.57. Wastewater Monitoring Data (M/s. Macson Color Chem Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	07/10/20	20/10/20	03/11/20	19/11/20	03/12/20	21/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	32	33	28	29	29	28
02.	pH at 25^{0}C	pH unit	8.15	7.52	8.52	8.26	7.85	7.95
03.	Total Suspended Solids (TSS)	mg/L	22	18	16	22	19	12
04.	Chloride	mg/L	28	21	25	22	41	24
05.	Sulphate	mg/L	38	19	18	35	27	19
06.	Oil & grease	mg/L	0.5	2.0	1.1	2.0	0.6	1.5
07.	Fluoride	mg/L	0.6	0.5	0.9	0.4	0.5	0.4
08.	Sulphide	mg/L	0.5	0.6	0.7	0.9	1.0	0.5
09.	Ammonical Nitrogen	mg/L	12.5	9.8	8.2	2.9	1.2	3.2
10.	Total Kjeldahl Nitrogen	mg/L	14.2	19.2	15.6	16.7	10.2	16.5
11.	Free Ammonia	mg/L	0.22	0.5	0.40	0.7	0.60	0.50
12.	Copper	mg/L	0.07	0.08	0.04	0.04	0.04	0.02
13.	Zinc	mg/L	0.21	0.35	0.50	0.35	0.25	0.25
14.	BOD 3 days at 27^{0}C	mg/L	9	11	15	25	26	13
15.	COD	mg/L	26	22	32	40	52	28
16	Total Residual Chlorine	mg/L	0.2	0.3	0.2	0.5	0.4	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	0.08	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.06	BDL (DL-0.05)	0.06	BDL (DL-0.05)	0.02	0.02
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.3	0.6	0.5	0.2	0.3	0.3
22.	Total Chromium	mg/L	0.4	0.5	0.6	0.4	0.6	0.5
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.6	0.7	0.3	0.3	0.5
26.	Iron	mg/L	0.5	0.2	0.5	0.4	0.5	0.4
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.4	1.0	1.0	2.0	1.0	1.5

4.58. Wastewater Monitoring Data (M/s. Macson Color Chem Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021									
Wastewater Samples		Month	January 2021		February 2021		March 2021		
		Date of Sampling	13/01/21	20/01/21	08/02/21	15/02/21	02/03/21	11/03/21	19/03/21
S. No.	Test Parameters	Unit	Result						
01.	Temperature	^{0}C	28	28	28	28	26	31	30
02.	pH at 25^{0}C	pH unit	7.65	7.25	7.32	7.15	7.75	7.45	7.74
03.	Total Suspended Solids (TSS)	mg/L	10	10	16	12	18	26	12
04.	Chloride	mg/L	40	35	52	58	75	412	125
05.	Sulphate	mg/L	55	22	38	28	67	208	85
06.	Oil & grease	mg/L	1.0	1.0	1.2	1.0	1.1	1.2	1.0
07.	Fluoride	mg/L	0.9	0.4	0.6	0.6	0.5	0.5	0.5
08.	Sulphide	mg/L	0.3	0.8	0.8	0.5	0.8	1.2	0.7
09.	Ammonical Nitrogen	mg/L	1.2	1.0	2.5	3.2	1.2	2.5	2.2
10.	Total Kjeldahl Nitrogen	mg/L	1.0	1.0	1.1	1.0	1.0	1.3	1.0
11.	Free Ammonia	mg/L	0.75	0.35	0.26	0.84	0.39	0.34	0.25
12.	Copper	mg/L	0.06	0.02	0.05	0.09	0.02	0.08	0.12
13.	Zinc	mg/L	0.45	0.3	0.69	0.1	0.36	0.26	0.85
14.	BOD 3 days at 27^{0}C	mg/L	15	18	18	16	25	32	16
15.	COD	mg/L	30	32	45	43	58	89	38
16	Total Residual Chlorine	mg/L	0.2	0.3	0.3	0.3	0.3	0.6	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.04	0.03	BDL (DL- 0.05)	BDL (DL- 0.05)	0.05	0.02	0.06
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.6	0.3	0.7	0.4	0.2	0.3	0.6
22.	Total Chromium	mg/L	0.8	0.7	0.7	0.7	0.5	0.5	0.8
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.3	0.5	0.3	0.5	0.5	0.2	0.2
26.	Iron	mg/L	0.7	0.7	0.6	0.1	0.3	0.34	0.5
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.0	1.5	1.0	1.0	1.2	1.8	1.8

4.59. Wastewater Monitoring Data (M/s. Meghmani Unichem LLP.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	10/10/20	27/10/20	06/11/20	23/11/20	05/12/20	22/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	33	33	30	28	30	29
02.	pH at 25^{0}C	pH unit	7.85	7.95	7.25	7.92	7.65	7.85
03.	Total Suspended Solids (TSS)	mg/L	45	52	48	63	46	55
04.	Chloride	mg/L	1649	1570	1220	1694	2754	2909
05.	Sulphate	mg/L	182	1163	93	292	52	108
06.	Oil & grease	mg/L	1.2	1.2	2.0	1.5	1.5	2.0
07.	Fluoride	mg/L	0.5	0.6	0.6	0.8	0.7	0.7
08.	Sulphide	mg/L	0.5	0.6	0.6	2.0	0.5	0.5
09.	Ammonical Nitrogen	mg/L	9.5	5.2	3.2	7.0	2.0	5.2
10.	Total Kjeldahl Nitrogen	mg/L	14.5	11.8	15.6	15.8	6.5	18.5
11.	Free Ammonia	mg/L	0.35	0.6	0.60	0.30	0.3	0.85
12.	Copper	mg/L	0.08	0.06	0.05	0.06	0.07	0.04
13.	Zinc	mg/L	0.25	0.3	0.30	0.52	0.52	0.45
14.	BOD 3 days at 27^{0}C	mg/L	98	63	68	81	62	65
15.	COD	mg/L	384	185	174	206	165	232
16	Total Residual Chlorine	mg/L	0.2	0.3	0.3	0.5	0.2	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.05	0.06	0.04	0.04	0.04	BDL (DL-0.05)
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.2	0.6	0.3	0.4	0.5	0.3
22.	Total Chromium	mg/L	0.3	0.4	0.7	0.35	0.6	0.4
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.5	0.5	0.4	0.3	0.6
26.	Iron	mg/L	0.6	0.4	0.4	0.2	0.4	0.5
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.5	1.2	2.5	2.0	2.0	2.5

4.60. Wastewater Monitoring Data (M/s. Meghmani Unichem LLP.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021									
Wastewater Samples		Month	January 2021		February 2021		March 2021		
		Date of Sampling	02/01/21	20/01/21	08/02/21	17/02/21	02/03/2021	12/03/21	20/03/21
S. No.	Test Parameters	Unit	Result						
01.	Temperature	^{0}C	27	28	30	32	35	29	32
02.	pH at 25^{0}C	pH unit	7.85	7.69	7.84	7.63	8.14	7.56	7.95
03.	Total Suspended Solids (TSS)	mg/L	24	40	61	58	58	66	62
04.	Chloride	mg/L	1134	2823	2129	1549	599	1589	2856
05.	Sulphate	mg/L	74	98	149	568	123	248	852
06.	Oil & grease	mg/L	3.5	1.5	2.9	1.3	2.3	2.8	3.5
07.	Fluoride	mg/L	0.8	0.6	1.2	0.7	1.2	0.9	1.3
08.	Sulphide	mg/L	0.1	0.7	0.9	0.8	0.2	1.0	1.6
09.	Ammonical Nitrogen	mg/L	7.8	1.4	3.1	8.6	4.5	3.5	7.9
10.	Total Kjeldahl Nitrogen	mg/L	18.4	2.5	1.3	1.6	2.3	1.8	3.9
11.	Free Ammonia	mg/L	0.45	0.45	0.39	0.61	0.86	0.86	0.98
12.	Copper	mg/L	0.02	0.06	0.06	0.04	0.09	0.07	0.08
13.	Zinc	mg/L	0.52	0.3	0.35	0.5	0.28	0.48	0.72
14.	BOD 3 days at 27^{0}C	mg/L	123	58	72	72	72	75	92
15.	COD	mg/L	234	186	258	242	233	245	239
16	Total Residual Chlorine	mg/L	0.2	0.2	0.2	0.4	0.4	0.2	0.6
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.02	0.4	0.08	BDL (DL- 0.05)	0.03	0.04	0.01
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.2	0.5	0.8	0.3	0.8	0.4	0.2
22.	Total Chromium	mg/L	0.5	0.6	0.6	0.8	0.9	0.5	0.3
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.2	0.3	0.5	0.4	0.5	0.2	0.5
26.	Iron	mg/L	0.3	0.4	0.4	0.6	0.3	0.4	0.8
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	2.5	2.5	2.5	1.5	4.3	3.6	6.5

4.61. Wastewater Monitoring Data (M/s. SEZ -1 Pumping Station - C)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to March 2021										
Wastewater Samples		Month	December 2020	January 2021			February 2021		March 2021	
		Date of Sampling	24/12/20	04/01/21	19/01/21	25/01/21	08/02/21	23/02/21	18/03/21	25/03/21
S. No.	Test Parameters	Unit	Result							
01.	Temperature	^{0}C	28	28	28	28	30	30	36	34
02.	pH at 25^{0}C	pH unit	7.85	2.75	2.36	2.58	7.86	7.35	9.05	7.89
03.	Total Suspended Solids (TSS)	mg/L	**1215**	**80**	**157**	**165**	**325**	**245**	**826**	**548**
04.	Chloride	mg/L	5698	2884	6198	5248	5198	3880	6245	5246
05.	Sulphate	mg/L	8056	4017	563	758	6482	1300	3745	3854
06.	Oil & grease	mg/L	18.5	12.5	12.5	14.2	5.6	5.8	12.8	3.5
07.	Fluoride	mg/L	5.4	6.5	3.5	2.5	1.5	5.6	2.8	1.8
08.	Sulphide	mg/L	12.6	8.5	2.8	1.5	1.0	5.2	4.2	2.8
09.	Ammonical Nitrogen	mg/L	22.8	18.6	12.3	10.6	12.5	9.8	11.8	12.6
10.	Total Kjeldahl Nitrogen	mg/L	25.2	13.5	8.2	5.6	8.5	4.2	5.8	5.6
11.	Free Ammonia	mg/L	5.2	0.52	0.89	0.75	0.84	0.98	1.5	0.98
12.	Copper	mg/L	0.15	0.08	0.09	0.07	0.09	0.12	0.22	0.25
13.	Zinc	mg/L	0.18	0.65	0.32	0.42	0.62	0.85	0.58	0.72
14.	BOD 3 days at 27^{0}C	mg/L	**1437**	**586**	**725**	**625**	**528**	**318**	**725**	**875**
15.	COD	mg/L	**4311**	**1838**	**2711**	**2512**	**2293**	**944**	**4542**	**3071**
16	Total Residual Chlorine	mg/L	0.5	0.2	0.2	0.4	0.7	0.8	0.8	0.9
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL- 0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL - 0.01)	BDL (DL -0.01)	BDL (DL -0.01)	BDL (DL -0.01)
19.	Lead	mg/L	0.08	0.04	0.04	0.04	0.1	0.07	0.03	0.08
20.	Cadmium	mg/L	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)	BDL (DL-0.05)
21.	Hexavalent Chromium	mg/L	0.5	0.3	0.2	0.4	0.5	0.8	0.8	0.8
22.	Total Chromium	mg/L	0.9	0.5	0.6	0.5	0.8	0.9	0.9	0.9
23.	Nickel	mg/L	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)	BDL (DL -0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.7	0.2	0.3	0.4	0.5	0.5	0.4	0.7
26.	Iron	mg/L	0.5	0.7	0.5	0.6	0.8	0.3	0.62	0.78
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	25.9	12.5	8.6	10.8	8.6	5.6	8.5	6.5

4.62. Wastewater Monitoring Data (M/s. Firmenich Aeromatics Production (India) Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

October 2020 to December 2020								
Wastewater Samples		Month	October 2020		November 2020		December 2020	
		Date of Sampling	15/10/20	29/10/20	06/11/20	24/11/20	08/12/20	25/12/20
S. No.	Test Parameters	Unit	Result					
01.	Temperature	^{0}C	35	30	30	329	29	28
02.	pH at 25^{0}C	pH unit	8.25	7.42	7.65	7.75	7.75	7.90
03.	Total Suspended Solids (TSS)	mg/L	23	33	35	42	49	58
04.	Chloride	mg/L	870	585	690	710	545	475
05.	Sulphate	mg/L	185	609	711	535	365	245
06.	Oil & grease	mg/L	2.5	1.1	1.2	1.1	2.0	2.5
07.	Fluoride	mg/L	0.9	0.8	0.7	0.8	0.8	0.8
08.	Sulphide	mg/L	0.8	0.6	0.8	0.2	0.9	0.6
09.	Ammonical Nitrogen	mg/L	13.2	5.0	5.9	5.8	5.0	5.0
10.	Total Kjeldahl Nitrogen	mg/L	16.5	10.2	14.2	20.5	18.2	17.5
11.	Free Ammonia	mg/L	0.64	0.8	0.54	0.50	0.25	0.7
12.	Copper	mg/L	0.04	0.07	0.06	0.07	0.04	0.04
13.	Zinc	mg/L	0.2	0.7	0.35	0.30	0.25	0.45
14.	BOD 3 days at 27^{0}C	mg/L	29	38	47	53	68	78
15.	COD	mg/L	110	103	112	122	183	235
16	Total Residual Chlorine	mg/L	0.2	0.2	0.2	0.2	0.3	0.2
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL -0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.05	0.08	0.02	0.04	0.04	0.04
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL-0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.3	0.5	0.4	0.3	0.3	0.2
22.	Total Chromium	mg/L	0.3	0.3	0.8	0.8	0.3	0.7
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL -0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.3	0.6	0.4	0.4	0.6	0.4
26.	Iron	mg/L	0.6	0.5	0.8	0.2	0.7	0.3
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	1.5	1.6	1.2	3.0	1.5	2.0

4.63. Wastewater Monitoring Data (M/s. Firmenich Aeromatics Production (India) Pvt. Ltd.)

For M/s. Dahej SEZ Limited (SEZ Developer)

January 2021 to March 2021									
Wastewater Samples		Month	January 2021		February 2021			March 2021	
		Date of Sampling	06/01/21	19/01/21	09/02/21	20/02/21	26/02/21	03/03/21	17/03/21
S. No.	Test Parameters	Unit	Result						
01.	Temperature	^{0}C	29	28	28	29	29	35	32
02.	pH at 25^{0}C	pH unit	7.65	7.85	7.95	8.16	7.63	7.76	7.83
03.	Total Suspended Solids (TSS)	mg/L	35	43	62	38	38	54	48
04.	Chloride	mg/L	3074	675	1759	1236	1241	1849	1245
05.	Sulphate	mg/L	1043	423	1091	846	568	683	385
06.	Oil & grease	mg/L	2.5	2.5	2.0	2.3	2.5	2.5	2.5
07.	Fluoride	mg/L	0.8	0.5	0.9	0.8	1.6	0.7	0.7
08.	Sulphide	mg/L	0.9	0.6	0.9	0.4	1.4	3.2	0.8
09.	Ammonical Nitrogen	mg/L	7.5	3.0	6.4	5.2	3.3	4.6	3.9
10.	Total Kjeldahl Nitrogen	mg/L	4.6	2.5	2.5	1.8	1.3	2.3	1.8
11.	Free Ammonia	mg/L	0.75	0.72	0.34	0.68	0.24	0.78	0.52
12.	Copper	mg/L	0.04	0.05	0.08	0.06	0.08	0.12	0.03
13.	Zinc	mg/L	0.42	0.35	0.25	0.56	0.36	0.85	0.36
14.	BOD 3 days at 27^{0}C	mg/L	54	52	76	52	59	75	68
15.	COD	mg/L	175	158	238	162	174	232	210
16	Total Residual Chlorine	mg/L	0.2	0.2	0.5	0.5	0.7	0.3	0.3
17	Arsenic	mg/L	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)	BDL (DL-0.01)
18.	Mercury	mg/L	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)	BDL (DL- 0.01)
19.	Lead	mg/L	0.06	0.04	0.05	BDL (DL- 0.05)	0.07	0.07	0.03
20.	Cadmium	mg/L	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)	BDL (DL- 0.05)
21.	Hexavalent Chromium	mg/L	0.2	0.4	0.2	0.4	0.3	0.2	0.2
22.	Total Chromium	mg/L	0.4	0.7	0.5	0.6	0.7	0.3	0.5
23.	Nickel	mg/L	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)	BDL (DL- 0.3)
24.	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25.	Phenolic compound	mg/L	0.3	0.5	0.2	0.2	0.4	0.6	0.2
26.	Iron	mg/L	0.5	0.7	0.5	0.5	0.3	0.5	0.5
27.	Vanadium	mg/L	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)	BDL (DL- 0.1)
28.	Manganese	mg/L	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)	BDL (DL- 0.21)
29.	Nitrate Nitrogen as NO_3-N	mg/L	6.5	4.0	2.6	2.3	2.5	3.4	3.2

5. SOIL QUALITY MONITORING REPORT

Period: October 2020 to March 2021

FOR

DAHEJ SEZ LIMITED

M/s. Dahej SEZ Ltd. (SEZ Developer)

Located at
Dahej SEZ Part - I
At & Post: Dahej, Taluka – Vagra,
Dist. Bharuch – 392 140, Gujarat

5.1. Soil Quality Monitoring Data (October 2020 to March 2021)

For M/s. Dahej SEZ Limited (SEZ Developer)

Soil Sample Nr. Accent Microcell	Month: January 2021		
	Date of Sampling: 16/01/21		
S. No.	**Test Parameters**	**Unit**	**Result**
1	Arsenic	mg/kg	2.5
2	Lead	mg/kg	3.5
3	Antimony	mg/kg	BDL (DL-0.2)
4	Beryllium	mg/kg	BDL (DL-0.8)
5	Chromium	mg/kg	28.5
6	Titanium	mg/kg	N.D.
7	Zinc	mg/kg	71.2
8	Selenium	mg/kg	N.D.
9	Silver	mg/kg	BDL (DL-0.5)
10	Nickel	mg/kg	3.5
11	Cadmium	mg/kg	1.3
12	VOCs	PPb	Absent
13	SVOCs	PPb	Absent
14	Copper	mg/kg	25.2
15	Mercury	mg/kg	BDL (DL-0.2)
16	PCB	PPb	Absent
17	TPH	PPb	Absent
18	PAH	PPb	Absent
Note: BDL=Below Detection Limit, **MDL=**Minimum Detection Limit			

6. NABL CERTIFICATE OF THE LABORATORY

National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)

CERTIFICATE OF ACCREDITATION

ECOSYSTEM RESOURCE MANAGEMENT PVT. LTD.

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

FIRST FLOOR, ASHOKA PAVILLION - A, NEW CIVIL ROAD, SURAT, GUJARAT, INDIA

in the field of

TESTING

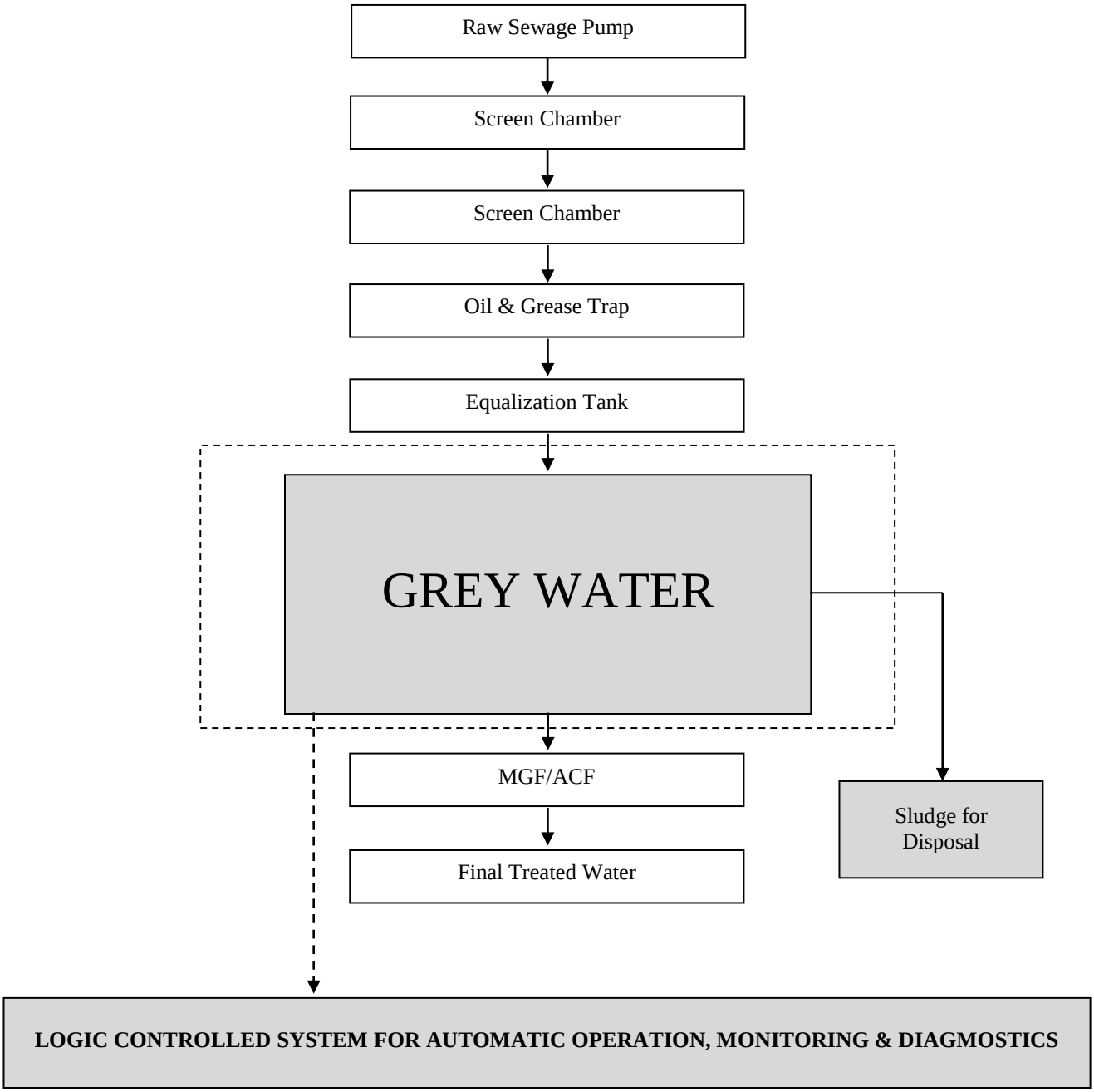
Certificate Number:	TC-6603		
Issue Date:	15/11/2019	Valid Until:	14/11/2021

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Signed for and on behalf of NABL

N. Venkateswaran
Chief Executive Officer


Raw Sewage Pump
Screen Chamber
Screen Chamber
Oil & Grease Trap
Equalization Tank
GREY WATER
MGF/ACF
Final Treated Water
Sludge for Disposal
LOGIC CONTROLLED SYSTEM FOR AUTOMATIC OPERATION, MONITORING & DIAGMOSTICS

Dahej SEZ Limited
Block No.14, 3rd Floor, Udyog Bhavan,
Sector-11, Gandhinagar-382017, Gujarat, India
Phone : +91-79-23241590, 29750838
Fax : (079) 23241736
e-mail : ceo@dahejsez.com, info@dahejsez.com
website : www.dahejsez.com
CIN : U45209GJ2004PLC044779
GSTIN : 24AACCD8098E3ZJ

No.: DSL/Agency/Environment Compliance/945/1760 Date: 25/01/2021

To,
The Director(s)
Ministry of Environment, Forest & Climate Change
Regional Office (West Region)
"Kendriya ParyavaranBhavan"
Link Road No. 3E-5, Ravi Shankar Nagar,
Bhopal – 462016 (M.P.)

Sub: Submission of Half Yearly compliance report **(Period: April 2020 to September 2020)** of Environment Clearance (EC) & Coastal Regulation Zone (CRZ) Clearance obtained for Development of M/s. Dahej SEZ Limited (SPV of GIDC & ONGC) located at Tal. Vagra, District Bharuch, Gujarat

Ref: 1. Environment Clearance letter no. 21-1084/2007-IA.III dated 17th March 2010
2. CRZ Clearance letter no. F. No. 11-50/2011-IA.II dated 19th September 2014

Dear Sir,

The above referred Environment Clearance (EC) and Coastal Regulation Zone (CRZ) clearance were granted to M/s. Dahej SEZ Limited located at TalukaVagra, District Bharuch under the EIA Notification – 2006 and CRZ Notification – 2011 respectively.

Half yearly compliance reports **(Period: April 2020 to September 2020)** for Environment Clearance (EC) and Coastal Regulation Zone (CRZ) clearance obtained for Development of M/s. Dahej SEZ Limited is enclosed for your kind consideration.

We hope that our submission is in line with the EC and CRZ compliance submission.

In light of above facts, we request your kind self to consider our submission favourably and do the needful & oblige.

Thanking you,
Yours faithfully,
Patil
S. N. Patil
Chief Executive Officer

Encl.: As Above

Dahej SEZ Limited
Block No.14, 3rd Floor, Udyog Bhavan,
Sector-11, Gandhinagar-382017, Gujarat, India
Phone : +91-79-23241590, 29750838
Fax : (079) 23241736
e-mail : ceo@dahejsez.com, info@dahejsez.com
website : www.dahejsez.com
CIN : U45209GJ2004PLC044779
GSTIN : 24AACCD8098E3ZJ

Ref.: DSL/Agency/Environment Compliance/945/ 677 Date: 24/06/2020

To,
The Director (S)
Ministry of Environment and Forests,
Regional Office (Western Region),
"Kendriya Paryavaran Bhavan"
Link Road no.3E-5, Ravi Shankar Nagar
Bhopal – 462 016 (Madhya Pradesh)

Sub: Submission of Half Yearly **(Period - October-2019 to March-2020)** EC compliance report for the Granted Environmental Clearance and CRZ clearance for Development of Dahej SEZ Ltd. (SPV of GIDC & ONGC)at. Tal. Vagra, Bharuch District (Gujarat)

Ref.: 1. Environmental Clearance No. 21-1084/2007-IA.III Dated 17th March 2010
2. CRZ clearance F.No. 11-50/2011-IA.II Dated 19th September 2014

Dear Sir,

With reference to above Environmental Clearance (EC) and CRZ Clearance were granted to Dahej SEZ Ltd., at Dahej, Taluka Vagra, Bharuch District, Gujarat Under section 9 of The EIA Notification – 2006 - S.O. 1533 dated 14th September 2006 and the Coastal Regulation Zone Notification 2011 at respectively.

Half Yearly reports **(Period - October-2019 to March-2020)** for EC compliance report along with environmental monitoring reports and other required details Environmental Clearance and CRZ Clearance for Granted for our Development of Dahej SEZ Ltd., at Dahej, Tal. Vagra, Bharuch District (Gujarat) is enclosed for your kind consideration.

We hope that our submission is in line with the EC and CEZ compliance.

Thanking you.
Yours sincerely,
Patil
S. N. Patil
Chief Executive Officer

Encl.: A/a

Dahej SEZ Limited
Block No.14, 3rd Floor, Udyog Bhavan,
Sector-11, Gandhinagar-382017, Gujarat, India
Phone : +91-79-23241590, 29750838
Fax : (079) 23241736
e-mail : ceo@dahejsez.com, info@dahejsez.com
website : www.dahejsez.com
CIN : U45209GJ2004PLC044779
GSTIN : 24AACCD8098E3ZJ

Ref.: DSL/Environment/Agency/2019/1223/ 3229 Date: 19/11/2019

To,
The Director (S)
Ministry of Environment and Forests,
Regional Office (Western Region),
"Kendriya Paryavaran Bhavan"
Link Road no.3E-5, Ravi Shankar Nagar
Bhopal – 462 016 (M.P.)

Sub: Submission of Half Yearly (Period - April-2019 to September-2019) EC compliance report for the Granted Environmental Clearance and CRZ clearance for Development of Dahej SEZ Ltd. (SPV of GIDC & ONGC) at. Tal. Vagra, Bharuch District (Gujarat).

Ref.: 1. Environmental Clearance No. 21-1084/2007-IA.III Dated 17th March 2010
2. CRZ clearance F. No. 11-50/2011-IA. II Dated 19th September 2014.

Dear Sir,

With reference to above Environmental Clearance and CRZ Clearance were granted to Dahej SEZ Ltd., at Dahej, Taluka Vagra, Bharuch District, Gujarat. Under section 9 of The EIA Notification – 2006 - S.O. 1533 dated 14th September 2006 and the Coastal Regulation Zone Notification 2011 at respectively.

Herewith we are submitting Half Yearly (Period - April-2019 to September-2019) EC compliance report along with environmental monitoring reports and other required details Environmental Clearance and CRZ Clearance for Granted for our Development of Dahej SEZ Ltd., at Dahej, Tal. Vagra, Bharuch District (Gujarat) for your kind consideration.

We hope that our submission is in line with the EC and CEZ compliance.

Thanking You,
Yours Faithfully,

S N Patil

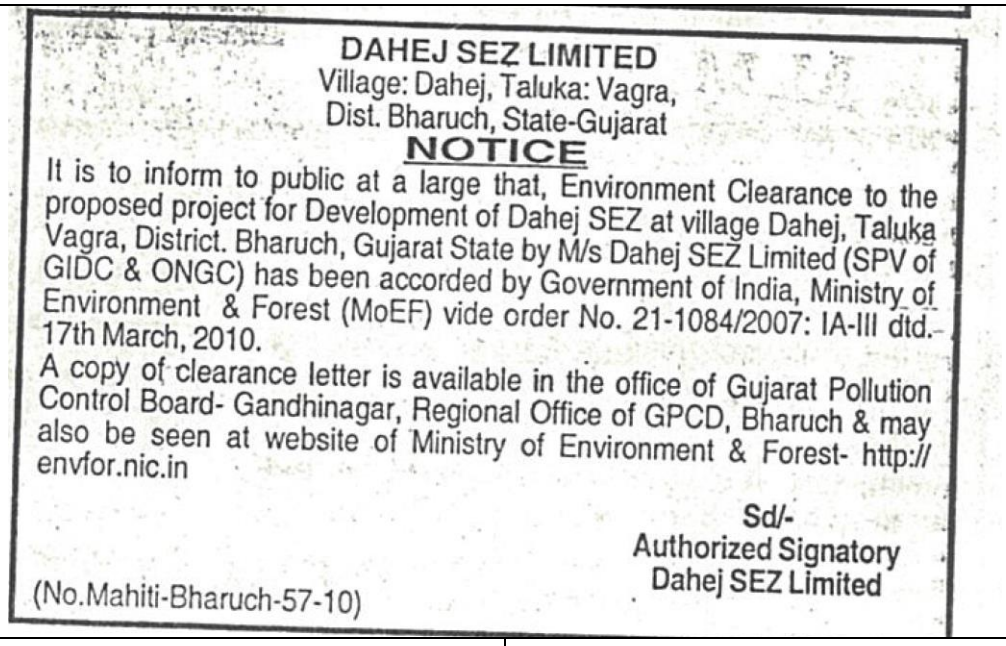
Chief Executive Officer

Encl: As above

12/12/19
कार्यालय/OFFICE
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forests & Climate Change,
क्षेत्रीय कार्यालय (पश्चिमी क्षेत्र)/Regional Office(Western Zone)
भोपाल (म.प्र.)/BHOPAL-462016

For EC Clearance

Language: English
Publication: Gujarat Samachar (Vadodara Edition)
Date: 29.04.2010



DAHEJ SEZ LIMITED
Village: Dahej, Taluka: Vagra,
Dist. Bharuch, State-Gujarat

NOTICE

It is to inform to public at a large that, Environment Clearance to the proposed project for Development of Dahej SEZ at village Dahej, Taluka Vagra, District. Bharuch, Gujarat State by M/s Dahej SEZ Limited (SPV of GIDC & ONGC) has been accorded by Government of India, Ministry of Environment & Forest (MoEF) vide order No. 21-1084/2007: IA-III dtd. 17th March, 2010.

A copy of clearance letter is available in the office of Gujarat Pollution Control Board- Gandhinagar, Regional Office of GPCD, Bharuch & may also be seen at website of Ministry of Environment & Forest- http:// envfor.nic.in

Sd/-
Authorized Signatory
Dahej SEZ Limited

(No.Mahiti-Bharuch-57-10)

Language: Gujarat
Publication: Gujarat Prabha (Bharuch Edition)
Date: 28.04.2010

મેમર્સ દહેજ એસ.ઈ.ઝેડ.લિમટેડ

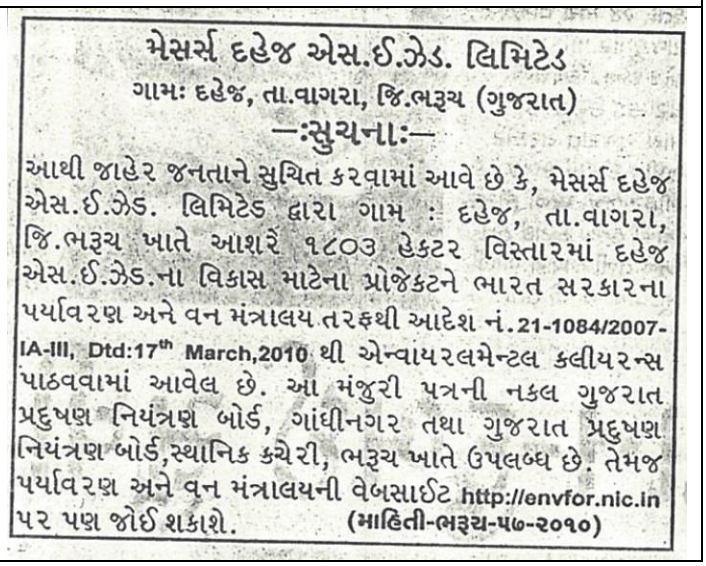
ગામ:દહેજ,તા.વાગરા,જિ.ભરૂચ (ગુજરાત)

-:સુચના:-

આથી જાહેર જનતાને સુચિત કરવામાં આવે છે કે, મેસર્સ દહેજ એસ.ઈ.ઝેડ.લિમિટેડ દ્વારા ગામ:દહેજ,તા.વાગરા, જિ.ભરૂચ ખાતે આશરે ૧૮૦૩ હેકટર વિસ્તારમાં દહેજ એસ.ઈ.ઝેડ.ના વિકાસ માટેના પ્રોજેકટને ભારત સરકારના પર્યાવરણ અને વનમંત્રાલય તરફથી આદેશ નં.21-1084/2007-IA-III,Dtd: 17"March, 2010 થી એન્વાયરલમેન્ટલ કલીયરન્સ પાઠવવામાં આવેલ છે. આ મંજુરી પત્રની નકલ ગુજરાત પ્રદૂષણ નિયંત્રણ બોર્ડ, ગાંધીનગર તથા ગુજરાત પ્રદૂષણ નિયંત્રણ બોર્ડ,ગાંધીનગર તથા ગુજરાત પ્રદૂષણ નિયંત્રણ બોર્ડ, સ્થાનિક કચેરી, ભરૂચ ખાતે ઉપલબ્ધ છે.તેમજ પર્યાવરણ અને વનમંત્રાલયની વેબસાઈટhttps:/envfor.nic.in પર પણ જોઈ શકાશે.

માહિતી/ભરૂચ/૫૭/૨૦૧૦

Language: Gujarat
Publication: Sandesh (Vadodara Edition)
Date: 29.04.2010



મેસર્સ દહેજ એસ.ઈ.ઝેડ. લિમિટેડ

ગામઃ દહેજ, તા.વાગરા, જિ.ભરૂચ (ગુજરાત)

—:સુચના:—

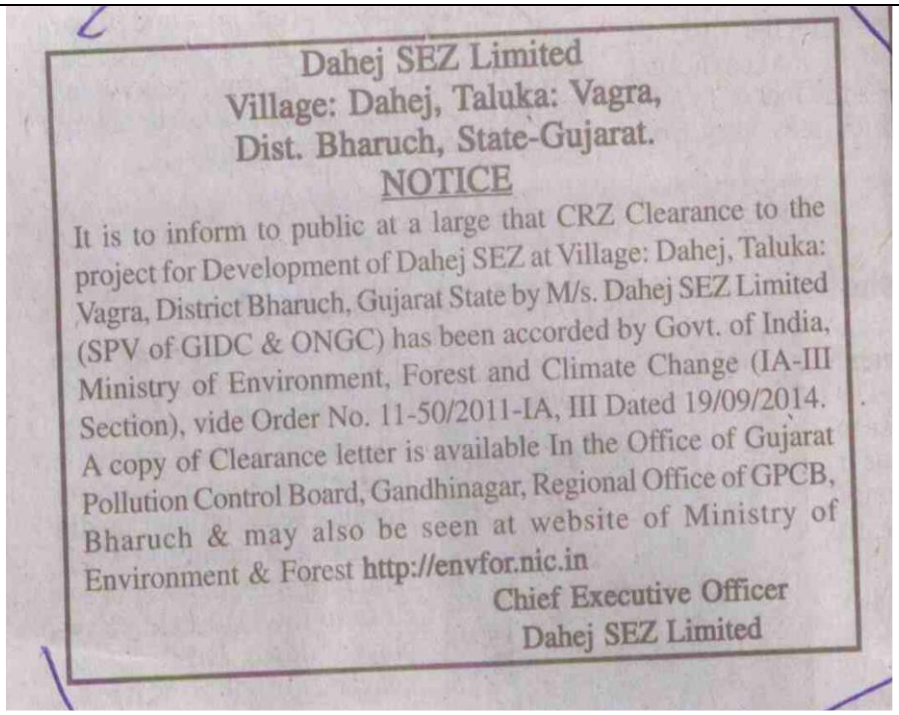
આથી જાહેર જનતાને સુચિત કરવામાં આવે છે કે, મેસર્સ દહેજ એસ.ઈ.ઝેડ. લિમિટેડ દ્વારા ગામ : દહેજ, તા.વાગરા, જિ.ભરૂચ ખાતે આશરે ૧૮૦૩ હેકટર વિસ્તારમાં દહેજ એસ.ઈ.ઝેડ.ના વિકાસ માટેના પ્રોજેકટને ભારત સરકારના પર્યાવરણ અને વન મંત્રાલય તરફથી આદેશ નં.21-1084/2007-IA-III, Dtd:17th March,2010 થી એન્વાયરલમેન્ટલ કલીયરન્સ પાઠવવામાં આવેલ છે. આ મંજુરી પત્રની નકલ ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ, ગાંધીનગર તથા ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ,સ્થાનિક કચેરી, ભરૂચ ખાતે ઉપલબ્ધ છે. તેમજ પર્યાવરણ અને વન મંત્રાલયની વેબસાઈટ http://envfor.nic.in પર પણ જોઈ શકાશે. (માહિતી-ભરૂચ-૫૭-૨૦૧૦)

For CRZ Clearance

Language: English

Publication: Times of India (Ahmedabad Edition)

Date: 11.10.2014



Dahej SEZ Limited
Village: Dahej, Taluka: Vagra,
Dist. Bharuch, State-Gujarat.

NOTICE

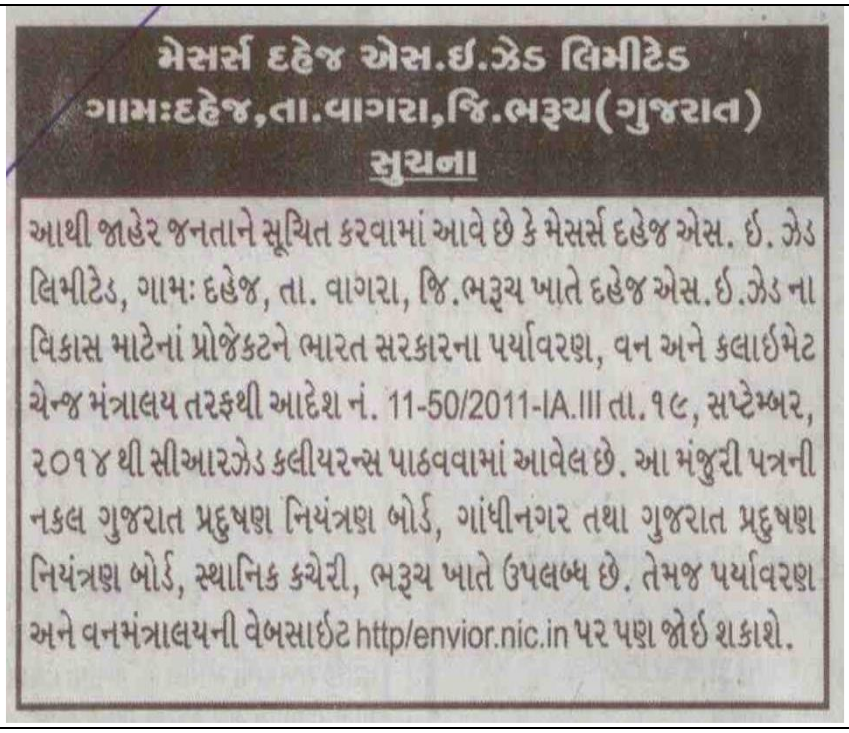
It is to inform to public at a large that CRZ Clearance to the project for Development of Dahej SEZ at Village: Dahej, Taluka: Vagra, District Bharuch, Gujarat State by M/s. Dahej SEZ Limited (SPV of GIDC & ONGC) has been accorded by Govt. of India, Ministry of Environment, Forest and Climate Change (IA-III Section), vide Order No. 11-50/2011-IA, III Dated 19/09/2014. A copy of Clearance letter is available In the Office of Gujarat Pollution Control Board, Gandhinagar, Regional Office of GPCB, Bharuch & may also be seen at website of Ministry of Environment & Forest http://envfor.nic.in

Chief Executive Officer
Dahej SEZ Limited

Language: Gujarati

Publication: Divya Bhashkar [Dainik Bhashkar Group] (Bharuch Edition)

Date: 11.10.2014



મેસર્સ દહેજ એસ.ઇ.ઝેડ લિમીટેડ
ગામઃદહેજ,તા.વાગરા,જિ.ભરૂચ(ગુજરાત)

સુચના

આથી જાહેર જનતાને સૂચિત કરવામાં આવે છે કે મેસર્સ દહેજ એસ. ઈ. ઝેડ લિમીટેડ, ગામઃ દહેજ, તા. વાગરા, જિ.ભરૂચ ખાતે દહેજ એસ.ઈ.ઝેડ ના વિકાસ માટેનાં પ્રોજેકટને ભારત સરકારના પર્યાવરણ, વન અને કલાઈમેટ ચેન્જ મંત્રાલય તરફથી આદેશ નં. 11-50/2011-IA.III તા.૧૯, સપ્ટેમ્બર, ૨૦૧૪ થી સીઆરઝેડ કલીયરન્સ પાઠવવામાં આવેલ છે. આ મંજુરી પત્રની નકલ ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ, ગાંધીનગર તથા ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ, સ્થાનિક કચેરી, ભરૂચ ખાતે ઉપલબ્ધ છે. તેમજ પર્યાવરણ અને વનમંત્રાલયની વેબસાઈટ http/envior.nic.in પર પણ જોઈ શકાશે.

FROM –V
(See Rule 14)

FROM:
DAHEJ SEZ LIMITED
DAHEJ SEZ (PART-1), DAHEJ,
TA-VAGRA, DIST-BHARUCH

TO:
GUJARAT POLLUTION CONTROL BOARD,
PARYAVARAN BHAVAN, SECTOR 10 –A,
GANDHINAGAR –382010

ENVIRONMENT STATEMENT for the financial year ending the 31st March 2021

PART – A

(i)	Name and address of the owner/ occupier of the industry operation or Process	:	**DAHEJ SEZ LIMITED** **Dahej SEZ (PART-1), Dahej,** **Ta-Vagra, Dist-Bharuch** **Ph. No. 9825740882** **Email: am@dahejsez.com**
(ii)	Industry category Primary – (STC Code) Secondary – (STC Code)	:	**Large Scale Industry**
(iii)	Production Capacity – Units	:	**Infrastructure Development**
(iv)	Year of Establishment	:	**2004**
(v)	Date of the last environment statement	:	**20/06/2019**

PART-B

Water and Raw Material Consumption

(i) Water Consumption KL/day

Process : **Nil**

Cooling : **Nil**

Domestic : **100 KL/day**

Name of Products	Process Water consumption per unit of product output	
	During the previous Financial year (2019-2020)	During the current Financial year (2020-2021)
	(1)	(2)
Infrastructure Development	**Not Applicable**	**Not Applicable**

(II) Raw material consumption

Name of raw materials	Name of Products	Consumption of raw material per unit of output	
		During the previous Financial year (2019-2020)	During the current Financial year (2020-2021)
		(1)	(2)
Not Applicable	**Infrastructure Development**	**Not Applicable**	**Not Applicable**

Industry may use codes if disclosing detail of raw material would violate contractual obligation otherwise all industries have to name the raw materials used.

Annexure 10: Photographs of Dahej SEZ Limited

Photographs of green belt development at Dahej SEZ Limited

Sewage Treatment Plant

DG Set Area