



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 Paryavaran Bhavan"
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 Taluka Vagra, 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.

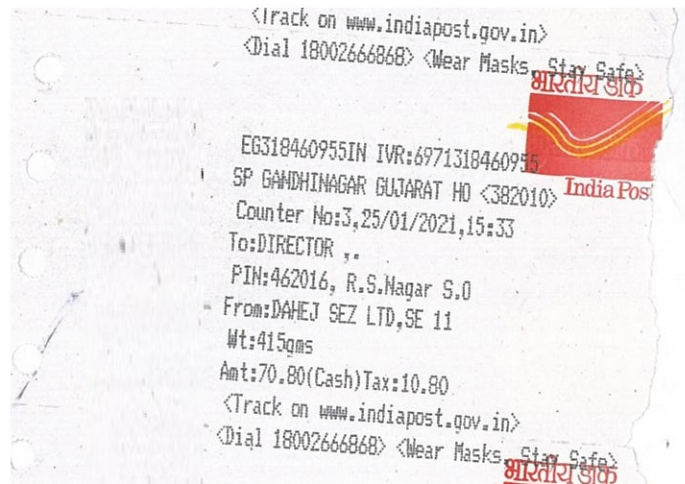
Thanking you,

Yours faithfully,

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

No.: DSL/Agency/Environment Compliance/945/1761

Date: 25/01/2021

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: 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

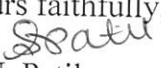
Dear Sir,

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

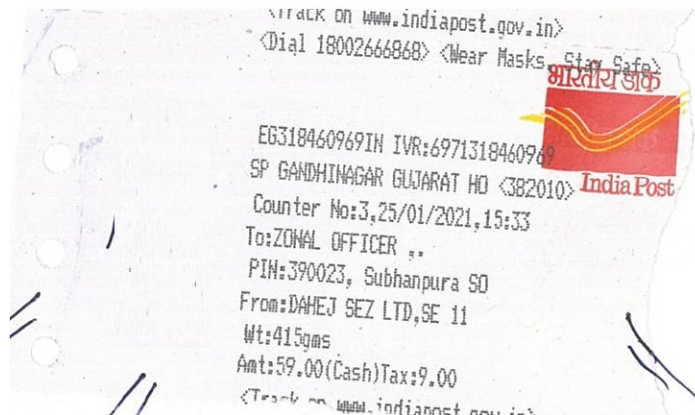
Half yearly compliance reports (**Period: April 2020 to September 2020**) for Environment Clearance (EC) and Coastal Regulation Zone (CRZ) clearance obtained for Development of M/s. Dahej SEZ Limited is enclosed for your kind consideration.

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,

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

No.: DSL/Agency/Environment Compliance/945/1759

Date: 25/01/2021

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: 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

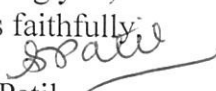
Dear Sir,

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

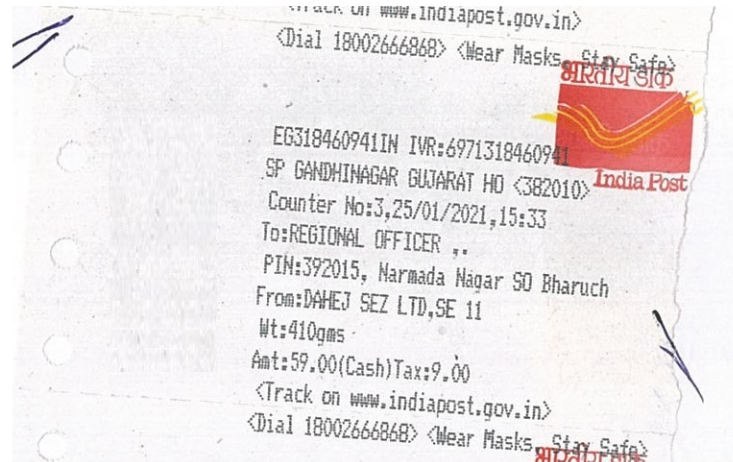
Half yearly compliance reports (Period: April 2020 to September 2020) for Environment Clearance (EC) and Coastal Regulation Zone (CRZ) clearance obtained for Development of M/s. Dahej SEZ Limited is enclosed for your kind consideration.

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,

S. N. Patil
Chief Executive Officer

Encl.: As Above





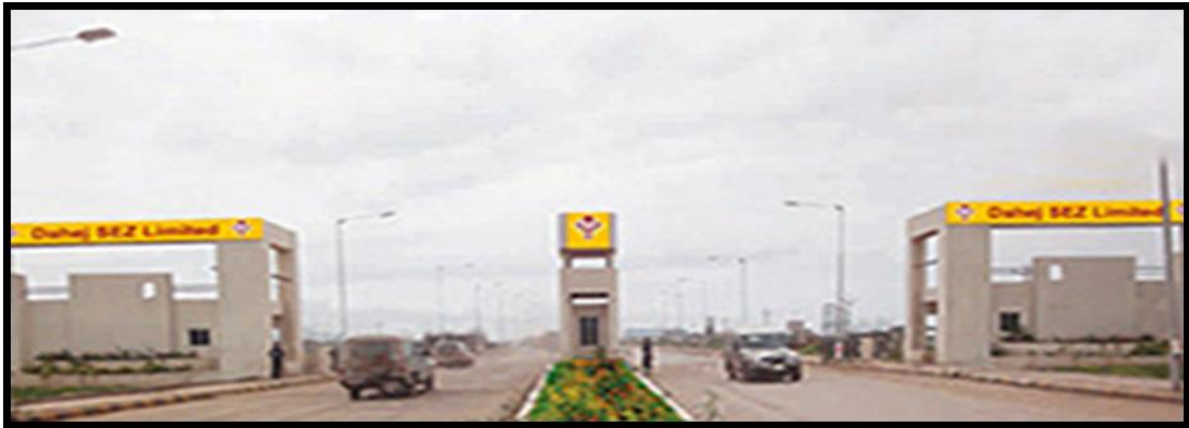
Report on Compliances to EC
April 2020 to September 2020

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: April 2020 – September 2020]



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

M/S. DAHEJ SEZ LIMITED
SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

TABLE OF CONTENTS

INTRODUCTION	3
DATA SHEET.....	4
ENVIRONMENTAL CLEARANCE (EC) BY MoEF&CC, New delhi	7
COMPLIANCE TO CONDITIONS STIPULATED IN ENVIRONMENT CLEARANCE	17
SUMMARY	28
ANNEXURES.....	29

M/S. DAHEJ SEZ LIMITED
SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

LIST OF ANNEXURES

Annexure-1: Consent to Establish (CTE) & Consolidated Consent & Authorization (CC&A)	30
Annexure-2: Coastal Regulation Zone (CRZ) Clearance.....	40
Annexure 3: DSL CRZ Map.....	44
Annexure 4: List of Allottees.....	45
Annexure 5: Comprehensive Monitoring Report	48
Annexure 6: Schematic Flow Diagram of STP	94
Annexure 7: Acknowledge copies of previous submitted EC compliances	95
Annexure 8: Newspaper cut-outs of the published advertisement	98
Annexure 9: Copy of Environment Statement for FY 2019-2020	100
Annexure 10: Photographs of Dahej SEZ Limited	101

M/S. DAHEJ SEZ LIMITED
SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

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.

M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

DATA SHEET

1. Project type: River-Valley / Mining / Industry : **Development of Special Economic Zone (SEZ)**
/ Thermal / Nuclear, Other (specify)
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 : **Chief Executive Officer**
engineer (with pin code & telephone / **M/s. Dahej SEZ Limited**
telex/fax number) **Block No. 14th, 3rd Floor, Udyog Bhavan,**
Gandhinagar – 382017, Gujarat
Phone – +91-079-23241590, 29750838
 - b. Address of Executive project engineer : **As Above**
/Manager (with pin code /fax numbers)
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 1639.71 ha. (ten.)**

S. No.	Particulars	Area (ha.) (ten.)
1.	Industrial Plots in Processing Area	1335.79
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		1639.71 (ten.)

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

M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

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. & Actual cost after execution: 1069.54 Cr. (till Sept-2020)**

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.)	
		2020	2019
1.	Effluent Treatment Facility	2.36	2.55
2.	Green belt development	20.73	29.95
3.	Environment Audit & Monitoring	4.20	6.80
Total		27.29	39.30

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. 410.00 Lakhs**

10. Forest Land requirement : **NOT APPLICABLE (THE LAND IS ACQUIRED AND ALLOTTED 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 : **---**

M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

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 : **Last Six-Monthly report was submitted by speed post in July 2020.**
(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)

ENVIRONMENTAL CLEARANCE (EC)

BY MOEF&CC, NEW DELHI

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

M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

**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.

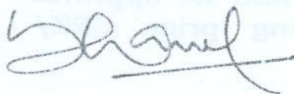
**To
M/s. Gujarat Industrial Development Corporation (GIDC),
1st Floor, Narmada Commercial Complex,
Panchbatti, Bharuch - 393 003,
Gujarat.qe**

**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



M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

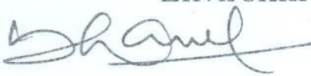
requirement is about 85 MLD and withdrawal will be from river Narmada at Angareshwar, which is approximately at a distance of 75 km from project site. The industrial member units within SEZ will have their own waste water treatment plant and treated effluent shall be collected, conveyed and disposed 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

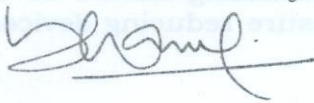
- (i) "Consent for Establishment" shall be obtained from Gujarat Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.
- (ii) The area falling under CRZ shall be kept open and no activity shall be carried out. 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.



M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

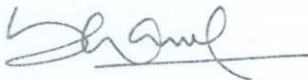
- (v) Fresh demarcation of HTL/LTL lines and CRZ area shall be undertaken through one of the authorized agencies identified by the MoEF shall be undertaken.
- (vi) Separate CRZ Clearance shall be obtained by M/s. Dahej SEZ Ltd. for the area falling under CRZ.
- (vii) M/s. Dahej SEZ Ltd. shall issue directions 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.



M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

- (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.



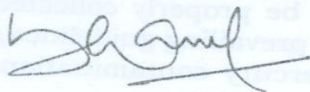
M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

- (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

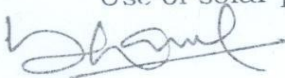
- i) The installation of the Effluent Treatment Plant (ETP)/Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated affluent emanating from STP shall be recycled/reused 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.



M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

- 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.



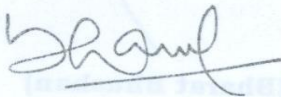
M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

- 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.



M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

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 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.

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, SO₂, NO_x (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.

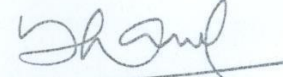
(Bharat Bhushan)
Director (IA)

M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

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

**COMPLIANCE TO CONDITIONS
STIPULATED IN ENVIRONMENT
CLEARANCE**

M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

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 – 30 th 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 be undertaken.	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 .
(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 .

M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

(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 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.	Noted & Agreed. M/s. DSL has taken note of the same and complied with this condition.
(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

M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

		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 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.	Being complied. An ambient noise level conforms to residential standards both during 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.

M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

(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 quality double glass with special reflective coating in windows.	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.
(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.
(xxxii)	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	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

M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

	building code including protection measures from lightening etc.	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 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.	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.
(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	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

M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

	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.	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 (April' 2020 to September' 2020) 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 shall be raised so as to provide protection against particulates and noise.	Complied. Green belt (Approx. 65,000 no. of plants) with adequate width and density comprising of preferably local species is planted in the 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	Noted & Agreed.

M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

	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.	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 the prevailing guidelines / rules of the Regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.	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.
(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: October 2018 to March 2019, Date: 31.05.2019 2. Period: April 2019 to September 2019, Date: 12.12.2019 3. Period: October 2019 to March 2020, Date: 24.06.2020 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,	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

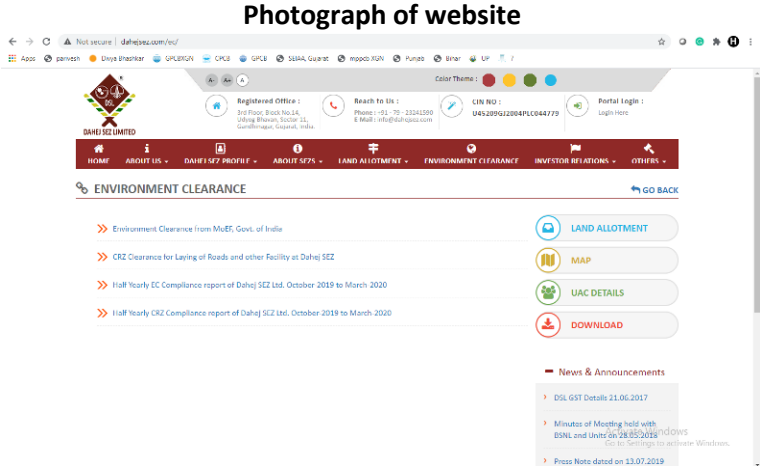
M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

	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.	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 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.	Noted & Agreed.
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	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

M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

	copy of the same should be forwarded to the Regional office of this Ministry at Bhopal.	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 Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.	Noted & Agreed.
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 
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.	Link: http://www.dahejsez.com/ec/ The compliance report for the period of October 2019 to March 2020 is already submitted to MoEF&CC Regional Office, Bhopal through speed post. Acknowledge copy of the same is attached here as Annexure-8.
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	Complied. We have already submitted the Environment Statement (Form-V) to GPCB for the financial year 2019-2020 as per the mandatory requirement under EPA, 1986, as amended subsequently. Acknowledge copy of the same is attached here as Annexure-9.

M/S. DAHEJ SEZ LIMITED

SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

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

M/S. DAHEJ SEZ LIMITED
SIX MONTHLY REPORT (PERIOD: APRIL 2020 TO SEPTEMBER 2020)

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

Annexure-1: Consent to Establish (CTE) & Consolidated Consent & Authorization (CC&A)



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/ ૨૬૨૬૦

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).

SUBJECT TO THE FOLLOWING SPECIFIC CONDITIONS: -

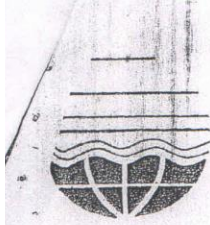
1. SEZ shall strickly abide with the various conditions as stipulated in permission letter of Ministry of commerce & industries, Government of India, dated 21/09/2005.

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 conforming 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 deep 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 & nearby 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



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

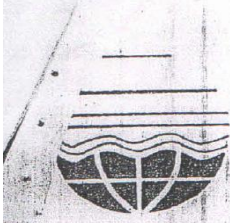
30. SEZ developer shall be fully responsible for collection, conveyance and disposal of treated effluent into the inlet of Vilayat Dahej Pipeline.
31. SEZ developer shall instruct & make sure that every member unit shall make storage facilities to store the effluent for at least 24 hours with an impervious 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.

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 & improvrious 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 an 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 compiled 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, NO_x, 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 ₂ S	500 Microgram/M ³
HF	60 Microgram/M ³
CO	5000 Microgram/M ³
CS ₂	2000 Microgram/M ³



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

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)

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. Datt)
ENVIRONMENTAL ENGINEER



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

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

BY R.P.A.D

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.

Clean Gujarat Green Gujarat
ISO-9001-2008 & ISO-14001 - 2004 Certified Organisation Page 1 of 4

- 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



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

- 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 01 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-1, 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:

Clean Gujarat Green Gujarat

ISO-9001-2008 & ISO-14001 - 2004 Certified Organisation Page 3 of 4

- 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**

Annexure-2: Coastal Regulation Zone (CRZ) Clearance

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-Clearance/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
as usual. not to be submitted. 2014

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.

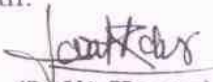
12. The proponent shall upload the status of compliance of the stipulated Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (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:

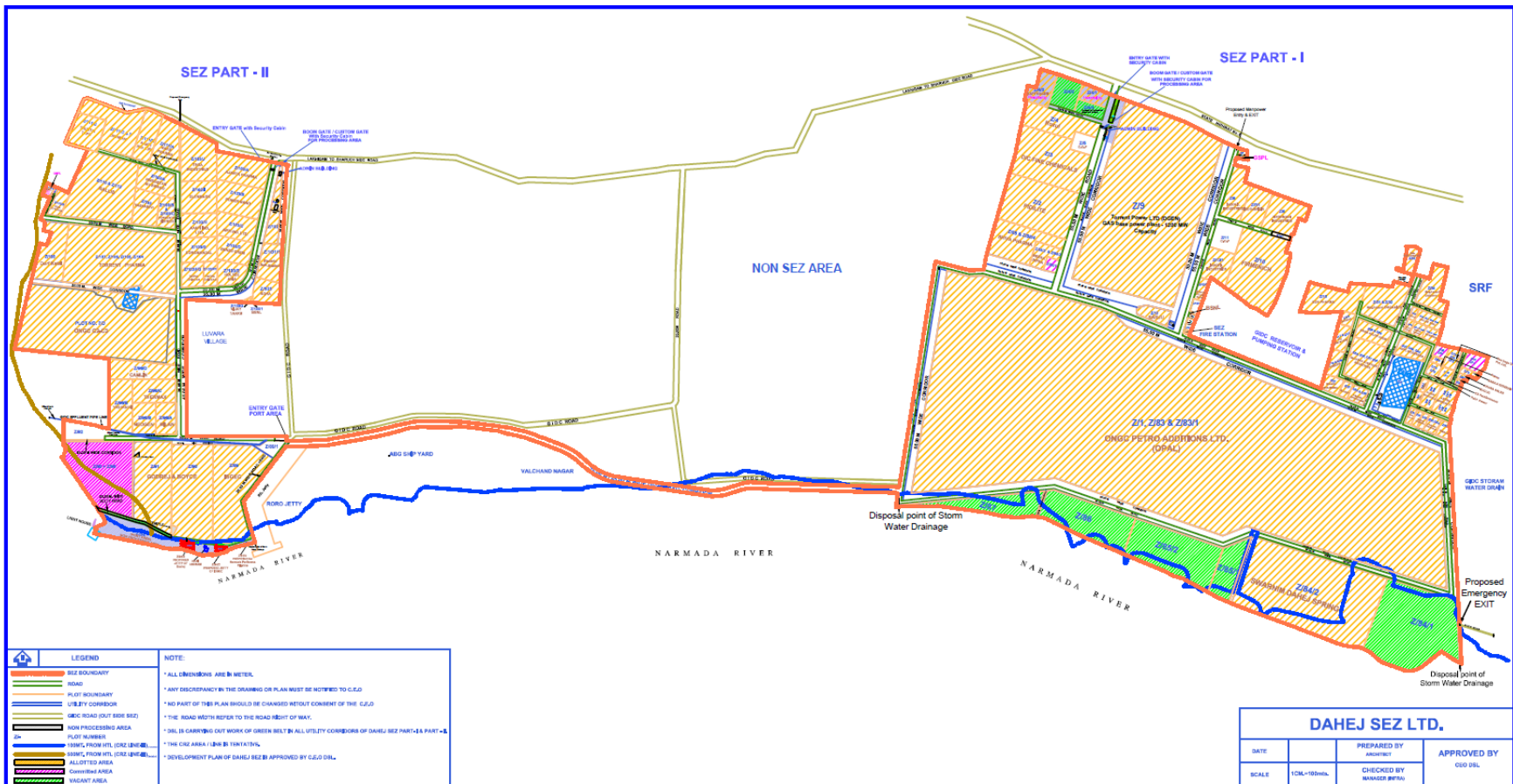
1. The Principal Secretary, Department of Forests & Environment and Chairman, GCZMA, Govt. of Gujarat, Sachivalaya, Gandhinagar.
2. The Director, Forests & Environment Department, Govt. of Gujarat, Block No.14, 8th Floor, Sachivalaya, Gandhinagar – 382 010.
3. The Chairman, CPCB, Parivesh Bhawan, CBD-cum-Office 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

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



Annexure 4: List of Allottees

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 Ketel (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: April 2020 to September 2020

FOR



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	52
1.1 WIND ROSE DIAGRAM: APRIL 2020.....	53
1.2 WIND ROSE DIAGRAM: MAY 2020	54
1.3 WIND ROSE DIAGRAM: JUNE 2020	55
1.4 WIND ROSE DIAGRAM: JULY 2020	56
1.5 WIND ROSE DIAGRAM: AUGUST 2020	57
1.6 WIND ROSE DIAGRAM: SEPTEMBER 2020	58
1.7 Meteorological Monitoring Data (April 2019 to September 2020)	59
2. AMBIENT AIR QUALITY MONITORING REPORT	61
2.1 Ambient Air Quality Monitoring Data, SEZ-I, Admin Building (April 2020 to September 2020)	62
2.2 Ambient Air Quality Monitoring Data, SEZ-II, Admin Building (April 2020 to September 2020)	64
2.3 Ambient Air Quality Monitoring Data, SEZ-I, At Fire Station (April 2020 to July 2020)	66
2.4 Ambient Air Quality Monitoring Data, SEZ-I, Pond (August 2020 to September 2020)	68
3. NOISE LEVEL MONITORING REPORT	70
3.1 Ambient Noise Level Monitoring Data (April 2020 to September 2020)	71
4. WATER QUALITY MONITORING REPORT	73
4.1 Ground Water Quality Monitoring Data (April 2020 to September 2020)	74
4.2 Surface Water Quality Monitoring Data (April 2020 to July 2020)	75
4.3 Surface Water (Storm Water) Quality Monitoring Data (June2020)	76
4.4 Surface Water (Storm Water) Quality Monitoring Data (August 2020).....	77
4.5 Surface Water (Storm Water) Quality Monitoring Data (September 2020)	78
4.6 Marine Water Quality Monitoring Data (April 2020 to June 2020)	79
4.7 Marine Water Quality Monitoring Data (July 2020 to September 2020)	80
4.8 Wastewater Monitoring Data (April 2020)	81
4.9 Wastewater Monitoring Data (May 2020)	81
4.10 Wastewater Monitoring Data (June 2020).....	83
4.11 Wastewater Monitoring Data (July 2020)	84

4.12 Wastewater Monitoring Data (August 2020).....	85
4.13 Wastewater Monitoring Data (September 2020)	86
4.14 Domestic Effluent (Sewage Water) Monitoring Data (April 2020 to September 2020)	90
5. SOIL QUALITY MONITORING REPORT	91
5.5 Soil Quality Monitoring Data (April 2020 to September 2020).....	92
6. NABL CERTIFICATE OF THE LABORATORY	93

1. METEOROLOGICAL MONITORING REPORT



Period: April 2020 to September 2020

FOR



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

Located at

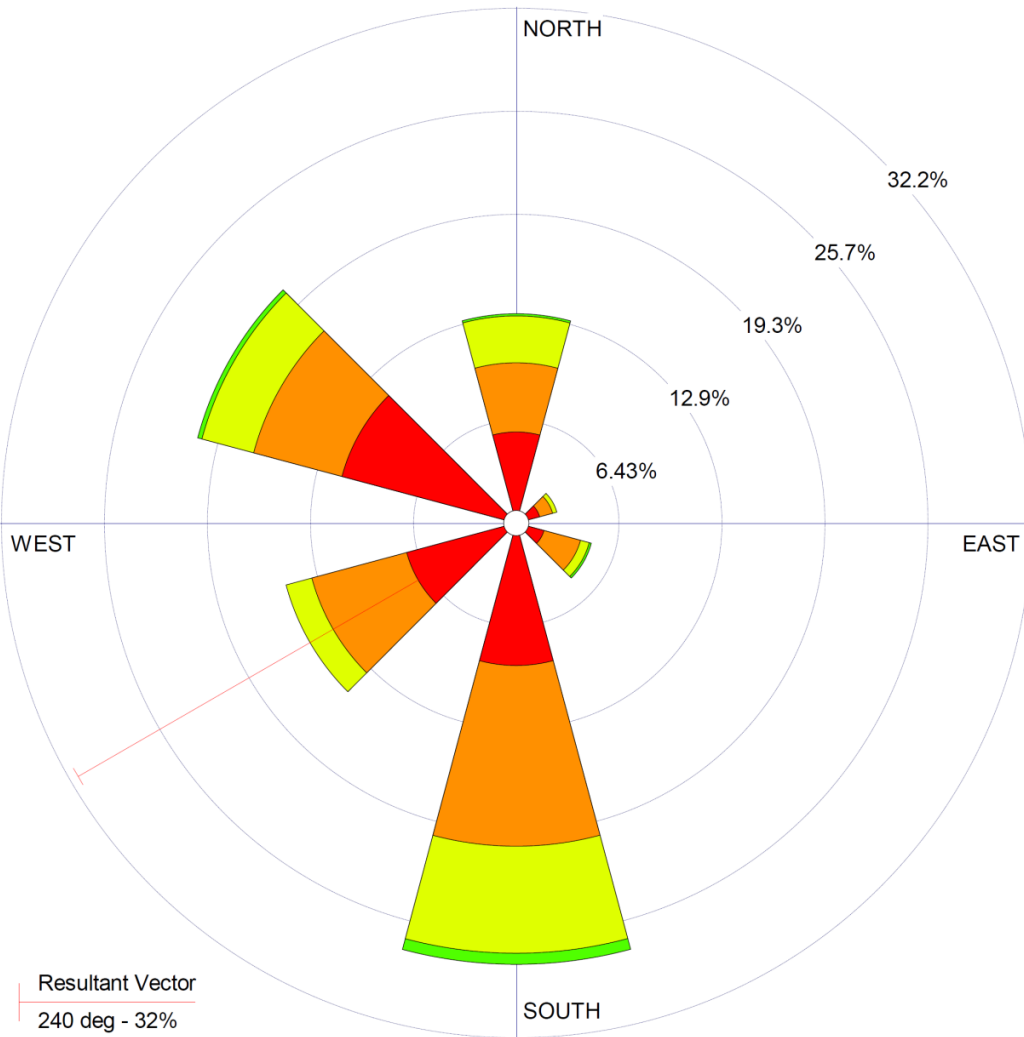
Dahej SEZ Part - I

At & Post: Dahej, Taluka – Vagra,

Dist. Bharuch – 392 140, Gujarat

WIND ROSE PLOT:
WIND ROSE

DISPLAY:
Wind Speed
Direction (blowing from)



WIND SPEED (m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 16.53%

Resultant Vector
240 deg - 32%

COMMENTS: Dahej	DATA PERIOD: Start Date: 01/04/2020 - 00:00 End Date: 30/04/2020 - 23:00	COMPANY NAME: M/s. Dahej Sez Limited	
	CALM WINDS: 16.53%	MODELER: UNISTAR ENVIRONMENT AND RESEARCH LABS	TOTAL COUNT: 720 hrs.
	AVG. WIND SPEED: 2.05 m/s	DATE: 06/05/2020	PROJECT NO.: April 2020

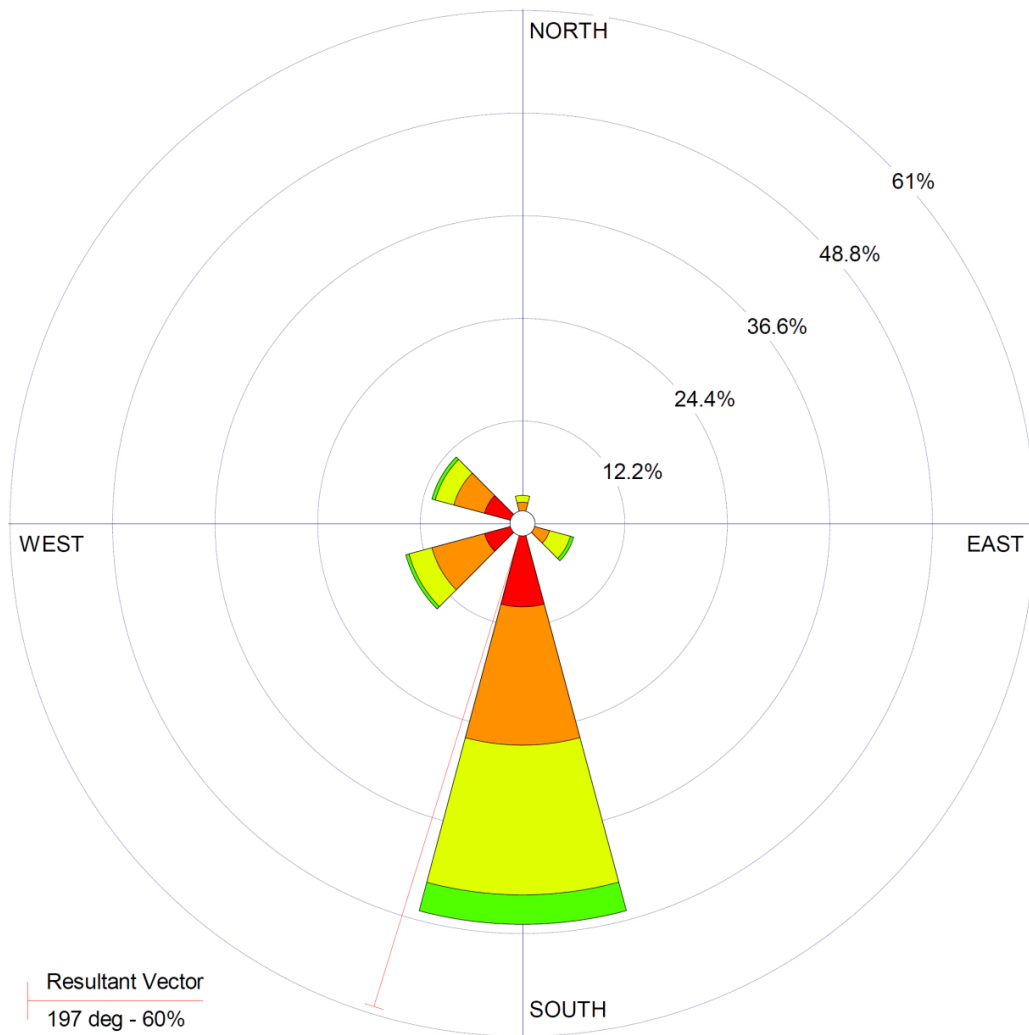
1.1. WIND ROSE DIAGRAM: APRIL 2020

WIND ROSE PLOT:

WIND ROSE

DISPLAY:

**Wind Speed
Direction (blowing from)**



Resultant Vector
197 deg - 60%

WIND SPEED
(m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 16.53%

COMMENTS: Dahej	DATA PERIOD: Start Date: 01/05/2020 - 00:00 End Date: 31/05/2020 - 23:00	COMPANY NAME: M/s. Dahej SEZ Ltd.	
	CALM WINDS: 16.53%	MODELER: UNISTAR ENVIRONMENT AND RESEARCH LABS	TOTAL COUNT: 744 hrs.
	AVG. WIND SPEED: 2.63 m/s	DATE: 03/06/2020	

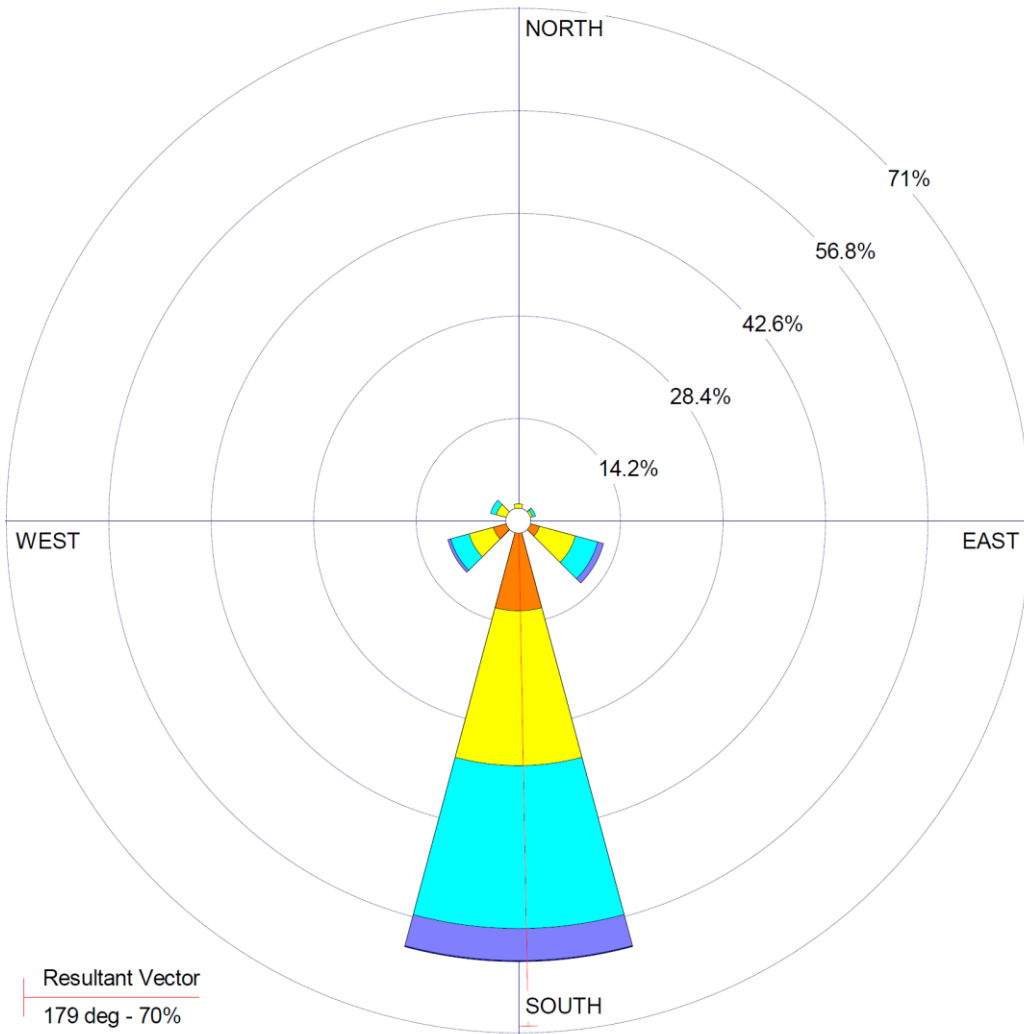
1.2. WIND ROSE DIAGRAM: MAY 2020

WIND ROSE PLOT:

WIND ROSE

DISPLAY:

**Wind Speed
Direction (blowing from)**



Resultant Vector
179 deg - 70%

WIND SPEED
(m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

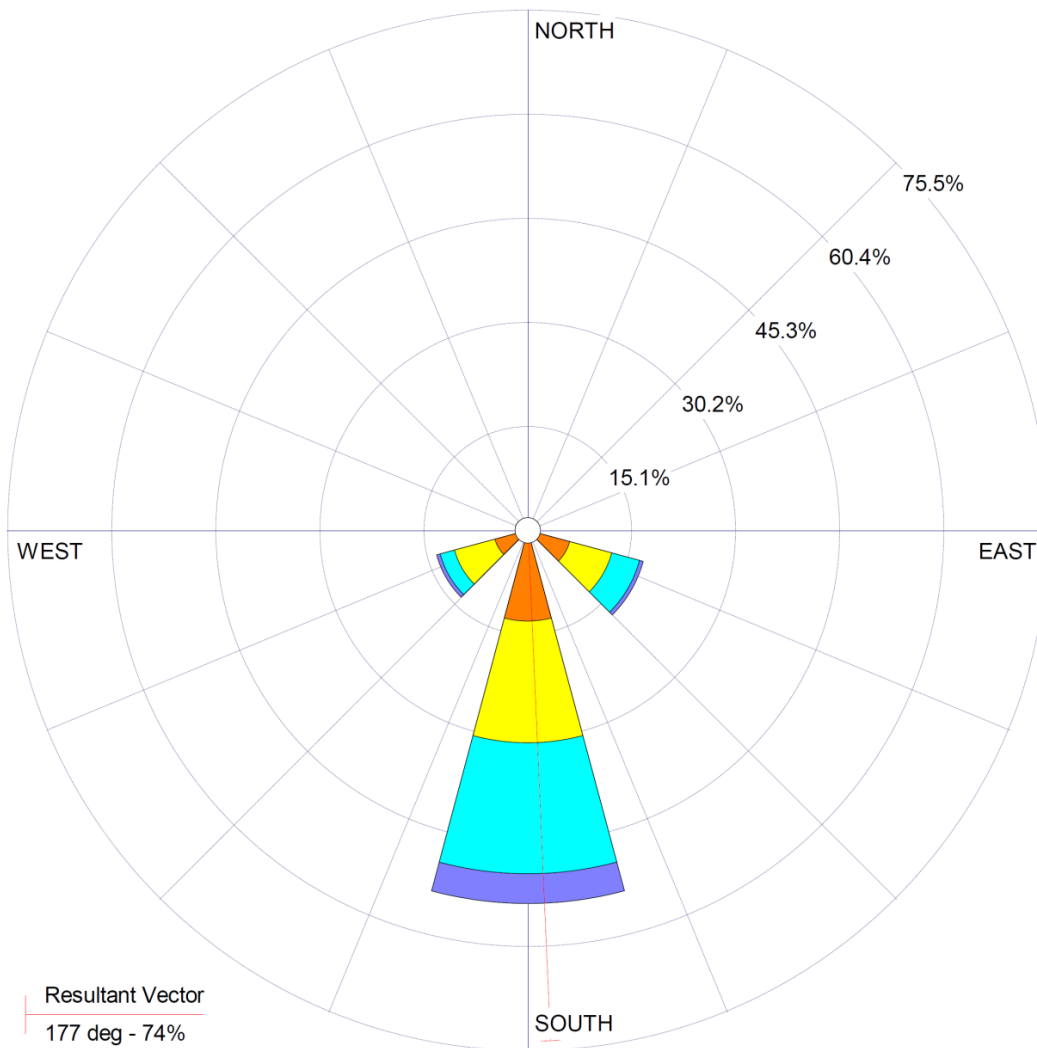
Calms: 7.50%

COMMENTS:	DATA PERIOD:	COMPANY NAME:	
	Start Date: 01/06/2020 - 00:00 End Date: 30/06/2020 - 23:00	M/s. Dahej SEZ Ltd.	
	CALM WINDS:	MODELER:	PROJECT NO.:
7.50%	UNISTAR ENVIRONMENT AND RESEARCH LABS		
AVG. WIND SPEED:	TOTAL COUNT:	DATE:	June 2020
2.97 m/s	718 hrs.	03/07/2020	

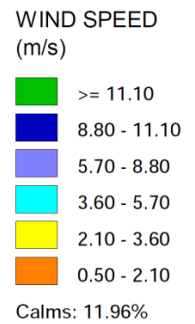
1.3. WIND ROSE DIAGRAM: JUNE 2020

WIND ROSE PLOT:
WIND ROSE

DISPLAY:
**Wind Speed
Direction (blowing from)**



Resultant Vector
177 deg - 74%

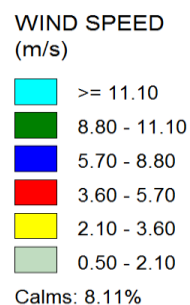
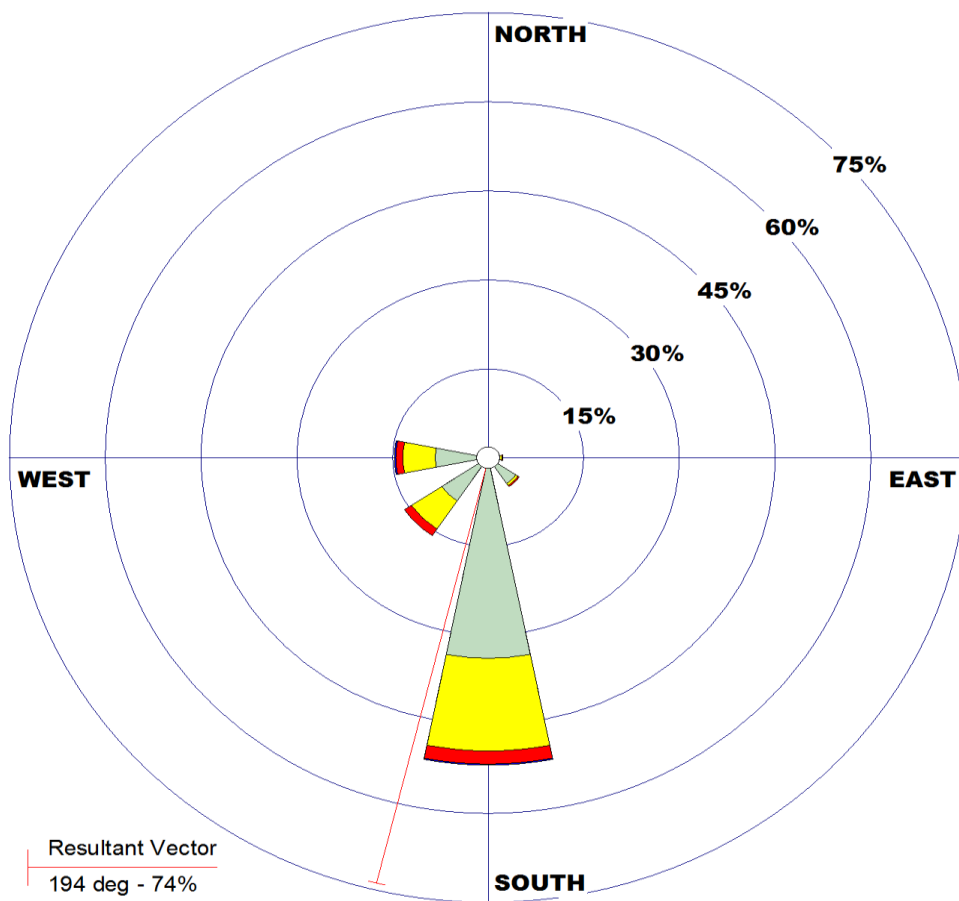


COMMENTS:	DATA PERIOD: Start Date: 01/07/2020 - 00:00 End Date: 31/07/2020 - 23:00	COMPANY NAME: M/s. Dahej SEZ Ltd.	
	CALM WINDS: 11.96%	MODELER: UNISTAR ENVIRONMENT AND RESEARCH LABS	
	AVG. WIND SPEED: 2.69 m/s	TOTAL COUNT: 744 hrs.	PROJECT NO.: July 2020

1.4. WIND ROSE DIAGRAM: JULY 2020

WIND ROSE PLOT:
M/s. Dahej SEZ Ltd.

DISPLAY:
Wind Speed
Direction (blowing from)



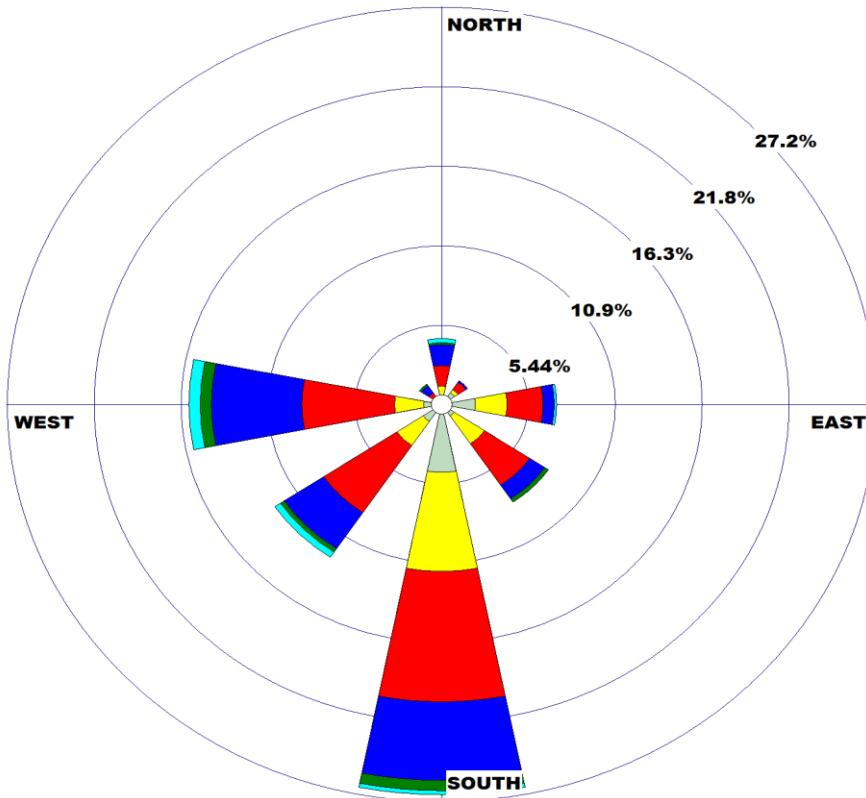
COMMENTS:	DATA PERIOD: Start Date: 13-08-2020 - 00:00 End Date: 31-08-2020 - 23:00	COMPANY NAME: M/s. Dahej SEZ Ltd.	
	CALM WINDS: 8.11%	MODELER: M/s. Ecosystem Resource Management Pvt. Ltd.	
	AVG. WIND SPEED: 1.80 m/s	TOTAL COUNT: 456 hrs.	PROJECT NO.: August 2020
		DATE: 10-09-2020	

WRPI OT View - Lakes Environmental Software

1.5. WIND ROSE DIAGRAM: AUGUST 2020

WIND ROSE PLOT:
M/s. Dahej SEZ Ltd.
Dahej

DISPLAY:
Wind Speed
Direction (blowing from)



WIND SPEED (m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 21.44%

COMMENTS:	DATA PERIOD: Start Date: 01-09-2020 - 00:00 End Date: 30-09-2020 - 13:00	COMPANY NAME: M/s. Dahej SEZ Ltd.	
	CALM WINDS: 21.44%	MODELER: M/s. Ecosystem Resource Management Pvt. Ltd.	PROJECT NO.: Sept.- 2020
	AVG. WIND SPEED: 3.41 m/s	TOTAL COUNT: 709 hrs.	
		DATE: 03-10-2020	

WRPLOT View - Lakes Environmental Software

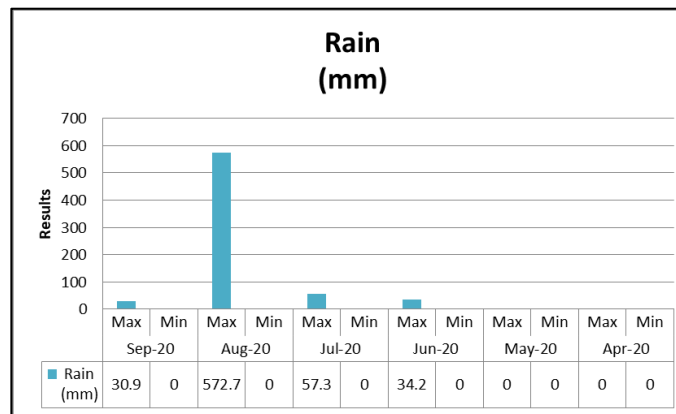
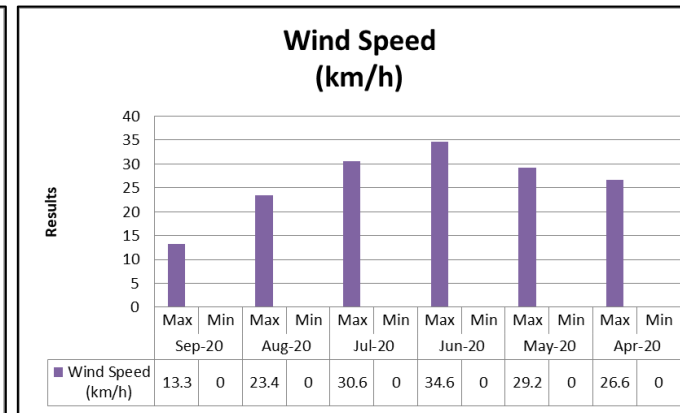
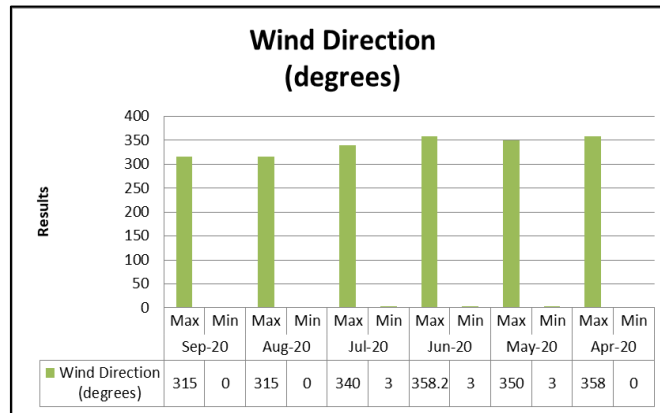
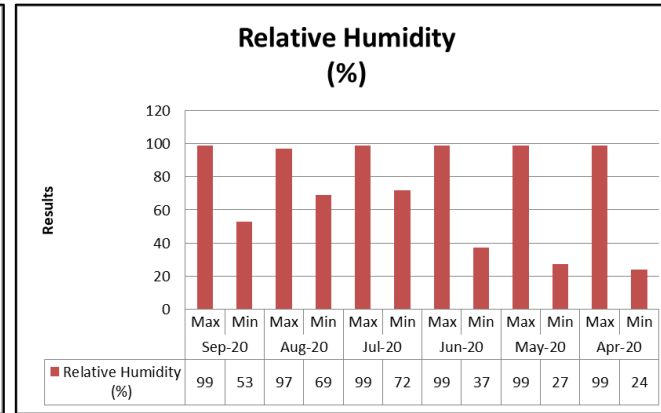
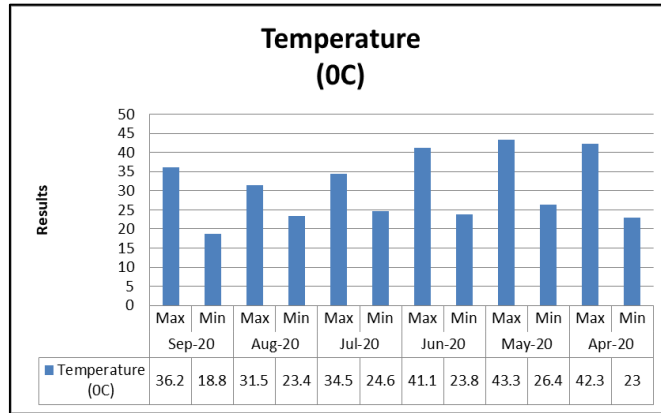
1.6. WIND ROSE DIAGRAM: SEPTEMBER 2020

1.7. Meteorological Monitoring Data (April 2019 to September 2020)

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

Location: SEZ-I Area Latitude: 21°42'39"N Longitude: 72°36'26"E		Period: April 2020 to September 2020				
		Instrument: 1. Sr. No. 18410021 (During April 2020 to July 2020) 2. AW002 (During August 2020 to September 2020)				
Month	Max./Min.	Temperature (°C)	Relative Humidity (%)	Wind Direction (degrees)	Wind Speed (km/h)	Rain (mm)
September 2020	Max.	36.2	99.0	315.0	13.3	30.9
	Min.	18.8	53.0	0.0	0	0
August 2020	Max.	31.5	97.0	315.0	23.4	572.7
	Min.	23.4	69.0	0.0	0.0	0.0
July 2020	Max.	34.5	99.0	340.0	30.6	57.3
	Min.	24.6	72.0	3.0	0.0	0.0
June 2020	Max.	41.1	99.0	358.2	34.6	34.2
	Min.	23.8	37.0	3.0	0.0	0.0
May 2020	Max.	43.3	99.0	350.0	29.2	0.0
	Min.	26.4	27.0	3.0	0.0	0.0
April 2020	Max.	42.3	99.0	358.0	26.6	0.0
	Min.	23.0	24.0	0.0	0.0	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



2. AMBIENT AIR QUALITY MONITORING REPORT



Period: April 2020 to September 2020



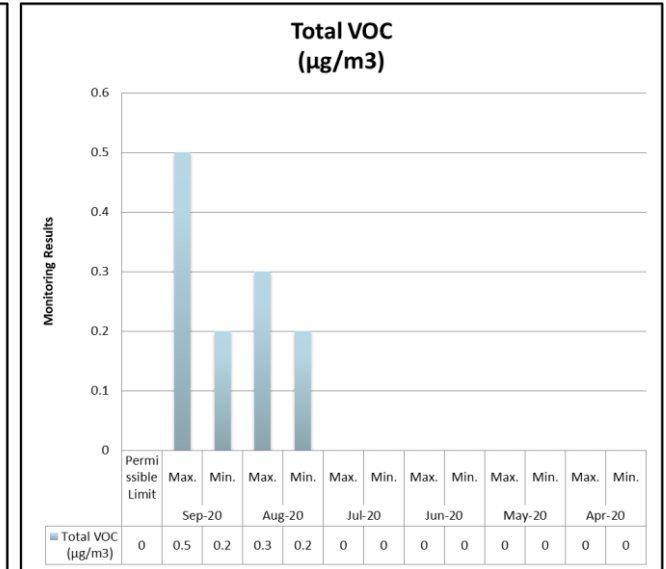
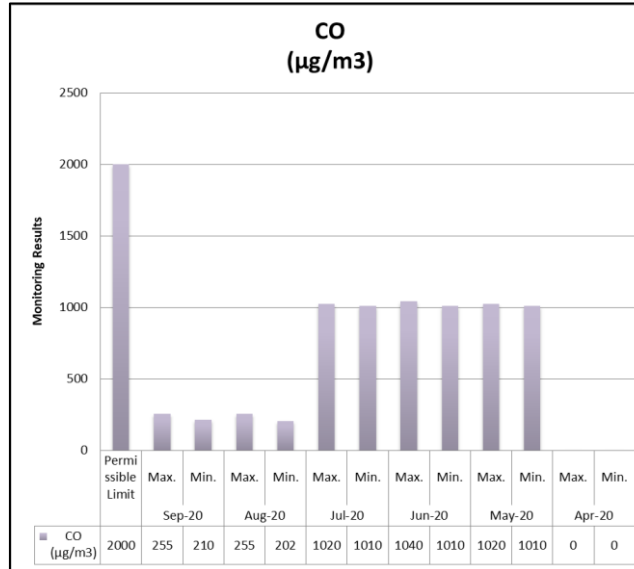
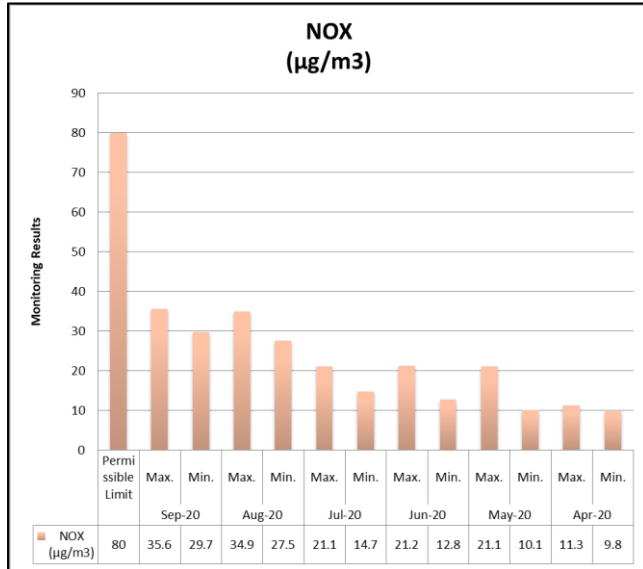
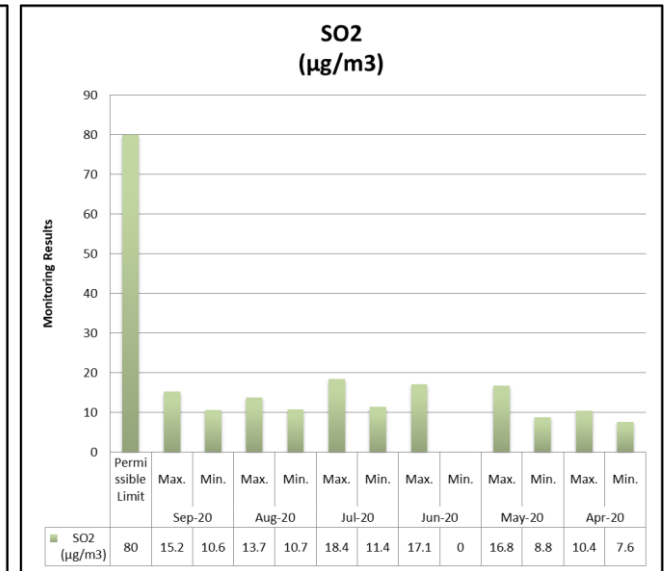
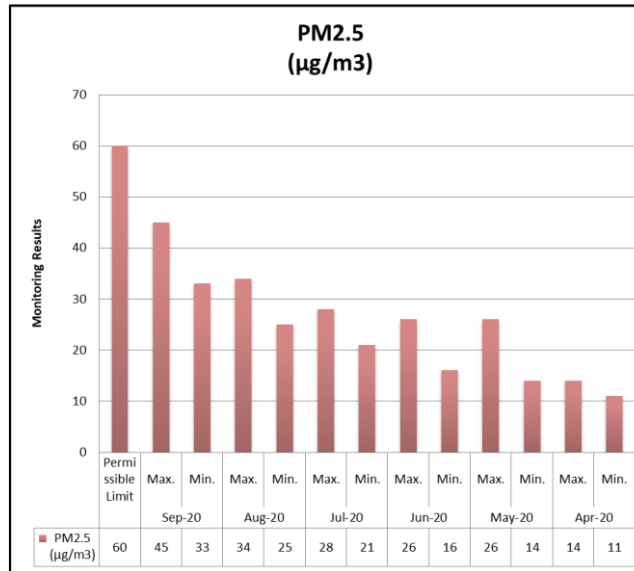
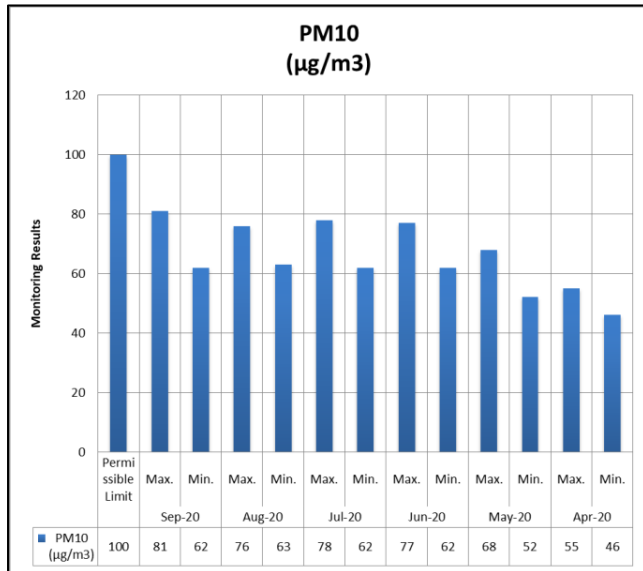
M/s. Dahej SEZ Ltd. (SEZ Developer)

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 (April 2020 to September 2020)
For M/s. Dahej SEZ Limited (SEZ Developer)

Location: SEZ-I, Admin Building Latitude: 21.7111303 N Longitude: 72.6073576 E		Period: April 2020 to September 2020					
		Instrument: 1. RDS APM 460 BL (Sr. No. 2905-DTJ-2015) & FPS APM MINI (Sr. No. 346-DTF-2015) [During April 2020 to July 2020] 2. PM10 & PM2.5 COMBO SAMPLER (Sr. No. 200604138) [During August 2020 to September 2020]					
Month	Max./Min.	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (µg/m ³)	Total VOC as Isobutylene (ppm)
September 2020	Max.	81	45	15.2	35.6	255	0.5
	Min.	62	33	10.6	29.7	210	0.2
August 2020	Max.	76	34	13.7	34.9	255	0.3
	Min.	63	25	10.7	27.5	202	0.2
July 2020	Max.	78	28	18.4	21.1	1020	ND
	Min.	62	21	11.4	14.7	1010	ND
June 2020	Max.	77	26	17.1	21.2	1040	ND
	Min.	62	16	11.2	12.8	1010	ND
May 2020	Max.	68	26	16.8	21.1	1020	ND
	Min.	52	14	8.8	10.1	1010	ND
April 2020	Max.	55	14	10.4	11.3	<1000	ND
	Min.	46	11	7.6	9.8	<1000	ND
Max.		81	45	16.8	35.6	1040	0.5
Min.		46	11	7.6	9.8	202	0.2

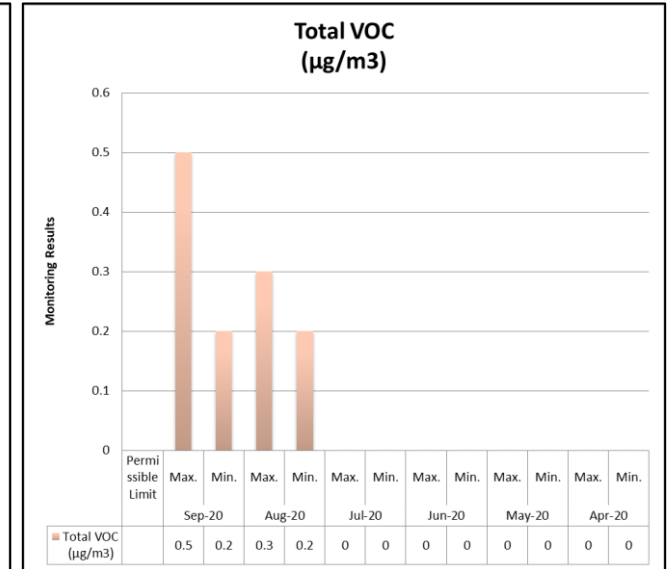
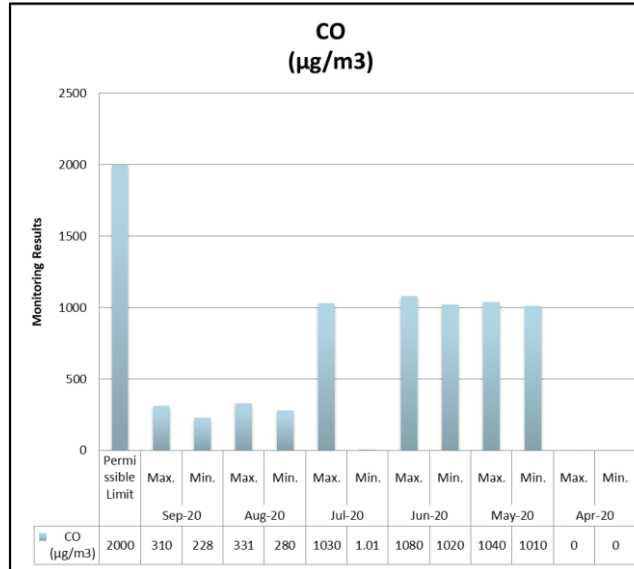
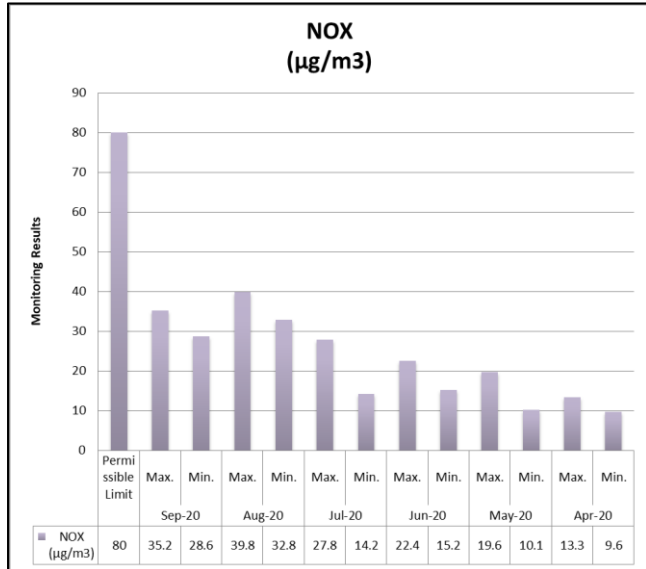
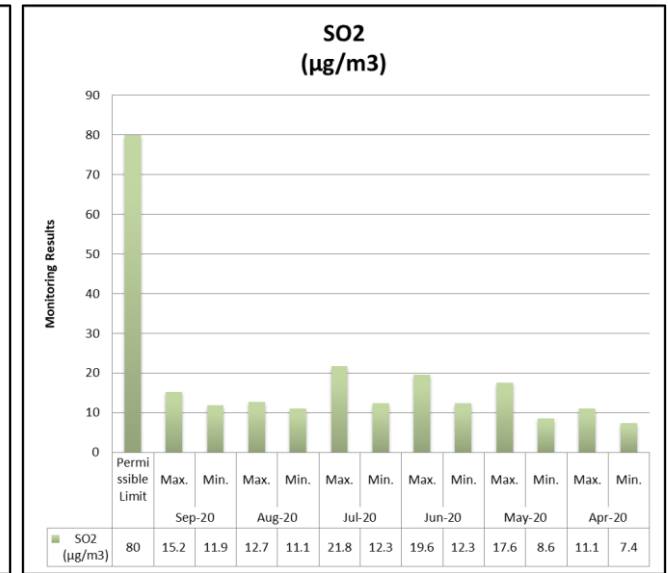
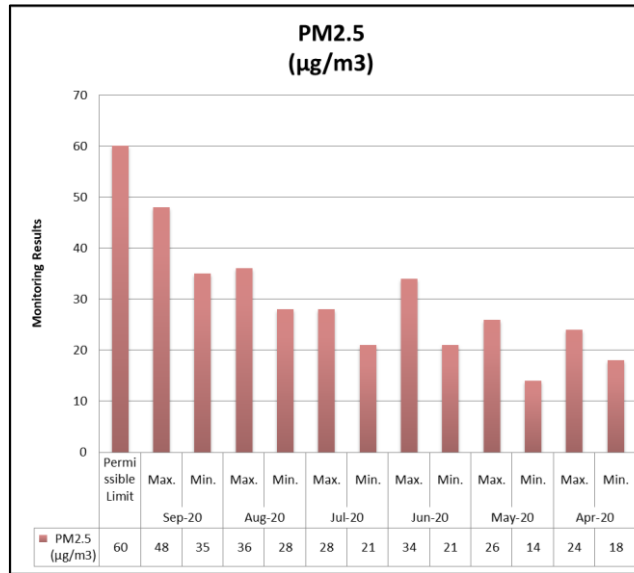
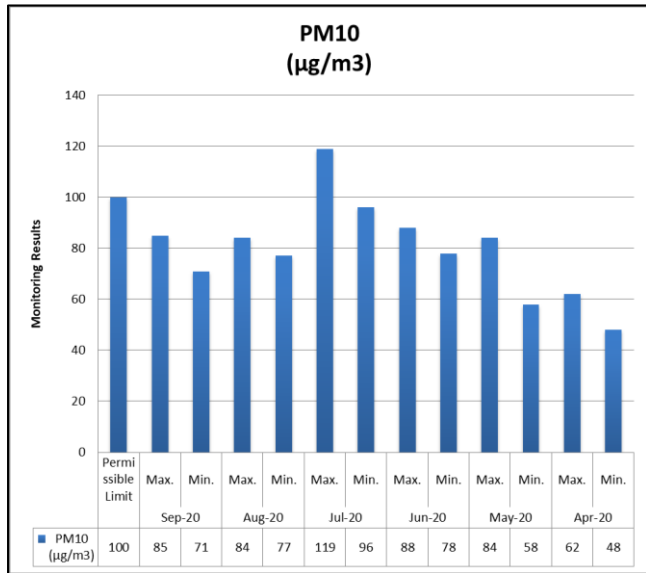
Parameter wise Graphical Representation of Ambient Air Quality at SEZ-I, Admin Building



2.2. Ambient Air Quality Monitoring Data, SEZ-II, Admin Building (April 2020 to September 2020)
For M/s. Dahej SEZ Limited (SEZ Developer)

Location: SEZ-II, Admin Building Latitude: 21.6866532 N Longitude: 72.5548602 E		Period: April 2020 to September 2020 Instrument: 1. RDS APM 460 BL (Sr. No. 2343-DTB-2012) & FPS APM 550 MINI (Sr. No. 271-DTE-2010) [During April 2020 to July 2020] 2. PM10 & PM2.5 COMBO SAMPLER (Sr. No. 200604139) [During August 2020 to September 2020]					
Month	Max./Min.	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (µg/m ³)	Total VOC as Isobutylene (ppm)
September 2020	Max.	85	48	15.2	35.2	310	0.5
	Min.	71	35	11.9	28.6	228	0.2
August 2020	Max.	84	36	12.7	39.8	331	0.3
	Min.	77	28	11.1	32.8	280	0.2
July 2020	Max.	119	28	21.8	27.8	1030	ND
	Min.	96	21	12.3	14.2	1.01	ND
June 2020	Max.	88	34	19.6	22.4	1080	ND
	Min.	78	21	12.3	15.2	1020	ND
May 2020	Max.	84	26	17.6	19.6	1040	ND
	Min.	58	14	8.6	10.1	1010	ND
April 2020	Max.	62	24	11.1	13.3	0.00	ND
	Min.	48	18	7.4	9.6	0.00	ND
Max.		119	48	21.8	39.8	1080	0.5
Min.		48	14	7.4	9.6	0	0.2

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

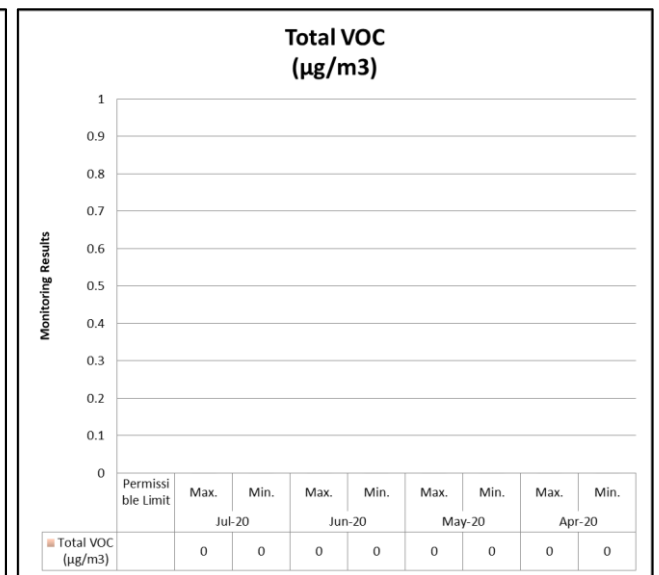
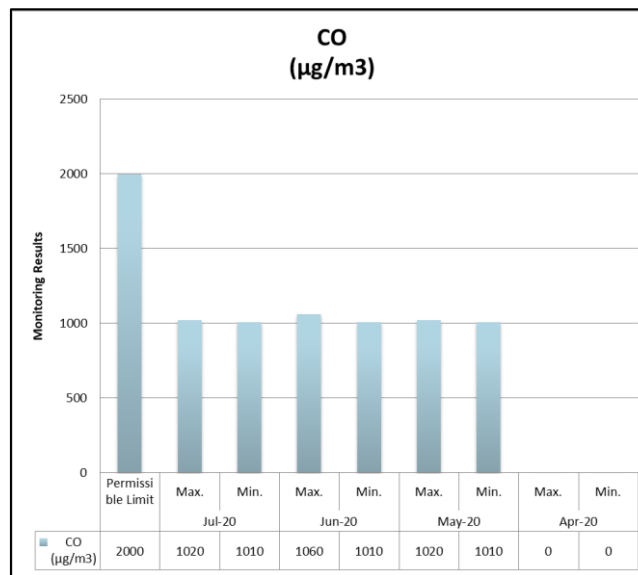
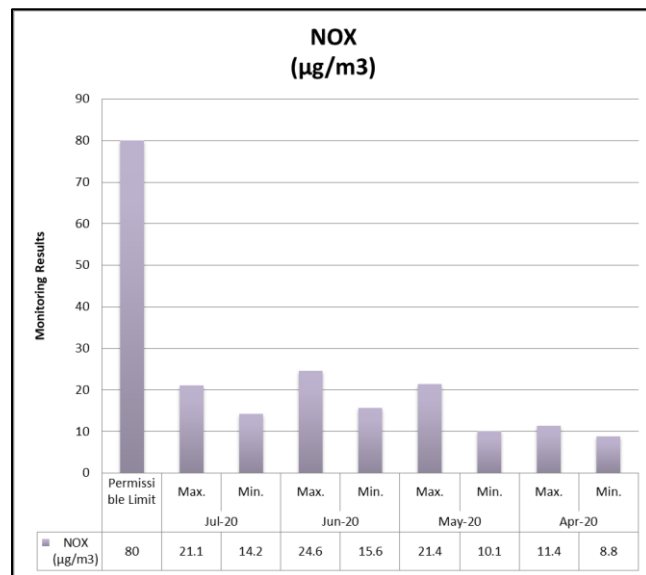
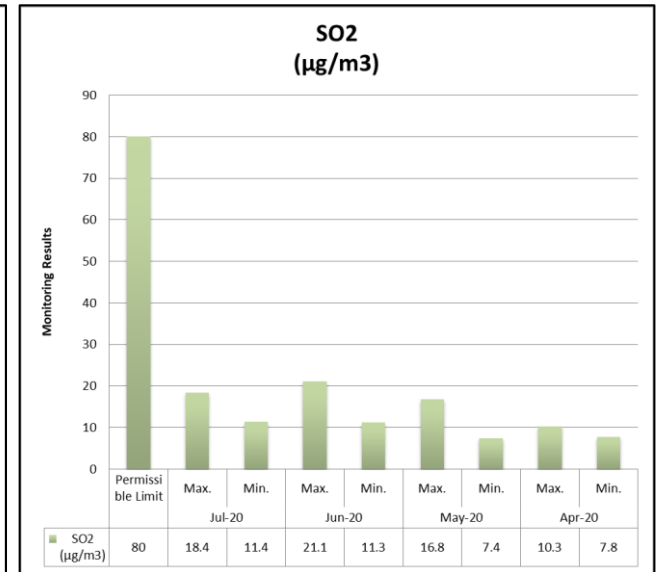
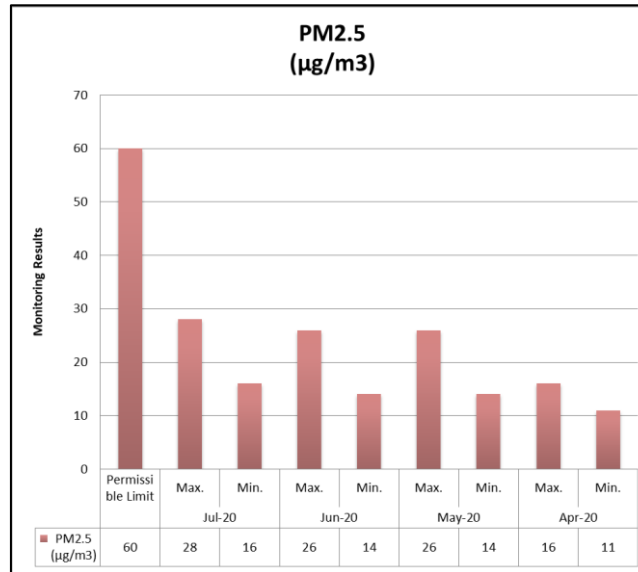
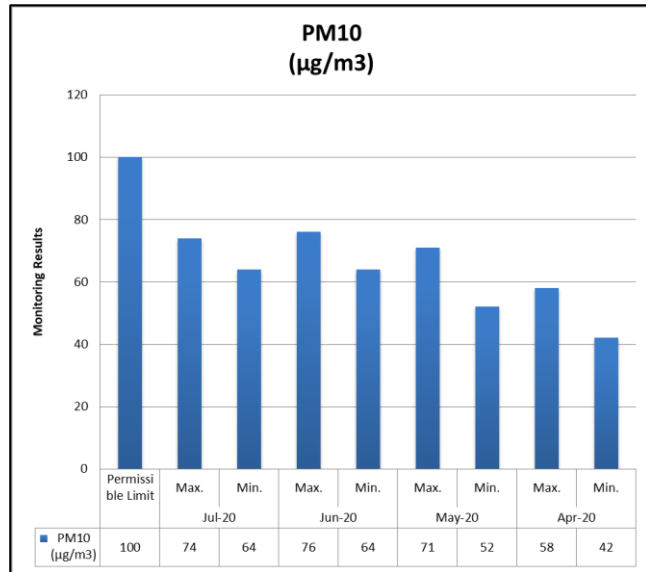


2.3. Ambient Air Quality Monitoring Data, SEZ-I, At Fire Station (April 2020 to July 2020)

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

Location: SEZ-I, At Fire Station Latitude: 21. 4121 N, Longitude: 72.3672 E	Period: April 2020 to July 2020 Instrument: RDS APM 460 BL (Sr. No. 2905-DTJ-2015) & FPS APM 550 MINI (Sr. No. 346-DTF-2015) [During April 2020 to July 2020]						
Month	Max./Min.	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (µg/m ³)	Total VOC as Isobutylene (ppm)
July 2020	Max.	74	28	18.4	21.1	1020	ND
	Min.	64	16	11.4	14.2	1010	ND
June 2020	Max.	76	26	21.1	24.6	1060	ND
	Min.	64	14	11.3	15.6	1010	ND
May 2020	Max.	71	26	16.8	21.4	1020	ND
	Min.	52	14	7.4	10.1	1010	ND
April 2020	Max.	58	16	10.3	11.4	0.00	ND
	Min.	42	11	7.8	8.8	0.00	ND
Max.		76	28	21.1	24.6	1060	0
Min.		42	11	7.4	8.8	0	0

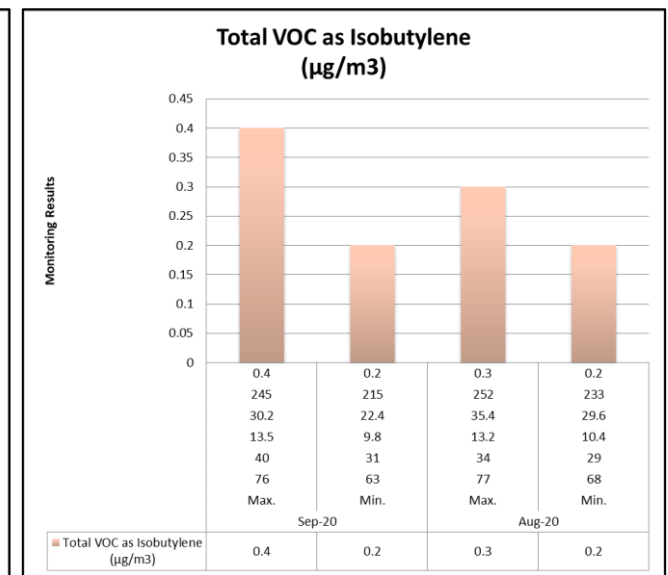
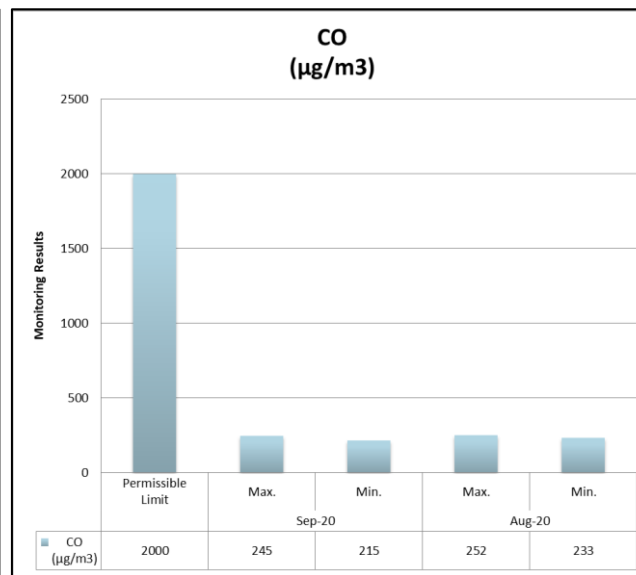
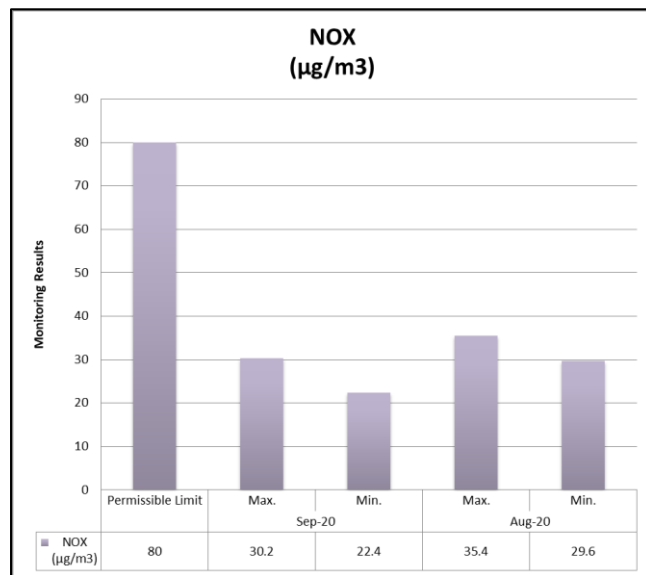
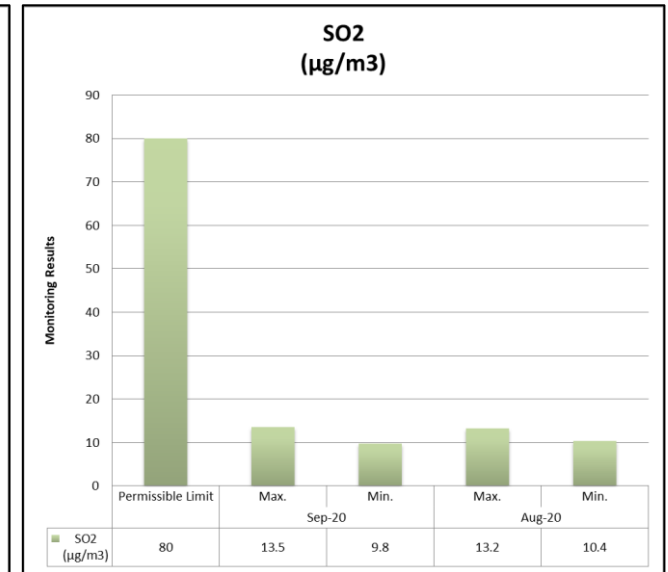
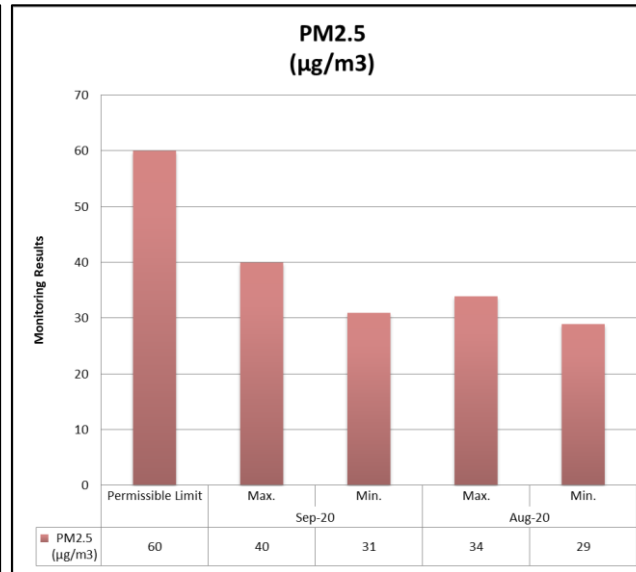
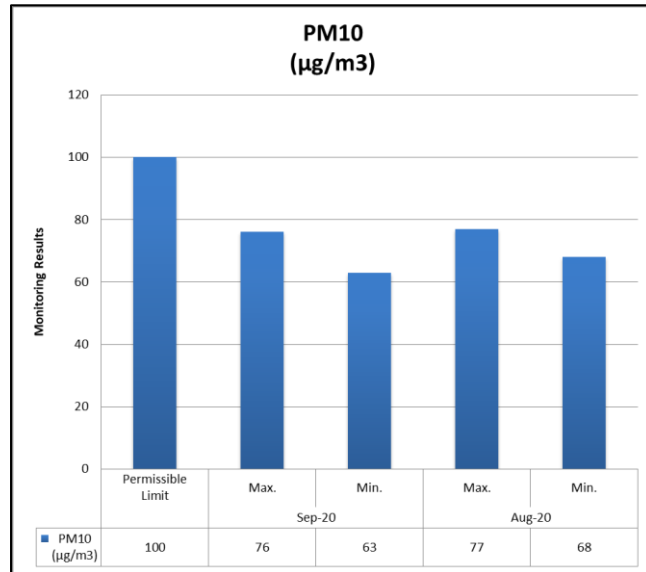
Parameter wise Graphical Representation of Ambient Air Quality at SEZ-I, Fire Station



2.4. Ambient Air Quality Monitoring Data, SEZ-I, Pond (August 2020 to September 2020)
For M/s. Dahej SEZ Limited (SEZ Developer)

Location: SEZ-I, Pond Latitude: 21.6984606 N Longitude: 72.6313318 E		Period: August 2020 to September 2020 Instrument: PM10 and PM 2.5 (Combo Sampler) Sr. No. 200604138					
Month	Max./Min.	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (µg/m ³)	Total VOC as Isobutylene (ppm)
September 2020	Max.	76	40	13.5	30.2	245	0.4
	Min.	63	31	9.8	22.4	215	0.2
August 2020	Max.	77	34	13.2	35.4	252	0.3
	Min.	68	29	10.4	29.6	233	0.2
Max.		77	40	13.5	35.4	252	0.4
Min.		63	29	9.8	22.4	215	0.2

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



3. NOISE LEVEL MONITORING REPORT



Period: April 2020 to September 2020



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

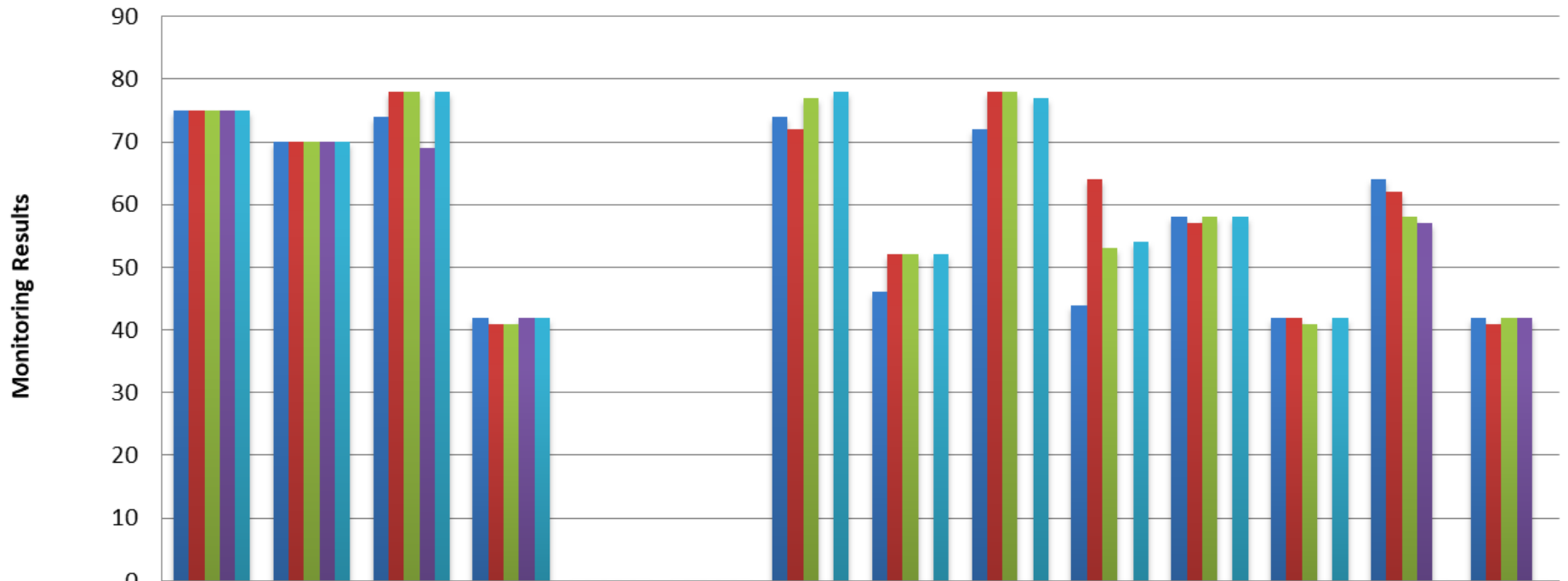
Located at
Dahej SEZ Part - I
At & Post: Dahej, Taluka – Vagra,
Dist. Bharuch – 392 140, Gujarat

3.1. Ambient Noise Level Monitoring Data (April 2020 to September 2020)
For M/s. Dahej SEZ Limited (SEZ Developer)

Period: April 2020 to September 2020		Instrument: 1. Lutron (during April 2020 to July 2020) 2.				
Month	Max./Min.	Location-1 (SEZ-I, At Fire Station)	Location-2 (SEZ-II, Main Gate)	Location-3 (SEZ-I, Main Gate)	Location-4 (SEZ-II, Pumping Station-D)	Location-5 (SEZ-I, Pumping Station-C)
September 2020	Max.	69	65	----	69	73
	Min.	55	48	----	55	58
August 2020	Max.	----	----	----	----	----
	Min.	----	----	----	----	----
July 2020	Max.	74	72	77	----	78
	Min.	46	52	52	----	52
June 2020	Max.	72	78	78	----	77
	Min.	44	64	53	----	54
May 2020	Max.	58	57	58	----	58
	Min.	42	42	41	----	42
April 2020	Max.	64	62	58	57	----
	Min.	42	41	42	42	----
Max.		74	78	78	69	78
Min.		42	41	41	42	42
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

Chart Title



	Day time	Night time	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	Permissible Limit		Sep-20		Aug-20		Jul-20		Jun-20		May-20		Apr-20	
■ SEZ-I, At Fire Station	75	70	74	42	0	0	74	46	72	44	58	42	64	42
■ SEZ-II, Main Gate	75	70	78	41	0	0	72	52	78	64	57	42	62	41
■ SEZ-I, Main Gate	75	70	78	41	0	0	77	52	78	53	58	41	58	42
■ SEZ-II, Pumping Station-D	75	70	69	42	0	0	0	0	0	0	0	0	57	42
■ SEZ-I, Pumping Station-C	75	70	78	42	0	0	78	52	77	54	58	42	0	0

4. WATER QUALITY MONITORING REPORT



Period: April 2020 to September 2020



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 (April 2020 to September 2020)

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

Ground Water Sample	Month	May 2020			June 2020			July 2020			September			
	Date of Sampling	18/05/20	27/05/20	28/05/20	08/06/20	10/06/20	22/06/20	02/07/20	02/07/20	13/07/20	21/09/2020	21/09/2020	23/09/2020	
Location		Dahej	Luwara	Suva	Ambheta	Luwara	Dahej	Dahej	Ambheta	Luwara	Lakhigam	Jageshwar	Dahej	
S. No.	Test Parameters	Unit	Result											
Physical Quality														
1	pH @25 °C	----	8.12	8.17	8.48	8.20	8.40	8.07	8.30	8.33	8.31	7.84	8.18	8.32
2	Color	Pt.Co.Scale	10	10	10	10	10	10	10	10	10	BDL (MDL: 5)	BDL (MDL: 5)	BDL (MDL: 5)
3	Odour	----	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
4	Turbidity	----	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.5	1.2
5	Temperature	°C	32	32	32	32	32	32	26	28	26	30	27	32
6	Total Dissolved Solids	mg/l	1015	4368	342	304	4950	2305	1605	186	2405	338	312	1224
7	Taste	----	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
Chemical Quality														
1	Total Alkalinity	mg/l	502.5	1015	142.1	548.1	893.2	842.4	587	127.3	1000	178	138	412
2	Chloride (as Cl ⁻)	mg/l	237.5	1049.6	19.9	49.9	829.7	337.4	362.3	22.4	1089.6	66	74	448
3	Sulphate (as SO ₄ ²⁻)	mg/l	6.46	557.5	10.3	15.7	407.5	79.5	89.1	27.4	707	24	36	68
4	Nitrate (as NO ₃)	mg/l	5.1	22.5	0.3	3.0	18	27.5	3.1	0.6	29	1.1	1.1	1.8
5	Calcium (as Ca)	mg/l	60.1	12	4	16	12	32	30	24	16	42	34	82
6	Magnesium (as Mg)	mg/l	31.5	29.1	19.4	9.7	21.8	58.3	19.4	11.4	24.3	24	22	54
7	Fluoride (as F)	mg/l	0.25	2.5	0.23	1.4	1.4	0.42	1.96	1.96	1.39	0.3	0.3	0.4
8	Iron (as Fe)	mg/l	BDL (MDL: 0.1)	0.103	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	0.05	0.06	0.1
9	Zinc (as Zn)	mg/l	0.056	0.068	0.052	BDL (MDL: 0.05)	0.059	0.052	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	0.12	0.12	0.14
10	Phenolic Compound (as C ₆ H ₅ OH)	mg/l	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)
11	Residual Chlorine	mg/l	BDL (MDL: 0.2)	BDL (MDL: 0.2)	BDL (MDL: 0.2)	BDL (MDL: 0.2)	BDL (MDL: 0.2)	BDL (MDL: 0.2)	BDL (MDL: 0.2)	BDL (MDL: 0.2)	BDL (MDL: 0.2)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)

Note: BDL=Below Detection Limit, MDL=Minimum Detection Limit, Turbidity: 0.1=5.22 NTU

4.2. Surface Water Quality Monitoring Data (April 2020 to July 2020)

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

Ground Water Sample	Month	April 2020		May 2020			June 2020		July 2020		
	Date of Sampling	28/04/20	28/04/20	27/05/20	27/05/20	27/05/20	30/06/20	30/06/20	16/07/20	30/07/20	
Location		Nr. OPaL Main Gate Wall	Nr. OPaL Opp. M/s. Prakash Chemicals	OPaL Gate no. 1	OPaL Gate no. 4	M/s. Prakash Industries	OPaL Gate No. 4	M/s. Prakash Industries (Opp. OPaL)	M/s. OPaL Main Gate SEZ-I Security Cabin	OPaL Wall Opp. SEZ-I Fire Station	
S. No.	Test Parameters	Unit	Result								
Physical Quality											
1	pH @25 °C	----	5.95	7.22	2.27	7.20	7.22	2.14	7.01	5.76	7.83
2	Color	Pt.Co.Scale	350	300	150	150	150	200	200	250	200
3	Odour	----	N.Ag.	N.Ag.	N.Ag.	N.Ag.	N.Ag.	N.Ag.	N.Ag.	N.Ag.	N.Ag.
4	Turbidity	----	10	10	5	1	1	1	1	100	100
5	Temperature	°C	33	34	32	32	32	32	32	28	30
6	Total Dissolved Solids	mg/l	18040	14735	23410	12705	2060	7905	17450	28600	10670
7	Taste	----	N.Ag.	N.Ag.	N.Ag.	N.Ag.	N.Ag.	N.Ag.	N.Ag.	N.Ag.	N.Ag.
Chemical Quality											
1	Total Alkalinity	mg/l	190.9	321.6	1015	812	324.8	425	1421	1600	603
2	Chloride (as Cl ⁻)	mg/l	4772.9	2989.1	5948.1	3298.9	399.8	1439.2	3305.3	6947.8	4317
3	Sulphate (as SO ₄ ⁻²)	mg/l	6924	6984	18530	11030	1164	2795	5780	850	28.3
4	Nitrate (as NO ₃)	mg/l	1.2	0.7	8.9	1.1	2.9	1.4	3	35	180
5	Calcium (as Ca)	mg/l	440.8	601.2	601.2	761.5	48	240.4	841.6	280.5	496.9
6	Magnesium (as Mg)	mg/l	218.7	243	170.1	704.7	14.5	102	315.9	72.9	136.1
7	Fluoride (as F)	mg/l	4.2	4.1	6.4	4.85	0.94	12	10.5	11.5	1.36
8	Iron (as Fe)	mg/l	0.152	0.108	BDL (MDL: 0.1)	BDL (MDL: 0.1)	0.280	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)
9	Zinc (as Zn)	mg/l	0.071	0.064	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)
10	Phenolic Compound (as C ₆ H ₅ OH)	mg/l	1.1	0.45	0.2	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)
11	Residual Chlorine	mg/l	BDL (MDL: 0.2)	BDL (MDL: 0.2)	BDL (MDL: 0.2)	BDL (MDL: 0.2)	BDL (MDL: 0.2)	BDL (MDL: 0.2)	BDL (MDL: 0.2)	BDL (MDL: 0.2)	BDL (MDL: 0.2)
12	COD	mg/l	1762.1	473.7	2399.0	265.6	261.3	704.9	419.6	6499.5	246.0

4.3. Surface Water (Storm Water) Quality Monitoring Data (June2020)

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

Ground Water Sample	Month	June 2020	
	Date of Sampling	18/06/20	
Location		Surface Water Near M/s. Yashashvi Rasayan Storm Water Drainage	
S. No.	Test Parameters	Unit	Result
Physical Quality			
1	pH @25 °C	----	12.31
2	Color	Pt.Co.Scale	>500/Objectionable
3	Temperature	°C	31
Chemical Quality			
1	Total Dissolved Solids	mg/l	46040
2	Total Suspended Solids	mg/l	325
3	Oil & Grease	mg/l	16.0
4	Fluoride	mg/l	3.1
5	Sulphide	mg/l	69.5
6	Ammonical Nitrogen	mg/l	13.6
7	Copper	mg/l	0.146
8	Zinc	mg/l	0.175
9	BOD (3 days at 27 °C)	mg/l	510.0
10	COD	mg/l	1571.6
11	Arsenic	mg/l	BDL (MDL: 0.01)
12	Mercury	mg/l	BDL (MDL: 0.001)
13	Lead	mg/l	BDL (MDL: 0.01)
14	Hexavalent Chromium	mg/l	7.8
15	Total Chromium	mg/l	12.6
16	Nickel	mg/l	0.161
17	Cyanide	mg/l	BDL (MDL: 0.05)
18	Phenolic Compound	mg/l	1.4
19	Chloride (as Cl ⁻)	mg/l	7742.2
20	Sulphate (as SO ₄ ⁻²)	mg/l	4561.8
21	Nitrate	mg/l	19.6

Note: BDL=Below Detection Limit, MDL=Minimum Detection Limit

**4.4. Surface Water (Storm Water) Quality Monitoring Data (August 2020)
For M/s. Dahej SEZ Limited (SEZ Developer)**

Ground Water Sample		Month	August 2020	
		Date of Sampling	10/08/20	10/08/20
Location			Camalin Life Sciences Limited -Storm Water Inside	Camalin Life Sciences Limited- Storm Water Outside
S. No.	Test Parameters	Unit	Result	
1	pH	----	6.41	9.28
2	Total Suspended Solids	mg/l	45	320
3	Total Dissolved Solids at 180 °C	mg/l	1206	4447
4	Chloride	mg/l	330	1135
5	Sulphate	mg/l	68	922
6	COD	mg/l	68	194
7	Dissolved Oxygen	mg/l	2.9	0.2
8	BOD (3 days at 27oC)	mg/l	20	64
9	Oil & Grease	mg/l	2.4	23.4
10	Nitrate	mg/l	6.8	3.4

4.5. Surface Water (Storm Water) Quality Monitoring Data (September 2020)
For M/s. Dahej SEZ Limited (SEZ Developer)

Ground Water Sample	Month	September 2020				
	Date of Sampling	08/09/20	22/09/20	22/09/20	22/09/20	
Location		OPAL (Near Pumping Station-C)	SEZ-1 Accent Microcell	SEZ-1 Meghmani (mol)	SEZ-2 Camlin	
S. No.	Test Parameters	Unit	Result			
1	Temperature	°C	29	30	29	29
2	pH @ 25°C	pH unit	2.14	7.24	7.33	7.33
3	Colour	Pt. Co. Scale	55	10	8	8
4	Odour	-	Agreeable	Agreeable	Agreeable	Agreeable
5	Turbidity	NTU	140	26.2	23.6	23.6
6	TDS	mg/L	2650	1345	1480	1480
7	Total Alkalinity	mg/L	BDL (MDL-25)	448	492	492
8	Chloride	mg/L	985	412	532	532
9	Sulphate	mg/L	456	108	72	72
10	Nitrate	mg/L	35.2	2.3	1.8	1.8
11	Calcium	mg/L	320	114	92	92
12	Magnesium	mg/L	51	55	65	65
13	Fluoride	mg/L	1.4	0.8	0.7	0.7
14	Phenolic compound	mg/L	0.6	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)
15	Residual chlorine	mg/L	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)
16	Iron	mg/L	0.45	0.12	0.08	0.08
17	Zinc	mg/L	0.6	0.14	0.15	0.15
18	COD	mg/L	1548	236	196	196

BDL: Below Detection Limit, **MDL:** Minimum Detection Limit

4.6. Marine Water Quality Monitoring Data (April 2020 to June 2020)

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

Ground Water Sample		Month	April 2020		May 2020		June 2020	
		Date of Sampling	28/04/20	28/04/20	18/05/20	27/05/20	11/09/20	17/06/20
Location		Low Tide	High Tide	Low Tide	High Tide	Low Tide	High Tide	
S. No.	Test Parameters	Unit	Result					
Physical Quality								
1	pH @25 °C	----	8.01	7.87	8.05	7.7	7.94	8.15
2	Temperature	°C	31	32	31	32	31	32
3	Turbidity	NTU	581.2	290.6	1922	2157	1433	1142
4	Total Suspended Solids	mg/l	1510	1590	1124	1355	1092	560
Chemical Quality								
1	Biochemical Oxygen Demand (BOD)	mg/l	6	8	8	9	9	14
2	Ammonical Nitrogen	mg/l	BDL (MDL: 2.0)	2.2	BDL (MDL: 2.0)	BDL (MDL: 2.0)	2.8	BDL (MDL: 2.0)
3	Salinity	ppt	29.1	29.2	21.8	29.6	33.6	41.9
4	Dissolved Oxygen	mg/l	5.2	5.0	5.5	5.4	5.3	5.4
5	Total Nitrogen	mg/l	2.4	3.4	1.7	BDL (MDL: 2.0)	3.1	2.2
6	Dissolved Phosphate	mg/l	0.21	0.25	0.9	0.9	0.39	0.56
7	Nitrate	mg/l	1.1	0.45	1.3	1.3	1.2	1.0
8	Nitrite	mg/l	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)
9	Phenol	mg/l	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)
10	Petroleum Hydrocarbon(PHc)	ppb	ND	ND	ND	12	ND	8

Note: BDL=Below Detection Limit, MDL=Minimum Detection Limit, ND=Non Detected

4.7. Marine Water Quality Monitoring Data (July 2020 to September 2020)

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

Ground Water Sample		Month	July 2020		August 2020		September 2020			
		Date of Sampling	04/07/20	25/07/20	----	----	07/09/20	07/09/20	24/09/20	24/09/20
Location			Low Tide	High Tide	Low Tide	High Tide	Suva Low Tide	Suva High Tide	Ambheta Low Tide	Ambheta High Tide
S. No.	Test Parameters	Unit	Result							
Physical Quality										
1	pH @25 °C	----	7.96	7.90	Sample not taken during August 2020	8.05	8.11	8.12	8.18	
2	Temperature	°C	28	28		25.5	25	26	25.5	
3	Turbidity	NTU	2043	1615		36	40	30	35	
4	Total Suspended Solids	mg/l	1602	1248		115	125	112	120	
Chemical Quality										
1	Biochemical Oxygen Demand (BOD)	mg/l	10	12	Sample not taken duriyng August 2020	BDL (MDL: 2)	BDL (MDL: 2)	BDL (MDL: 2)	BDL (MDL: 2)	
2	Ammonical Nitrogen	mg/l	2.2	BDL (MDL: 2.0)		BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	
3	Salinity	ppt	16.3	31.8		33.8	34.1	33.2	33.6	
4	Dissolved Oxygen	mg/l	4.8	4.9		5.9	6.1	5.8	6.0	
5	Total Nitrogen	mg/l	3.2	2.3		0.38	0.44	0.36	0.42	
6	Dissolved Phosphate	mg/l	0.12	0.25		0.08	0.1	0.06	0.06	
7	Nitrate	mg/l	1.6	1.8		0.18	0.22	0.18	0.20	
8	Nitrite	mg/l	BDL (MDL: 0.1)	BDL (MDL: 0.1)		BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	
9	Phenol	mg/l	BDL (MDL: 0.001)	BDL (MDL: 0.001)		BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	
10	Petroleum Hydrocarbon(PHc)	ppb	ND	6		12	15	10	13	

Note: BDL=Below Detection Limit, MDL=Minimum Detection Limit, ND=Non Detected

4.8. Wastewater Monitoring Data (April 2020)

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

Wastewater Samples		Month	April 2020							
		Date of Sampling	25/04/20	25/04/20	27/04/20	27/04/20	28/04/20	28/04/20	29/04/20	29/04/20
Location		M/S. MEGHMANI UNICHEM LLP	GIDC PUMP STATION- C	M/S. RALLIS INDIA LTD.	GIDC PUMP STATION- D	M/S. RAMDEV CHEMICAL INDUSTRIES PVT. LTD.	M/S. SUM PHARMACEUTICAL INDUSTRIES LTD.	M/S. THERMAX LIMITED – CHEMICAL DIVISION	M/S. TATVA CHINTAN PHARMA CHEM PVT. LTD,	
S. No.	Test Parameters	Unit	Result							
1	pH @25 °C	----	7.71	4.92	7.88	7.85	7.78	7.98	7.90	7.86
2	Color	Pt.Co.Scale	250	>500	50	80	80	150	80	60
3	Temperature	°C	31	31	31	31	31	31	32	32
4	Total Dissolved Solids	mg/l	15865	12266	420	7200	7390	4950	5920	3850
5	Total Suspended Solids	mg/l	246	4925	10	200	10	30	30	10
6	Oil & Grease	mg/l	BDL (MDL: 2.0)	45	BDL (MDL: 2.0)	4.0	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)
7	Fluoride	mg/l	0.76	13.2	0.41	0.62	0.50	0.22	0.32	0.64
8	Sulphide	mg/l	BDL (MDL: 0.05)	7.2	0.30	1.20	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)
9	Ammonical Nitrogen	mg/l	36.5	194.5	13.4	9.8	3.6	4.2	24.6	6.4
10	Copper	mg/l	0.124	0.185	0.052	0.092	0.071	0.059	0.134	0.094
11	Zinc	mg/l	0.136	0.197	0.059	0.106	0.104	0.068	0.139	0.101
12	BOD (3 days @27 °C)	mg/l	72	2195	46	80	7	22	45	8
13	COD	mg/l	224.7	6614	145.6	248.7	24.3	74.8	144.7	32.7
14	Arsenic	mg/l	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)
15	Mercury	mg/l	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)
16	Lead	mg/l	BDL (MDL: 0.01)	0.162	BDL (MDL: 0.01)	BDL (MDL: 0.01)	0.071	0.048	0.065	BDL (MDL: 0.01)
17	Hexavalent Chromium	mg/l	BDL (MDL: 0.05)	0.31	BDL (MDL: 0.05)	BDL (MDL: 0.05)	0.12	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)
18	Total Chromium	mg/l	0.084	0.674	BDL (MDL: 0.05)	BDL (MDL: 0.05)	0.305	BDL (MDL: 0.05)	BDL (MDL: 0.05)	0.058
19	Nickel	mg/l	0.106	0.191	0.047	0.066	0.069	0.054	0.128	0.077
20	Cyanide	mg/l	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)
21	Phenolic Compound	mg/l	BDL (MDL: 0.1)	6.20	BDL (MDL: 0.1)	0.50	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)
22	Chloride (as Cl ⁻)	mg/l	5124.8	6267.5	12.3	1834.2	3120.4	1640.2	124.3	1164.2
23	Sulphate (as SO ⁻²)	mg/l	4320.0	4755.0	98.6	165.4	978.5	698.4	3024.0	325.8
24	Nitrate	mg/l	1.8	18.5	0.1	1.2	0.5	24.5	0.6	0.8
25	Bio Assay Test	%	90 % survival of fish after 48 hrs.	Not Pass the test.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.
26	Pesticides	ppb	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent

Note: BDL=Below Detection Limit, MDL=Minimum Detection Limit

4.9. Wastewater Monitoring Data (May 2020)

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

Wastewater Samples			May 2020									
			Month	08/05/20	08/05/20	11/05/20	14/05/20	18/05/20	18/05/20	21/05/20	22/05/20	23/05/20
Date of Sampling			M/S. INDOFIL INDUSTRIES LTD.	GIDC PUMP STATION-C	M/S. COROMANDAL INTERNATIONAL LTD.	M/S. ROXUL-ROCKWOOL INSULATION PVT. LTD.	M/S. SHIVA PHARMACHEM LTD.	GIDC PUMP STATION-D	M/S. BENZO CHEM INDUSTRIES PVT. LTD.	M/S. ARIES COLOR CHEM PVT. LTD.	M/S. FERMENTA BIOTECH LTD.	M/S. YASHASHVI RASAYAN
Location												
S. No.	Test Parameters	Unit	Result									
1	pH @25 °C	----	6.98	12.38	7.73	8.20	6.92	7.71	7.53	8.31	7.47	7.98
2	Color	Pt.Co.Scale	100	>500	60	60	60	150	80	200	100	80
3	Temperature	°C	32	32	32	32	32	32	32	32	32	32
4	Total Dissolved Solids	mg/l	114020	22430	2270	4570	8705	14555	2330	39690	5105	1115
5	Total Suspended Solids	mg/l	265	1270	50	10	55	55	20	365	110	50
6	Oil & Grease	mg/l	BDL (MDL: 2.0)	22.0	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)	4.0	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)
7	Fluoride	mg/l	0.48	4.56	0.31	0.52	0.61	1.18	0.42	3.60	0.64	1.10
8	Sulphide	mg/l	BDL (MDL: 0.05)	6.3	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	0.34	0.3	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)
9	Ammonical Nitrogen	mg/l	2.4	236.2	12.4	BDL (MDL: 2.0)	5.6	8.7	BDL (MDL: 2.0)	3.6	12.2	BDL (MDL: 2.0)
10	Copper	mg/l	0.302	0.179	0.052	0.074	0.084	0.116	0.065	0.176	0.071	0.057
11	Zinc	mg/l	0.258	0.226	0.048	0.081	0.096	0.207	0.074	0.183	0.066	0.061
12	BOD (3 days @27 °C)	mg/l	12	3010	4	2	48	46	42	64	50	12
13	COD	mg/l	41.2	8858.0	12.5	8.2	168.0	155.4	146.8	218.8	169.1	42.0
14	Arsenic	mg/l	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)
15	Mercury	mg/l	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)
16	Lead	mg/l	0.192	0.157	BDL (MDL: 0.01)	0.062	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	0.121	0.059	BDL (MDL: 0.01)
17	Hexavalent Chromium	mg/l	BDL (MDL: 0.05)	0.87	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)
18	Total Chromium	mg/l	0.172	1.748	BDL (MDL: 0.05)	BDL (MDL: 0.05)	0.071	0.094	BDL (MDL: 0.05)	0.143	BDL (MDL: 0.05)	0.060
19	Nickel	mg/l	0.241	0.204	0.026	0.057	BDL (MDL: 0.02)	0.121	0.048	0.125	0.062	0.058
20	Cyanide	mg/l	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)
21	Phenolic Compound	mg/l	BDL (MDL: 0.1)	4.8	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)
22	Chloride (as Cl ⁻)	mg/l	3452.6	3560.5	256.6	398.2	4920.4	7654.2	1120.3	4328.5	546.2	98.4
23	Sulphate (as SO ⁻²)	mg/l	78564	6745	1237	25	1284	2125	423	16542	1862	765
24	Nitrate	mg/l	16.0	32.0	18.2	2.2	3.5	6.2	2.3	26.4	4.2	1.2
25	Bio Assay Test	%	90 % survival of fish after 48 hrs.	Not Pass the test.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.
26	Pesticides	ppb	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent

Note: BDL=Below Detection Limit, MDL=Minimum Detection Limit

4.10. Wastewater Monitoring Data (June 2020)

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

Wastewater Samples		Month	June 2020									
		Date of Sampling	07/06/20	13/06/20	15/06/20	15/06/20	18/06/20	18/06/20	22/06/20	23/06/20	30/06/20	30/06/20
Location			M/S. BENZO CHEM INDUSTRIES PVT. LTD.	M/S. MEGHMANI ORGANICS LTD.	M/S. RALLIS INDIA LTD.	GIDC PUMP STATION-C	M/S. MEGHMANI UNICHEM LLP.	GIDC PUMP STATION-D	M/S. ONGC PETRO ADDITIONS LTD.	M/S. ACCENT MICROCELL PVT. LTD.	M/S. FIRMENICH AEROMATICS PRODUCTION (INDIA) PVT. LTD.	M/S. THERMEX LIMITED – CHEMICAL DIVISION
S. No.	Test Parameters	Unit	Result									
1	pH @25 °C	----	8.22	7.25	9.60	6.45	7.93	8.12	7.47	6.94	7.68	7.79
2	Color	Pt.Co.Scale	120	150	80	>500	400	80	50	100	150	80
3	Temperature	°C	31	31	31	31	31	31	31	31	31	31
4	Total Dissolved Solids	mg/l	8440	3756	1755	8390	6795	1530	2755	6170	6005	14575
5	Total Suspended Solids	mg/l	1785	25	10	245	95	45	5	15	30	BDL (MDL: 4.0)
6	Oil & Grease	mg/l	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)	8	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)
7	Fluoride	mg/l	0.45	0.63	0.72	0.89	0.13	0.33	0.71	0.98	12	7.20
8	Sulphide	mg/l	0.3	BDL (MDL: 0.05)	BDL (MDL: 0.05)	3.2	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)
9	Ammonical Nitrogen	mg/l	4.5	4.5	17.6	69.6	4.5	34.6	2.2	10.2	3.4	40.3
10	Copper	mg/l	0.143	0.052	0.055	0.141	0.068	0.106	0.056	0.082	0.071	0.149
11	Zinc	mg/l	0.221	0.071	0.071	0.137	0.106	0.128	0.069	0.096	0.065	0.227
12	BOD (3 days @27 °C)	mg/l	190	34	44	430	10	44	10.0	30.0	48	33
13	COD	mg/l	576.4	116.3	150.7	1256.4	33.4	150.4	37.6	104.7	167.8	109
14	Arsenic	mg/l	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)
15	Mercury	mg/l	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)
16	Lead	mg/l	0.105	0.054	BDL (MDL: 0.01)	0.139	0.042	BDL (MDL: 0.01)	BDL (MDL: 0.01)	0.074	0.086	0.121
17	Hexavalent Chromium	mg/l	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	2.4	0.65	2.44	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)
18	Total Chromium	mg/l	0.172	0.065	BDL (MDL: 0.05)	0.572	0.561	6.106	BDL (MDL: 0.05)	0.071	BDL (MDL: 0.05)	BDL (MDL: 0.05)
19	Nickel	mg/l	0.216	0.049	0.048	0.164	0.055	0.129	0.054	0.152	0.094	0.169
20	Cyanide	mg/l	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)
21	Phenolic Compound	mg/l	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	0.1	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)
22	Chloride (as Cl ⁻)	mg/l	4248.8	839.7	183.6	3126.6	4466.7	297.7	536.0	2183.7	1062	3573.3
23	Sulphate (as SO ⁻²)	mg/l	8.5	2420	1132.5	1930	614.0	1065	1267.0	505	1495	3965.0
24	Nitrate	mg/l	0.1	7.5	0.2	2.0	22.5	0.3	0.7	1.2	0.7	1.2
25	Bio Assay Test	%	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	Not Pass the test.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.
26	Pesticides	ppb	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent

Note: BDL=Below Detection Limit, MDL=Minimum Detection Limit

4.11. Wastewater Monitoring Data (July 2020)

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

Wastewater Samples		Month	July 2020									
		Date of Sampling	04/07/20	13/07/20	16/07/20	21/07/20	22/07/20	24/07/20	27/07/20	28/07/20	29/07/20	31/07/20
Location			GIDC PUMP STATION-C	GIDC PUMP STATION-D	M/S. INDOFIL INDUSTRIES LTD.	M/S. RAKS PHARMA PVT. LTD.	M/S. MACSON COLOR CHEM PVT. LTD.	M/S. CHEMLIN FINE SCIENCE LTD.	M/S. MEGHMANI INDUSTRIES LTD.	M/S. TORRENT PHARMACEUTICALS LIMITED	M/S. FIRMENICH AROMATICS PRODUCTION (INDIA) PVT. LTD.	M/S. RALLIS INDIA LTD.
S. No.	Test Parameters	Unit	Result									
1	pH @25 °C	----	7.24	7.35	7.42	7.08	7.54	7.85	7.49	7.17	7.72	7.52
2	Color	Pt.Co.Scale	350	80	80	50	50	50	80	60	80	80
3	Temperature	°C	31	31	31	31	31	31	31	30	31	31
4	Total Dissolved Solids	mg/l	11985	2495	115150	3450	95	1020	2560	1865	6210	235
5	Total Suspended Solids	mg/l	1810	155	1245	30	BDL (MDL: 4.0)	5	5	BDL (MDL: 4.0)	50	BDL (MDL: 4.0)
6	Oil & Grease	mg/l	11	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)	BDL (MDL: 2.0)
7	Fluoride	mg/l	20.0	0.59	48.0	0.54	BDL (MDL: 0.2)	2.95	0.89	1.11	40.0	0.18
8	Sulphide	mg/l	6.0	1.2	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	0.8	BDL (MDL: 0.05)	0.8	BDL (MDL: 0.05)
9	Ammonical Nitrogen	mg/l	647.9	64.9	2.2	BDL (MDL: 2.0)	2.2	BDL (MDL: 2.0)	23.6	10.5	BDL (MDL: 2.0)	BDL (MDL: 2.0)
10	Copper	mg/l	0.162	0.085	0.054	0.064	0.055	0.061	0.064	0.071	0.071	0.065
11	Zinc	mg/l	0.154	0.107	0.114	0.082	0.084	0.074	0.076	0.086	0.092	0.082
12	BOD (3 days @27 °C)	mg/l	690	54	4	2	BDL (MDL: 1.0)	6	18	10	52	4
13	COD	mg/l	2025.6	182.8	12.6	8.2	BDL (MDL: 2.0)	16.6	62.4	33.2	178.8	12.1
14	Arsenic	mg/l	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)
15	Mercury	mg/l	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)	BDL (MDL: 0.001)
16	Lead	mg/l	0.144	BDL (MDL: 0.01)	BDL (MDL: 0.01)	BDL (MDL: 0.01)	0.042	BDL (MDL: 0.01)	0.048	BDL (MDL: 0.01)	0.065	BDL (MDL: 0.01)
17	Hexavalent Chromium	mg/l	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)
18	Total Chromium	mg/l	0.402	0.167	0.109	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	0.091	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)
19	Nickel	mg/l	0.126	0.092	0.104	0.054	0.051	0.064	0.052	0.056	0.086	0.042
20	Cyanide	mg/l	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)	BDL (MDL: 0.05)
21	Phenolic Compound	mg/l	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)	BDL (MDL: 0.1)
22	Chloride (as Cl ⁻)	mg/l	3077.0	999.6	3698.8	214.9	39.9	289.9	1219.6	893.3	1129.6	24.8
23	Sulphate (as SO ⁻²)	mg/l	7154	1162	107200	13.9	58.8	156.7	44.6	232	1661	43.9
24	Nitrate	mg/l	13.0	2.3	5.1	8.10	2.90	24.0	3.9	30.5	2.1	1.7
25	Bio Assay Test	%	Not Pass the test.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.	90 % survival of fish after 48 hrs.
26	Pesticides	ppb	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent

Note: BDL=Below Detection Limit, MDL=Minimum Detection Limit

4.12. Wastewater Monitoring Data (August 2020)

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

Wastewater Samples	Month		August 2020	
	Date of Sampling		10/08/20	20/08/2020
Location			M/S. CHEMLIN LIFESCIENCES LIMITED	M/S. MEGHMANI UNICHEM LLP.
S. No.	Test Parameters	Unit	Result	
1	pH @25 °C	----	8.22	7.1
2	Total Suspended Solids	mg/l	26	23
3	Total Dissolved Solids	mg/l	1425	3000
4	Chloride	mg/l	515	1024
5	Sulphate	mg/l	45	603
6	COD	mg/l	32	272
7	Dissolved Oxygen	mg/l	4.9	4.1
8	BOD (3 days @27 °C)	mg/l	13	84
9	Oil & Grease	mg/l	7.2	4.8
10	Nitrate	mg/l	5.6	5.6

4.13. Wastewater Monitoring Data (September 2020)

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

Wastewater Samples		Month	September 2020									
		Date of Sampling	04/09/20	05/09/20	05/09/20	07/09/20	07/09/20	08/09/20	08/09/20	09/09/20	09/09/2020	10/09/20
Location			M/s. Meghmani Organics Ltd.	M/s. Indofil Industries Ltd.	M/s. SUN Pharmaceutical Industries Ltd.	M/s. Tatva Chintan Pharma Chem Pvt. Ltd.	M/s. Coromandal International Ltd.	M/s. Rallis India	M/s. Fermenta Bio Tech	M/s. Firmenich Aeromatics	M/s. Macson Colour Chemicals Ltd.	M/s. Maghmani Industries Ltd. (Z-6)
S. No.	Test Parameters	Unit	Result									
1	Temperature	°C	35	37	31	30	34	33	36	32	36	35
2	pH at 250C	pH unit	7.03	7.04	7.12	7.24	7.08	7.30	7.62	7.84	8.52	7.64
3	Total Suspended Solids (TSS)	mg/L	78	28	72	65	22	62	42	65	10	35
4	Chloride	mg/L	1232	1312	1292	796	692	451	192	312	64	396
5	Sulphate	mg/L	755	789	648	482	236	196	36	42	26	238
6	Oil & grease	mg/L	7.6	4.5	7.2	7.8	3.5	8.4	6.4	3.5	0.8	3.5
7	Fluoride	mg/L	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.9
8	Sulphide	mg/L	1.2	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
9	Ammonical Nitrogen	mg/L	12.6	5.8	8.6	11.3	5.1	20.2	11	11.3	5.2	7.3
10	Total Kjeldahl Nitrogen	mg/L	15.9	7.6	12.3	18.6	8.4	32.4	18	19.5	7.8	11.5
11	Free Ammonia	mg/L	0.15	0.07	0.1	0.16	0.06	0.39	0.5	0.68	1.48	0.35
12	Copper	mg/L	0.08	0.08	0.09	0.07	0.06	0.06	0.06	0.06	0.06	0.07
13	Zinc	mg/L	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.3
14	BOD 3 days at 270C	mg/L	92	28	85	71	12	75	35	52	6	27
15	COD	mg/L	240	96	224	187	37	240	157	236	24	93
16	Total Residual Chlorine	mg/L	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2
17	Arsenic	mg/L	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)
18	Mercury	mg/L	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)
19	Lead	mg/L	0.07	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
20	Cadmium	mg/L	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)
21	Hexavalent Chromium	mg/L	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
22	Total Chromium	mg/L	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.5
23	Nickel	mg/L	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)
24	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25	Phenolic compound	mg/L	0.3	0.3	0.1	0.1	0.3	0.1	0.1	0.4	0.1	0.3
26	Iron	mg/L	0.8	1.0	1.0	0.7	0.8	0.7	0.8	0.8	0.7	0.9
27	Vanadium	mg/L	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)
28	Manganese	mg/L	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)
29	Nitrate Nitrogen as NO3-N	mg/L	2.5	2.1	2.2	4.1	2.2	3.7	2.0	2.0	BDL (DL- 2.0)	BDL (DL- 2.0)

Note: BDL=Below Detection Limit, MDL=Minimum Detection Limit

Wastewater Samples	Month	September 2020									
--------------------	-------	----------------	--	--	--	--	--	--	--	--	--

			Date of Sampling	10/09/20	11/09/20	11/09/20	14/09/20	14/09/20	15/09/20	15/09/20	16/09/20	16/09/20	18/09/20
Location			M/s. Ramdev Chemical Industries Pvt Ltd.	M/s. Glenmark Generics Ltd.	M/s. Torrent Pharmaceuticals	M/s. Roxul-Rockwool Insulation India Pvt Ltd.	M/s. Sigachi Cellulose Pvt. Ltd.	M/s. Accent Microcell Pvt. Ltd.	M/s. Aries Color Chem Pvt Ltd.	M/s. Powerband Industries Pvt. Ltd.	M/s. Hindustan M-1 Swallo Ltd.	M/s. Sun Pharmaceutical Industries Ltd.	
S. No.	Test Parameters	Unit	Result										
1	Temperature	°C	37	30	32	34	37	34	37	34	36	34	
2	pH at 250C	pH unit	7.20	8.21	6.92	8.30	7.50	7.72	8.53	7.71	7.62	7.63	
3	Total Suspended Solids (TSS)	mg/L	40	3.2	12	9	5.3	19	22	5.2	13	15	
4	Chloride	mg/L	1096	38	432	770	41	762	5198	164	71	1662	
5	Sulphate	mg/L	458	97	687	1019	84	1438	9394	202	179	1213	
6	Oil & grease	mg/L	7.0	1.5	3.2	3.0	2.5	4.5	341	4.2	4.6	2.3	
7	Fluoride	mg/L	1.0	0.5	0.9	0.9	0.6	1.1	1.1	0.4	0.5	0.6	
8	Sulphide	mg/L	0.7	0.2	0.7	0.6	0.4	1.2	1.8	0.3	0.4	0.5	
9	Ammonical Nitrogen	mg/L	17.2	5.5	21	12	8	17.4	26	6.2	7.8	17	
10	Total Kjeldahl Nitrogen	mg/L	24.6	8.2	27	17	14	25.6	33	9.3	12.2	24	
11	Free Ammonia	mg/L	0.35	0.6	0.16	2.1	0.31	1.1	7.1	0.32	0.39	0.73	
12	Copper	mg/L	0.09	0.05	0.08	0.09	BDL (DL- 0.05)	0.14	0.14	0.06	0.06	0.07	
13	Zinc	mg/L	0.4	0.12	0.20	0.33	0.12	0.28	0.4	0.15	0.18	0.24	
14	BOD 3 days at 270C	mg/L	51	4.1	14	7	4.4	87	341	5	5	85	
15	COD	mg/L	168	17	46	30	18	245	1056	22	22	272	
16	Total Residual Chlorine	mg/L	0.3	0.2	0.3	0.3	0.2	0.4	0.8	0.2	0.2	0.3	
17	Arsenic	mg/L	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	
18	Mercury	mg/L	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	
19	Lead	mg/L	0.08	BDL (DL- 0.05)	0.08	0.08	BDL (DL- 0.05)	0.09	0.09	0.06	0.06	0.06	
20	Cadmium	mg/L	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	
21	Hexavalent Chromium	mg/L	0.5	0.09	0.4	0.4	0.08	0.4	0.5	0.12	0.20	0.24	
22	Total Chromium	mg/L	0.6	0.10	0.6	0.7	0.13	0.5	0.8	0.18	0.4	0.35	
23	Nickel	mg/L	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	
24	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	
25	Phenolic compound	mg/L	0.5	0.1	0.3	0.3	0.2	0.3	0.5	0.1	0.2	0.1	
26	Iron	mg/L	0.9	0.26	0.9	0.9	0.2	0.8	1.5	0.3	0.4	0.7	
27	Vanadium	mg/L	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	
28	Manganese	mg/L	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	
29	Nitrate Nitrogen as NO3-N	mg/L	3.3	BDL (DL- 2.0)	2.9	0.4	BDL (DL- 2.0)	2.7	4.1	BDL (DL- 2.0)	BDL (DL- 2.0)	2.9	

Note: BDL=Below Detection Limit, MDL=Minimum Detection Limit

Wastewater Samples	Month	September 2020										
	Date of Sampling	18/09/20	21/09/20	21/09/20	22/09/20	22/09/20	22/09/20	22/09/20	22/09/20	23/09/2020	23/09/2020	25/09/2020

Location			M/s. Shiva Pharmachem Limited	M/s. Aarti Industries Limited	M/s. Neogen Chemicals Ltd.	M/s. Meghmani Organics	M/s. Meghmani Unichem Ltd.	M/s. Rask Pharma Pvt. Ltd.	M/s. Thermax Ltd.	M/s. Aarti Industries Ltd.	M/s. Benzo Chem Industries Pvt. Ltd.	M/s. Macson Color Chem Pvt. Ltd.
S. No.	Test Parameters	Unit	Result									
1	Temperature	°C	34	36	37	34	37	33	38	34	35	34
2	pH at 25OC	pH unit	7.23	7.53	7.63	8.6	7.7	7.6	7.53	8.4	7.4	7.42
3	Total Suspended Solids (TSS)	mg/L	17	20	40	17	16	15	13	8	14	11
4	Chloride	mg/L	215	312	1939	763	1050	390	2149	23	115	17
5	Sulphate	mg/L	508	382	430	1452	1637	440	1635	397	1542	116
6	Oil & grease	mg/L	6.2	7.3	14	1.1	1.3	2.0	12.1	4	4.3	2.5
7	Fluoride	mg/L	0.5	0.8	1.1	0.9	1.1	0.4	0.9	0.5	0.8	0.5
8	Sulphide	mg/L	0.6	1.3	0.9	1.3	1.8	0.3	1.2	0.8	0.9	0.7
9	Ammonical Nitrogen	mg/L	14.3	18	9.8	14.3	15.5	10.1	11.2	9.2	7.0	7.4
10	Total Kjeldahl Nitrogen	mg/L	19.2	25	15.5	19.2	22.6	14.3	16.5	14.8	11.4	11.7
11	Free Ammonia	mg/L	0.31	0.78	0.51	4.3	0.94	0.39	0.5	1.9	0.2	0.2
12	Copper	mg/L	0.07	0.08	0.08	0.06	0.17	0.07	0.1	0.06	0.09	0.06
13	Zinc	mg/L	0.26	0.30	0.28	0.3	0.5	0.22	0.3	0.2	0.3	0.2
14	BOD 3 days at 270C	mg/L	15	52	258	75	67	65	85	7	24	6
15	COD	mg/L	88	180	800	239	210	200	248	28	80	20
16	Total Residual Chlorine	mg/L	0.2	0.2	0.2	0.3	0.5	0.2	0.2	0.2	0.3	0.3
17	Arsenic	mg/L	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)
18	Mercury	mg/L	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)
19	Lead	mg/L	0.07	0.07	0.09	0.08	0.07	0.07	0.08	0.07	0.07	BDL (MDL- 0.05)
20	Cadmium	mg/L	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)
21	Hexavalent Chromium	mg/L	0.2	0.25	0.3	0.5	0.5	0.3	0.3	0.3	0.25	0.3
22	Total Chromium	mg/L	0.4	0.36	0.4	0.7	0.7	0.5	0.5	0.5	0.4	0.4
23	Nickel	mg/L	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)
24	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25	Phenolic compound	mg/L	0.1	0.1	0.2	0.4	0.4	0.15	0.2	0.2	0.4	0.2
26	Iron	mg/L	0.7	0.7	1.1	0.7	1.0	0.3	0.7	0.6	0.7	0.6
27	Vanadium	mg/L	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)
28	Manganese	mg/L	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)
29	Nitrate Nitrogen as NO3-N	mg/L	2.3	2.9	BDL (DL- 2.0)	2.5	2.8	2.2	BDL (DL- 2.0)	BDL (DL- 2.0)	BDL (DL- 2.0)	BDL (DL- 2.0)

Note: BDL=Below Detection Limit, MDL=Minimum Detection Limit

Wastewater Samples	Month	September 2020										
	Date of Sampling	25/09/20	28/09/20	28/09/20	29/09/20	29/09/20	29/09/20	30/09/20	30/09/20	30/09/20		
Location		M/s. Firmenich	M/s. Meghmani	M/s. Ramdev Chemical	M/s. Sigachi Cellulose	M/s. Aries Colorchem	M/s. Accent Microcell	M/s. Tatvachintan	M/s. Coromandal			

			Aromatic Producton (India) Ltd	Industries Ltd.	Ltd.	Pvt. Ltd.	Pvt. Ltd.	Pvt. Ltd.	Pharma Pvt. Ltd.	International Limited
S. No.	Test Parameters	Unit	Result							
1	Temperature	°C	35	36	34	33	35	35	34	36
2	pH at 250C	pH unit	7.5	8.1	7.2	8.04	8.5	7.8	8.03	7.72
3	Total Suspended Solids (TSS)	mg/L	22	14	30	15	27	16	14	6
4	Chloride	mg/L	1550	537	1254	74	869	546	761	365
5	Sulphate	mg/L	1807	895	489	23	457	584	328	257
6	Oil & grease	mg/L	3.7	4.0	6.5	2.5	4.4	8.5	4.0	2.0
7	Fluoride	mg/L	0.9	0.8	0.9	0.4	0.9	0.8	0.8	0.7
8	Sulphide	mg/L	0.6	1.0	1.2	0.5	1.1	1.0	1.2	0.9
9	Ammonical Nitrogen	mg/L	8.5	7.3	10.2	10.3	9.5	12.8	9.2	8.8
10	Total Kjeldahl Nitrogen	mg/L	14.3	14.8	16.4	14.5	14.7	18.6	14.5	13.4
11	Free Ammonia	mg/L	0.29	0.96	0.17	0.92	2.5	0.85	0.88	0.53
12	Copper	mg/L	0.1	0.09	0.10	0.08	0.1	0.08	0.08	0.08
13	Zinc	mg/L	0.3	0.25	0.24	0.15	0.3	0.2	0.20	0.3
14	BOD 3 days at 270C	mg/L	84	86	207	6.2	285	90	37	8
15	COD	mg/L	248	324	664	25	878	246	125	35
16	Total Residual Chlorine	mg/L	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.4
17	Arsenic	mg/L	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)
18	Mercury	mg/L	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)	BDL (MDL- 0.01)
19	Lead	mg/L	0.08	0.07	0.08	0.07	0.08	0.08	0.07	0.08
20	Cadmium	mg/L	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)	BDL (MDL- 0.05)
21	Hexavalent Chromium	mg/L	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3
22	Total Chromium	mg/L	0.7	0.7	0.7	0.4	0.6	0.5	0.5	0.5
23	Nickel	mg/L	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)	BDL (MDL- 0.3)
24	Cyanide	mg/L	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25	Phenolic compound	mg/L	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.5
26	Iron	mg/L	1.3	0.4	0.9	0.7	0.9	0.9	0.4	0.5
27	Vanadium	mg/L	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)	BDL (MDL- 0.1)
28	Manganese	mg/L	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)	BDL (MDL- 0.21)
29	Nitrate Nitrogen as NO3-N	mg/L	BDL (MDL- 2.0)	BDL (MDL- 2.0)	BDL (MDL- 2.0)	BDL (MDL- 2.0)	BDL (MDL- 2.0)	2.1	BDL (MDL- 2.0)	BDL (MDL- 2.0)

Note: BDL=Below Detection Limit, MDL=Minimum Detection Limit

**4.14. Domestic Effluent (Sewage Water) Monitoring Data (April 2020 to September 2020)
For M/s. Dahej SEZ Limited (SEZ Developer)**

Domestic Effluent (Sewage Water)		Month	May 2020	June 2020	July 2020
		Date of Sampling	27/05/20	29/06/20	13/07/20
S. No.	Test Parameters	Unit	Result		
1	Total Suspended Solids	mg/l	15	BDL (MDL: 4.0)	10
2	BOD (5 days @20 °C)	mg/l	8	6	BDL (MDL: 1.0)
3	Residual Chlorine	mg/l	1.25	1.51	1.24
Note: BDL=Below Detection Limit, MDL=Minimum Detection Limit					

5. SOIL QUALITY MONITORING REPORT



Period: April 2020 to September 2020



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

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

5.5. Soil Quality Monitoring Data (April 2020 to September 2020)

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

Soil Sample SEZ-1 Pumping station		Month: September 2020	
		Date of Sampling: 22/09/20	
S. No.	Test Parameters	Unit	Result
1	Arsenic	mg/kg	2.1
2	Lead	mg/kg	3.8
3	Antimony	mg/kg	BDL (MDL-0.2)
4	Beryllium	mg/kg	BDL (MDL-0.8)
5	Chromium	mg/kg	30.5
6	Titanium	mg/kg	N.D.
7	Zinc	mg/kg	65.4
8	Selenium	mg/kg	N.D.
9	Silver	mg/kg	BDL (MDL-0.5)
10	Nickel	mg/kg	3.2
11	Cadmium	mg/kg	1.1
12	VOCs	PPb	Absent
13	SVOCs	PPb	Absent
14	Copper	mg/kg	22.4
15	Mercury	mg/kg	BDL (MDL-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.

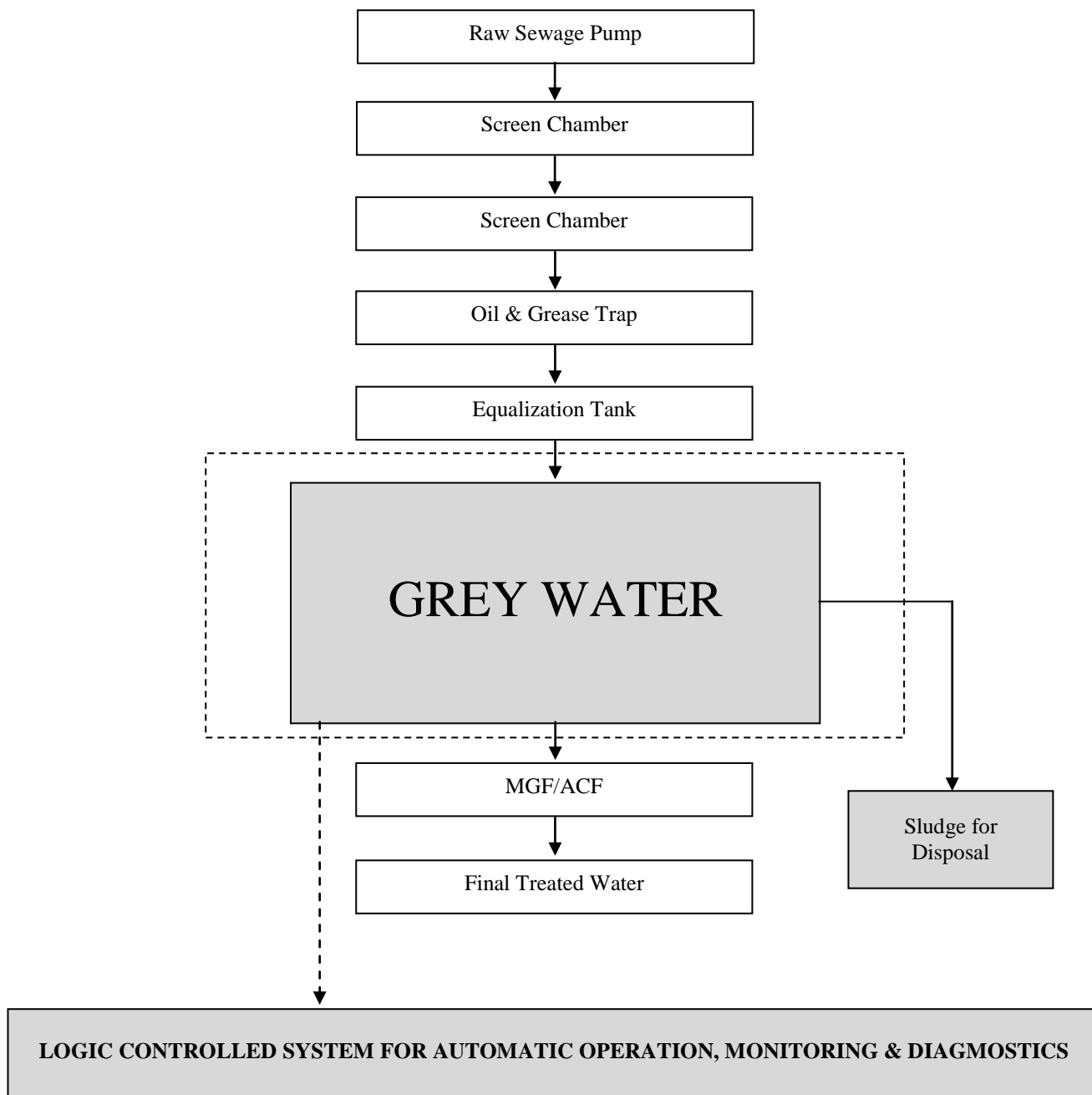
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer

Annexure 6: Schematic Flow Diagram of STP



Annexure 7: Acknowledge copies of previous submitted EC compliances



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,
S. N. 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 BIA 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

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 (प.प.)/Regional Office (Western Zone)
भोपाल (म.प्र.)/BHO PAL - 462016



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

Date: 29/05/2019

Ref.: DSL/Environment/Agency/2019/1223/2179

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 - October-2018 to March-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. 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 report (Period - October-2018 to March-2019) for EC compliance report along with environmental monitoring reports and other required details for Environmental Clearance and CRZ Clearance for our Development of Dahej SEZ Ltd., Village: Ambheta, 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 Faithfully,
S.N. Patil
S N Patil
Chief Executive Officer

Encl: As above

पर्यावरण एवं वन विभाग
Ministry of Environment & forest
केन्द्रीय कार्यालय (पश्चिम क्षेत्र)
Regional Office (Western Region)
"केन्द्रीय पर्यावरण भवन"
लिंक रोड नं. 3E-5, रावी शंकर नगर
भोपाल - 462 016 (म.प्र.)

Received on 31/05/2019
S. N. Patil
31/05/19

Annexure 8: Newspaper cut-outs of the published advertisement

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: Gujarati

Publication: Gujarat Prabha (Bharuch Edition)

Date: 28.04.2010

મેમ્સ ડહેજ એસ.ઈ.એડ. લિમિટેડ
ગામ:દહેજ,તા.વાગરા,જિ.ભરૂચ (ગુજરાત)
-:સુચના:-

આથી જાહેર જનતાને સુચિત કરવામાં આવે છે કે, મેમ્સ ડહેજ એસ.ઈ.એડ.લિમિટેડ દ્વારા ગામ:દહેજ,તા.વાગરા, જિ.ભરૂચ ખાતે આશરે ૧૮૦૩ હેક્ટર વિસ્તારમાં દહેજ એસ.ઈ.એડ.ના વિકાસ માટેના પ્રોજેક્ટને ભારત સરકારના પર્યાવરણ અને વનમંત્રાલય તરફથી આદેશ નં.21-1084/2007-IA-III, Dtd: 17th March, 2010 થી એન્વાયરલમેન્ટલ ક્લીયરન્સ પાઠવવામાં આવેલ છે. આ મંજૂરી પત્રની નકલ ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ, ગાંધીનગર તથા ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ, ગાંધીનગર તથા ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ, સ્થાનિક કચેરી, ભરૂચ ખાતે ઉપલબ્ધ છે. તેમજ પર્યાવરણ અને વનમંત્રાલયની વેબસાઈટ <https://envfor.nic.in> પર પણ જોઈ શકાશે.
માહિતી/ભરૂચ/૫૭/૨૦૧૦

Language: Gujarati

Publication: Sandesh (Vadodara Edition)

Date: 29.04.2010

મેમ્સ ડહેજ એસ.ઈ.એડ. લિમિટેડ
ગામ: દહેજ, તા.વાગરા, જિ.ભરૂચ (ગુજરાત)
-:સુચના:-

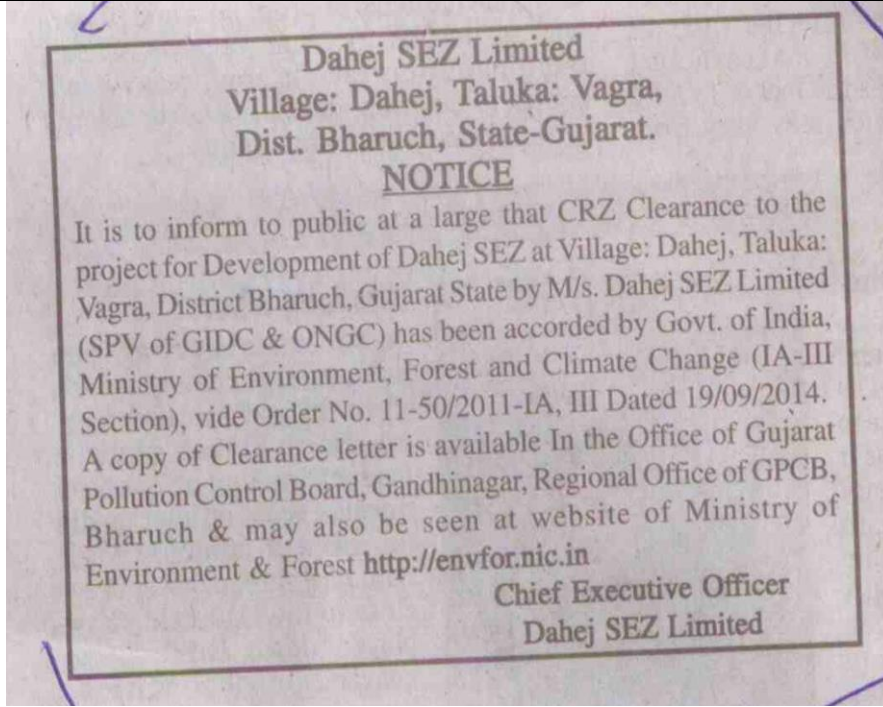
આથી જાહેર જનતાને સુચિત કરવામાં આવે છે કે, મેમ્સ ડહેજ એસ.ઈ.એડ. લિમિટેડ દ્વારા ગામ : દહેજ, તા.વાગરા, જિ.ભરૂચ ખાતે આશરે ૧૮૦૩ હેક્ટર વિસ્તારમાં દહેજ એસ.ઈ.એડ.ના વિકાસ માટેના પ્રોજેક્ટને ભારત સરકારના પર્યાવરણ અને વન મંત્રાલય તરફથી આદેશ નં.21-1084/2007-IA-III, Dtd:17th March,2010 થી એન્વાયરલમેન્ટલ ક્લીયરન્સ પાઠવવામાં આવેલ છે. આ મંજૂરી 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)

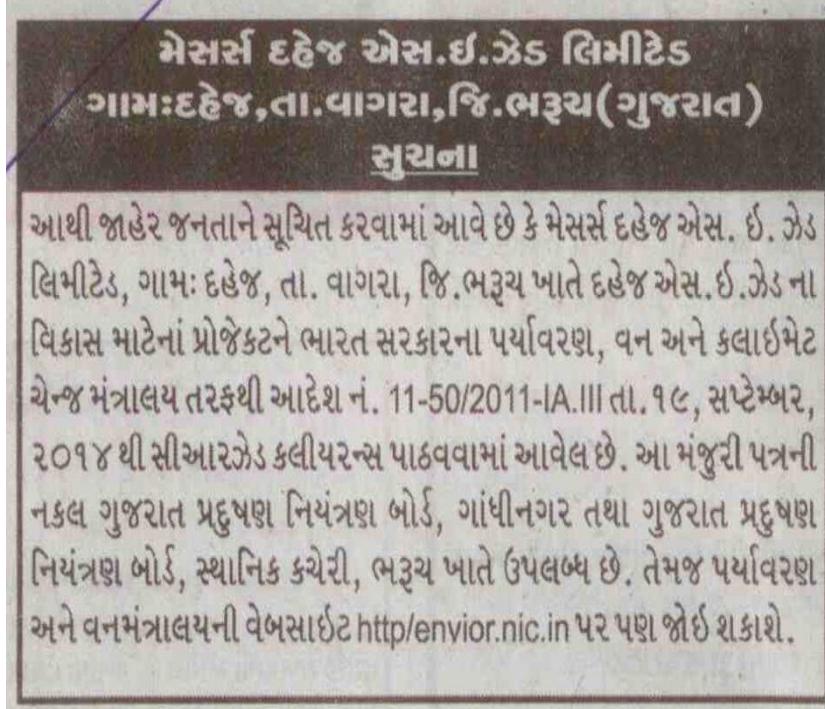
Date: 11.10.2014



Language: Gujarati

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

Date: 11.10.2014



Annexure 9: Copy of Environment Statement for FY 2019-2020

FORM – V **(SEE RULE 14)**

From:
M/s. DAHEJ SEZ LIMITED
GIDC DAHEJ, VILL. DAHEJ
TA- VAGRA, DIST. : BHARUCH

To,
The Regional Officer,
Gujarat Pollution Control Board,
Palanpur.

Environmental Statement for the financial year ending on the 31st March, 2019.

PART – A

- (i) Name & Address of the owner/occupier of the Industry operation or process : Dahej Sez Limited
Dahej Sez (Part-1)
Dahej,
Ta- Vagra, Dist. : Bharuch
Phon. No. 9825740882
Email Id: am@dahejsez.com
- (ii) Industry category Primary - (STC Code) : **large Scale Industry**
Secondary - (STC Code)
- (iii) Production Capacity – Units : Infrastructure Development
- (iv) Year of establishment : **2004**
- (v) Date of the last environmental statement : **DSL/Enviroment/Agency/2019**
/1223/2179 Dated29/05.2019

Annexure 10: Photographs of Dahej SEZ Limited

Photographs of green belt development at Dahej SEZ Limited





Sewage Treatment Plant



DG Set Area

