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
Chief Executive Officer

Encl.: A/a

677

भारतीय डाक
India Post

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RP GANDHINAGAR GUJARAT HO <382010>
Counter No:3,01/07/2020,11:23
To:THE DIRECTOR,ENVIRONMENT AND
PIN:462016, R.S.Nagar S.O
From:DAHEJ SEZ LTD,SE 11
Wt:402gms
Amt:39.00(Cash)
<Track on www.indiapost.gov.in>
<Dial 18002666868> <Wear Masks, Stay Safe>

Dahej SEZ Limited
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website : www.dahejsez.com
CIN : U45209GJ2004PLC044779
GSTIN : 24AACCD8098E3ZJ

Ref.: DSL/Agency/Environment Compliance/945/675

Date: 24/06/2020

To,
The Zonal officer (S)
Central Pollution Control Board (Zonal Office),
"Parivesh Bhavan ", Opp. VMC Ward office No.10,
Subhanpura, Vadodra - 390 023

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)

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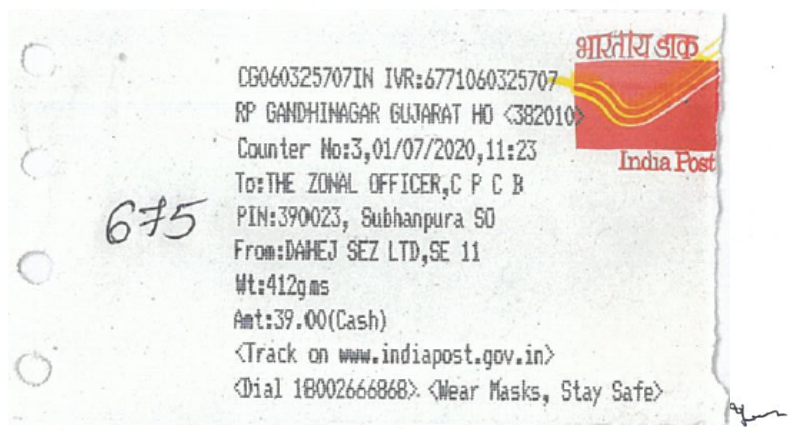
Yours sincerely,
Patil
S. N. Patil
Chief Executive Officer

Encl.: A/a



Dahej SEZ Limited
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website : www.dahejsez.com
CIN : U45209GJ2004PLC044779
GSTIN : 24AACCD8098E3ZJ

Ref.: DSL/Agency/Environment Compliance/945 6774

Date: 24/06/2020

To,
The Regional officer
Gujarat Pollution Control Board,
Shed No. C - 1/119/3, Phase II,
GIDC Estate, Narmadanagar,
Bharuch - 392 015, Gujarat

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)

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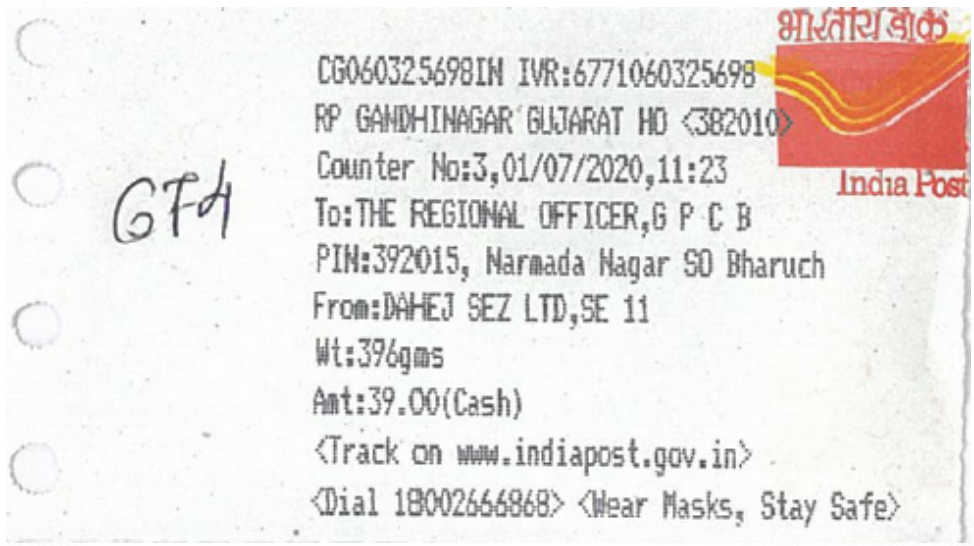
Half Yearly reports (**Period - October-2019 to March-2020**) for EC compliance report along with environmental monitoring reports and other required details Environmental Clearance and CRZ Clearance for Granted for our Development of Dahej SEZ Ltd., at Dahej, Tal. Vagra, Bharuch District (Gujarat) is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

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

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

Encl.: A/a



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

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.

(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.

(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.

(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.

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.

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.

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

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

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

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

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

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

(Bharat Bhushan)
Director (IA)

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 REPORT OF ENVIRONMENTAL CLEARANCE

For

Conditions of Clearance under the EIA notification, 2006 for Development of SEZ for industrial Plots.

(E.C. Letter No. F.No.21-1084/2007-IA.III Dated17-03-2010)
(Period: to October' 2019 to March'2020)

Of

M/s. Dahej SEZ Ltd.
(Joint Venture of GIDC & ONGC)

Located At:
Village-Dahej, Taluka - Vagra District-Bharuch,

Registered Office:
Dahej SEZ Ltd.
Block no. 14th, 3rd Floor, Udyog Bhavan,
Gandhinagar-382017, Gujarat

M/s. DAHEJ SEZ LTD.
EC Compliance report: Period (October' 2019 to March' 2020)

SR. NO.	PART-A SPECIFIC CONDITION	COMPLIANCE STATUS
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.	Dahej SEZ Ltd. has obtained the Consent to established (GPCB/BRCH/NOC/3633/27240, Dated: 22/09/2008) and same is enclosed as **Annexure – I.** And Also Clearance of CC&A(Consolidated consent & Authorization) of Dahej SEZ .(GPCB/BRCH-B-CCA-125-25308/304986 Dated: 23/02/2015)
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.	DSL has kept the area open falling under CRZ and no activity shall be carried out. Also separate CRZ clearance was obtained vide letter no. 11-50/2011-IA.III dated 19/09/2014 and the copy of the same is enclosed **Annexure** - **III**.
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.	DSL is complying with the commitments made during the said 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.	DSL has excluded the portion of 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.	The fresh demarcation of HTL / LTL lines and CRZ area was carried by Institute of Remote Sensing, Anna University, Chennai.

M/s. DAHEJ SEZ LTD.
EC Compliance report: Period (October' 2019 to March' 2020)

SR. NO.	PART-A SPECIFIC CONDITION	COMPLIANCE STATUS
VI.	Separate CRZ Clearance shall be obtained by M/s. Dahej SEZ Ltd. For the area falling under CRZ.	M/s. Dahej SEZ Ltd. has 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-III.**
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.	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. And the list of allottees whose plots are affected partly under CRZ Notification and obtained CRZ clearance is enclosed as **Annexure-III & IV.**
VIII.	Necessary permission / NOC shall be obtained from competent authority for the disposal of treated effluent into deep sea.	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-I.**
IX.	Treated waste water shall be used for flushing of toilets, horticulture and HVAC purposes, in that order.	DSL treats the sewage in sewage treatment plant as per GPCB standards and will use 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.	Local construction labours are hired from the nearby villages; hence housing is not required. But for them safe drinking water, mobile toilets, emergency first-aid faculty, etc. are provided for them.
XI.	A first Aid Room will be provided in the project both during construction and operation of the project.	First Aid Room was provided during the construction of the project & operation phase. Two medical centres are in vicinity of Dahej SEZ area i.e. Dahej Health & Welfare Society Hospital and Birla Copper Plant @ Dahej.
XII.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Topsoil excavated during construction activities is used in horticulture / landscape development within the project site only.
XIII.	Disposal of muck during construction phase should not create any adverse effect on the	DSL has taken note of the same and complied with this condition.

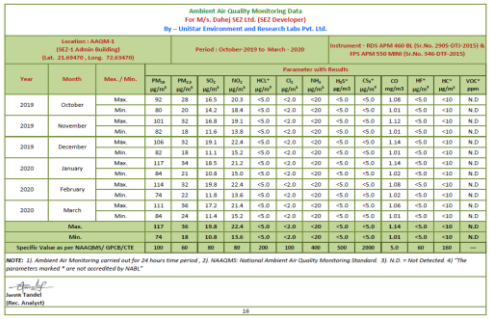
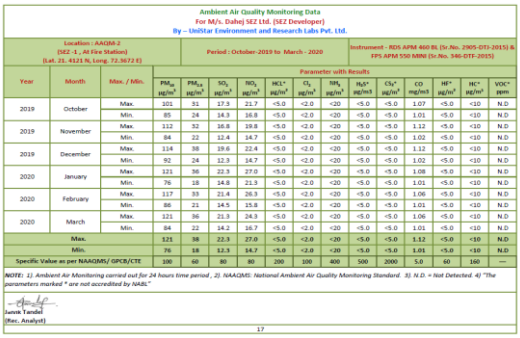
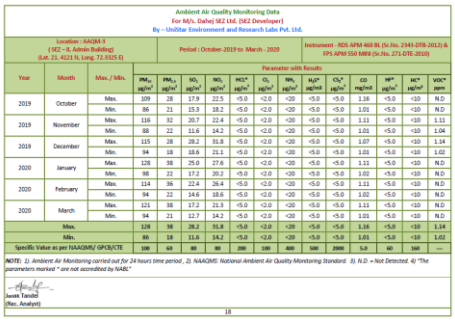
SR. NO.	PART-A SPECIFIC CONDITION	COMPLIANCE STATUS
	neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	
XIV.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Ground water samples are collected and analysis to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants. The test reports of Ground water quality are enclosed as **Annexure-V.**
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.	DSL has used the construction spoils or waste for levelling the site. 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.	There is no any hazardous waste generated 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.	DSL has used 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.	DSL procure diesel as and when required and hence this conditions 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.	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	An ambient noise level conforms to residential standards both during day and night. Ambient air

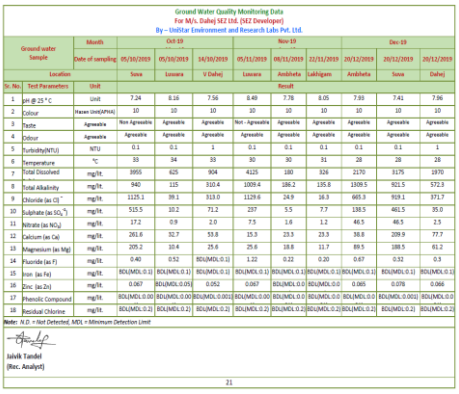
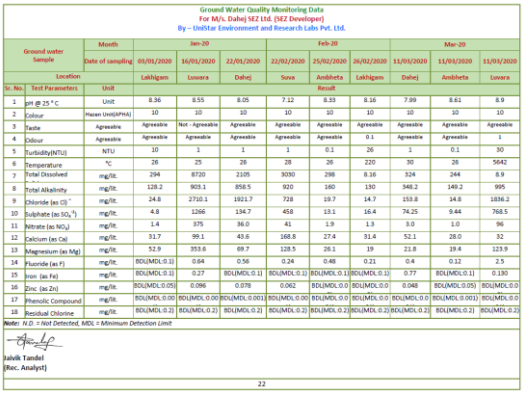
SR. NO.	PART-A SPECIFIC CONDITION	COMPLIANCE STATUS
	night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / Gujarat PCB.	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.
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).	As no thermal power station is located within the 100 km from Dahej SEZ Ltd. Hence, this condition is not applicable.
XXII.	Ready mixed concrete must be used in building construction.	DSL is using only the ready mix concrete for its building construction.
XXIII.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	DSL has taken note of this 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.	As DSL is using only the ready mix concrete and curing agents and other latest technologies for its 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.	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.	DSL used dual plumbing line for separation of gray water and black water in administration buildings in 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.	DSL 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.
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	DSL has taken note of this condition and asked member units to reduce electricity by implementation of high quality double glass with

SR. NO.	PART-A SPECIFIC CONDITION	COMPLIANCE STATUS
	quality double glass with special reflective coating in windows.	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.	The design of the building will be done as per energy conservation building code by using appropriate thermal insulation material to fulfil 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.	DSL will construct Opaque wall as per the energy conserving building construction code to conservation of energy also Use of light colors to reduce the UV absorption and minimize the associated cooling requirement will be used for the walls and ceiling. Thermal insulation will be provided on roofs to conserve energy.
XXXI.	The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of firefighting equipment, etc. as per National building code including protection measures from lightening etc.	The approval of the competent authority are obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipment, etc. as per National building code including protection measures from lightening etc.
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.	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	DSL has installed STP as per requirement and reuses / recycled sewage water for plantation.

SR. NO.	PART-A SPECIFIC CONDITION	COMPLIANCE STATUS
	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.	
II.	Necessary permission / NOC shall be obtained from competent authority for the disposal of treated effluent into deep sea.	DSL was 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-I.**
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.	The member units coming in the SEZ area have to obtained membership of nearby Authorized TSDF site for disposal of their hazardous wastes.
IV.	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Gujarat Pollution Control Board.	DSL will use D.G. Sets as a source of backup power during operation phase. The height of stack of DG sets is calculated and established to the height needed for the combined capacity of all proposed DG sets. DSL has used only low sulphur diesel type to run diesel generator sets during Operation phase to follow the Environment (Protection) rules prescribed for air and noise emission standards.

M/s. DAHEJ SEZ LTD.
EC Compliance report: Period (October' 2019 to March' 2020)

SR. NO.	PART-A SPECIFIC CONDITION	COMPLIANCE STATUS
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.	It is ensured that ambient Noise level will not exceed the prescribed standards and during night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations. Half yearly comprehensive Ambient noise quality monitoring reports (October' 2019 to March' 2020) are enclosed as **Annexure-V.** The Ambient noise monitoring results are provide as a fig.no.1, 2 and 3.
	Fig.No.1: Ambient Noise Monitoring Results 	**Fig.No.2: Ambient Noise Monitoring Results** 
	Fig.No.3: Ambient Noise Monitoring Results 	
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.	Green belt (Approx 65000 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.
VII.	Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the	DSL has left Weep holes in the compound walls so that, rain water naturally drains out to the catchment area during the monsoon Period.

SR. NO.	PART-A SPECIFIC CONDITION	COMPLIANCE STATUS
	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.	DSL has implemented rain water harvesting for roof run-off and surface run-off. The surface runoff will be pre-treatment to remove suspended matter oil and grease before recharge and the bore well for rainwater recharge is kept at about 5mts. above the highest ground water table.
IX.	The ground water level and its quantity should be monitored regularly in consultation with Central ground Water Authority.	DSL monitoring Ground water quality regularly and Ground water quality reports are enclosed as **Annexure-V.** The ground water monitoring results are provided as a fig.no.4 and 5.
	Fig.No.4: Ground water Analysis Results 	**Fig.No.5: Ground water Analysis Results** 
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.	DSL has made arrangements to avoid Traffic congestion near the entry and exit points from the roads adjoining the proposed project site.
XI.	A Report on the energy conservation measures confirming to energy conservation norms finalize by Bureau of Energy Efficiency should be prepared incorporating details about building materials and technology, R & U Factors etc and submit to the Ministry in three months time.	DSL has taken note of this condition and shall comply with this condition.

M/s. DAHEJ SEZ LTD.
EC Compliance report: Period (October' 2019 to March' 2020)

SR. NO.	PART-A SPECIFIC CONDITION	COMPLIANCE STATUS
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.	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.
XIII.	Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP.	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.	DSL is following prevailing GDCR 2007 for SEZ and adequate distance is maintained to comply the condition.

SR. NO.	PART- B GENERAL CONDITIONS	COMPLAINCE STATUS
I.	The environmental safeguards contained in the EIA report should be Implemented in letter and spirit.	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.	DSL is regularly submitting half yearly EC compliance report for the period of April to September and October to March, to the Ministry's Regional office at Bhopal, the respective Zonal office of CPCB at Vadodara and GPCB R.O. at Bharuch well within the stipulated time. The Six Monthly EC compliance submission dates for the last year are as under: 1. Period April - 2018 to September - 2018, Date: 04.12.2018. 2. Period October - 2018 to March - 2019, Date: 29.05.2019. 3. Period April - 2019 to September - 2019, Date: 19.11.2019. The last six monthly EC compliance report submission Ack copy Provided as fig.no.6, 7, 8, 9

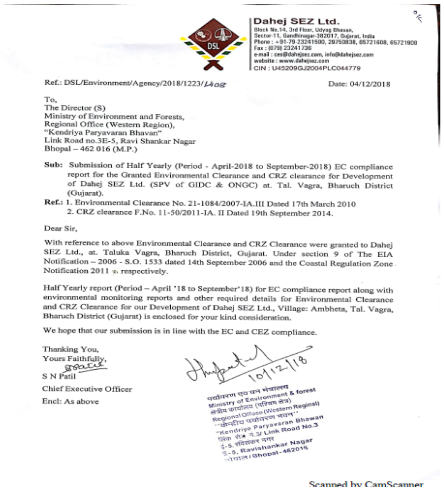
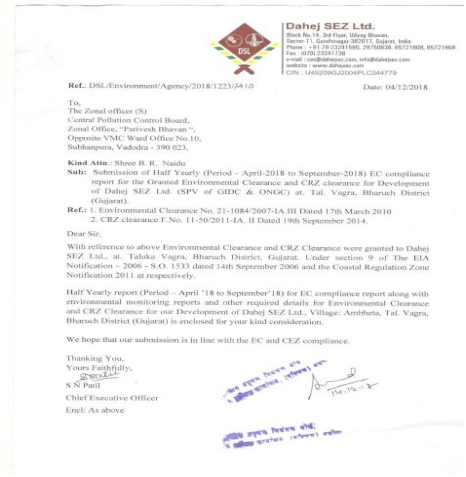
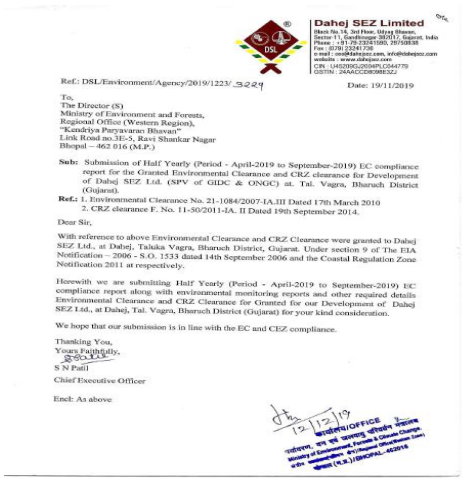
		and 10.
	Fig.No.6:EC Compliance Submission Acknowledge copy  Dahej SEZ Ltd. Ref.: DSL/Environment/Agency/2018/1223/1408 Date: 04/12/2018 To, The Director (S) Ministry of Environment and Forests, Regional Office (Western Region), "Kendriya Paryavaran Bhavan" Link Road no.3E-5, Ravi Shankar Nagar Bhopal – 462 016 (M.P.) Sub: Submission of Half Yearly (Period - April-2018 to September-2018) 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 – April '18 to September'18) 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 Chief Executive Officer Encl: As above Scanned by CamScanner	**Fig.No.7:EC Compliance Submission Acknowledge copy**  Dahej SEZ Ltd. Ref.: DSL/Environment/Agency/2018/1223/1407 Date: 04/12/2018 To, The Regional officer Gujarat Pollution Control Board, Shed No. C - 1/119/3, Phase II, GIDC Estate, Narmadanagar, Bharuch - 392 015 Sub: Submission of Half Yearly (Period - April-2018 to September-2018) 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 – April '18 to September'18) 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 Chief Executive Officer Encl: As above Post Received Gujarat Pollution Control Board BHARUCH.
	Fig.No.8:EC Compliance Submission Acknowledge copy  Dahej SEZ Ltd. Ref.: DSL/Environment/Agency/2018/1223/1410 Date: 04/12/2018 To, The Zonal officer (S) Central Pollution Control Board, Zonal Office, "Parivesh Bhavan ", Opposite VMC Ward Office No.10, Subhanpura, Vadodra - 390 023. Kind Attn.: Shree B. R. Naidu Sub: Submission of Half Yearly (Period - April-2018 to September-2018) 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 – April '18 to September'18) 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 Chief Executive Officer Encl: As above	**Fig.No.9:EC Compliance Submission Acknowledge copy**  Dahej SEZ Limited Ref.: DSL/Environment/Agency/2019/1223/1499 Date: 29/05/2019 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 – 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 Chief Executive Officer Encl: As above Received on 31/05/2019

	Fig.No.10:EC Compliance Submission Acknowledge copy 	

Dahej SEZ Limited

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

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

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

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

Dear Sir,

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

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

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

Thanking You,
Yours Faithfully,
S N Patil
Chief Executive Officer

Encl: As above

RECEIVED IN OFFICE

For **DSL SEZ Ltd.**

S. N. Patil
(Chief Executive Officer)

- **List of Annexure**

Sr. No.	Annexure
I.	Copy of Consent to established of proposed project
II.	Copy of CRZ area map
III.	Copy of CRZ clearance for the area falling under CRZ with its compliance.
IV.	List of Allottees with CRZ clearance
V.	Copy of Comprehensive Monitoring report of (October'19 to March'2020)
VI.	Copy of Environmental Clearance for dispose the treated effluent into deep sea from MoEF&CC.
VII.	Copy of Consent to Operate of proposed project with its compliance

Annexure-I

- Copy Of Consent To Established of Project

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/ ২৭২৬০ 22 SEP 2008

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

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

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

Sir,

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

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

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

2018

SUBJECT TO THE FOLLOWING SPECIFIC CONDITIONS: -

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

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.

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)

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

CONDITIONS UNDER WATER ACT 1974:

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

PARAMETERS	NORMS
pH	6.5 to 8.5

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

CONDITIONS UNDER AIR ACT 1981:

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

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

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

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

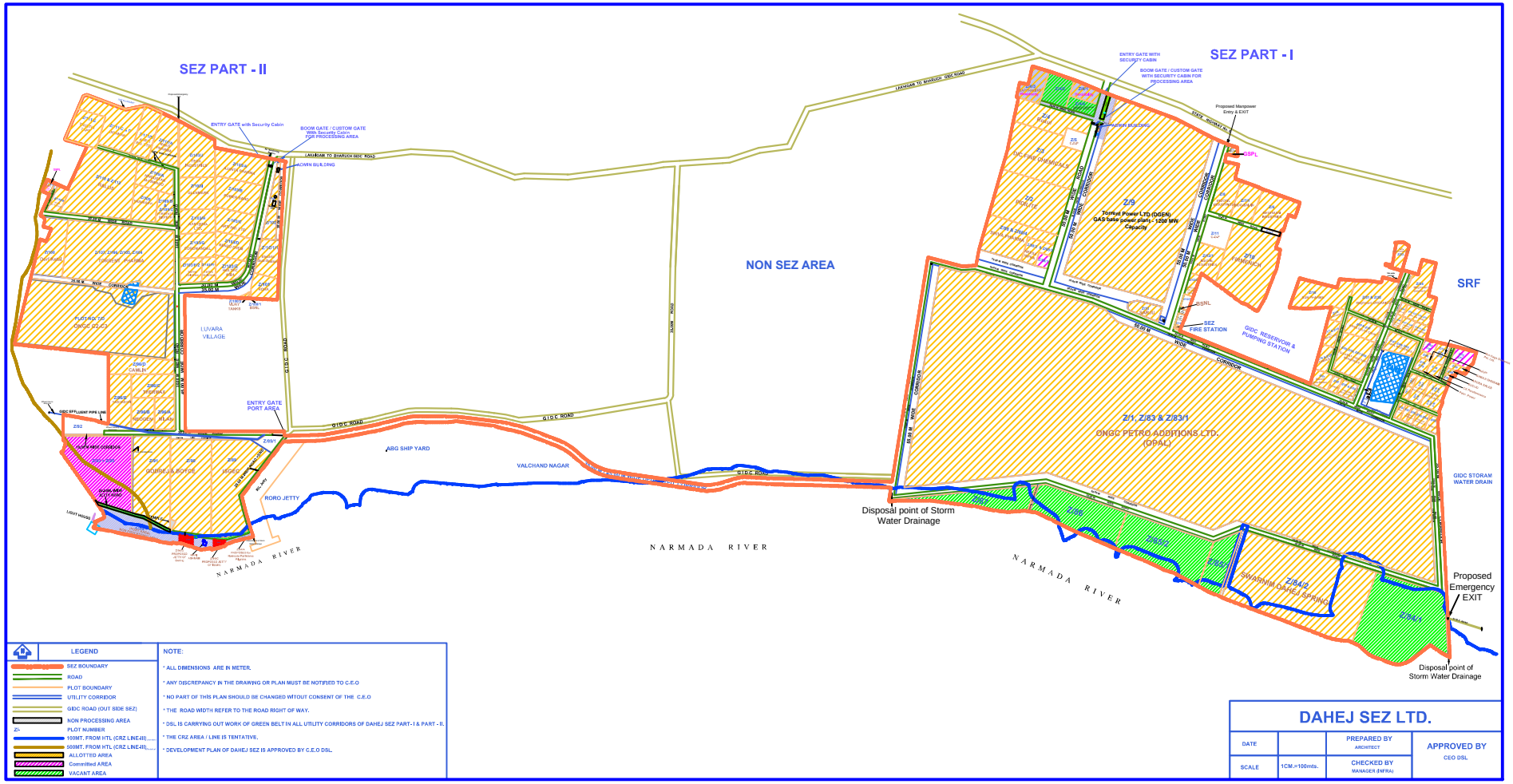
For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

(A.A. Doiti)
ENVIRONMENTAL ENGINEER

Annexure-II

- DSL CRZ MAP

DAHEJ SEZ DEVELOPMENT PLAN



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Annexure-III

- Copy of CRZ clearance for the area falling under CRZ with its compliance.
- CRZ compliance report.

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

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

Dated: 19th September, 2014

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

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

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

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

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

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

Inward No 1756
Date 29/9/14

AM/S&M
aisarsal. Adv. to be published. Sept 2014
pl - spk

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

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

A. Specific Conditions:

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

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

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

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

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

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

B. General Conditions:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(Lalit Kapur)
Director (IA-III)

Copy to:

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

(Lalit Kapur)
Director (IA-III)

Annexure-IV

- List of Allottees.

DAHEJ SEZ LIMITED				
Part –I Processing Area				
Sr. No.	**Name & Address**	**Plot No.**	**Area (in hects)**	**Area (in Sq.mt)**
1	**2**	**3**	**4**	**5**
1	ONGC Petro additions Ltd. (OPaL)	Z/1 Z/83	503	5,030,046.74
1-A		Z/83/1	5.4	54,001.27
2	Pidilite Industries Ltd.	Z/2	20.15	201,503.90
3	DIC Fine Chemicals Pvt. Ltd.	Z/3	20.13	201,268.89
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	219,145.32
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 Energy Ltd.	Z/9	110.72	1,107,157.94
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	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	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	0.5	5,000.00
24	Bharat Sanchar Nigam Limited	Part of Plot from Z/14/1	0.03	300.00
25	Shiva Pharma Chem Limited	Z/88 Z/88/4	11.04	110,491.26
26	Thema Nutriment & Packaging Pvt. Ltd. Plot transferred from Neobags Overseas Pvt. Limited	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	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
33	Kumar Organic Products Ltd. Land is taken over from Avalon Agro Products Pvt. 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	20,060.45
35	Unique Techno Associates Pvt. Ltd.	Z/41 Z/42	1	10,000.00
36	Babaji Shivram Clearing & Carriers Pvt. Ltd.	Z/70	0.7	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	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	0.5	5,034.13
42	Ana Industries Pvt. Ltd.	Z/88/1	1.02	10,241.31
43	Axiom Chemicals Pvt. Ltd.	Z/80	0.5	5001.82
44	Mahadi Organics Pvt. Ltd.	Z51 & Z/52	1.25	12536.64
45	Soft Rainbow Pvt. Ltd.	Z/71 & Z/72	2.2	22081.41
46	CS Specialty Chemicals Ltd.	Z/81 & Z/82	0.98	9886.12
47	Vidhi Specialty Food Ingredients Ltd	Z/61 & Z/62	1	10060.4
48	Insecticides (India) Ltd.	Z/50	0.63	6301.92
	Sub-Total (A)		**806.82**	**8069060.21**
Part-II Processing Area				

1	Oil and Natural Gas Corporation Ltd. C2-C3 Plant – Dahej	7-D	59.8	598010.78
2	Godrej & Boyce Mfg. Co. Ltd.	Z/90 & Z/91	22.48	224845.01
2-A			18.71	187179.59
3	ISGEC Heavy Engineering Ltd.	Z/89	22.51	225138.00
4	Rallis India Ltd.	Z/110	8.31	83110.70
4A		Z/112	15.54	155419.17
5	Torrent Energy Ltd.	Z/101/1	4.71	47187.76
6	Torrent Pharmaceuticals Ltd.	Z/104, Z/105, Z/106	27.57	275726.66
		Z/107	9.84	98445.60
7	Fermenta Biotech Ltd.	Z/109/B Z/109/C	3.06	30689.39
8	Gujarat State Petronet Limited	Z/112/A	0.6	6095.43
9	Coromandal International Ltd.	Z/103/G	5.16	51659.39
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	54368.65
12	Glenmark Pharmaceuticals Limited	Z/103/I	6.71	67165.21
13	Tega Industries Ltd.	Z/103/J	9.87	98703.09
14	Tatva Chintan Pharma Chem Pvt. Ltd.	Z/103/F/I	2	20098.45
		Z/103/F/2	3.17	31724.19
15	Benzo Chem Industries Pvt. Ltd.	Z/103/D	4.76	47613.19
16	Aarti Industries Ltd.	Z/103/H	5.01	50148.40
17	Ajanta Pharma Limited	Z/103/A	8.5	85034.32

18	RAKS Pharma Pvt. Ltd.	Z/111/A	6.72	67221.45
19	Holtec Asia Pvt. Ltd.	Z/103/E	3.67	36758.12
20	Milan Laboratories (I) Pvt. Ltd.	Z/96/A	3.76	37663.14
21	Dorf Ketal (I) Pvt. Ltd.	Z/108	8.65	86565.06
22	Thermax Ltd.	Z/96/C	6	60074.48
23	Neogen Chemicals Ltd.	Z/109	4.98	49829.04
24	Yashashvi Rasayan Pvt. Ltd.	Z/96/E	7.11	71101.90
25	Camlin fine Sciences Ltd	Z/96/D	6.75	67816.77
26	HLE Engineers Pvt. Ltd.	Z/96/B	4.35	43502.42
27	Powerband Ind. Pvt. Ltd.	Z/103/B	8.2	82120.33
28	Trustin Tape Pvt. Ltd.	Z/111/E	5.98	59827.85
29	Hema Dyechem Pvt. Ltd.	Z/112/B	1.98	19836.99
30	Dishman Carbogen Amcis Ltd	Z/111/C & Z/111/D	11.5	115022.45
31	Aarti Industries. Ltd.	Z/103/C	5.47	54754.33
32	Roha Dyechem Pvt Ltd.	Z/101	3.57	35705.25
33	Aarti Industries. Ltd.	Z/111/B	5.34	53495.24
34	Raftar Terminals Pvt. Ltd.	Z/93 & Z/95	23.31	233140.15
	Sub Total (B)		**361.15**	**3613518.77**
Part-III – Non-Processing Area				
1	Sapthagiri Hospitality Pvt. Ltd.	Z/4/3	4.1	41090.00
2	Shrikunj Hospitality Pvt. Ltd. (Taken Over from Cambay SEZ Hotels Pvt. Ltd.)	Z/4/1	2.63	26302.61
3	ISGEC Heavy Engineering Ltd.	Z/94/C	0.61	6139.62
4	Godrej & Boyce Mfg. Co. Ltd.	Z/94/D	0.83	8310.92
	Sub Total (C)		**8.17**	**81843.15**
86	**Grand Total (A + B + C)**		**1176.14**	**11764422.13**

Annexure-V

- Copy Of Comprehensive Monitoring Report Of **(October.'2019 To March.'2020)**

ENVIRONMENTAL MONITORING REPORT

Period: October-2019 to March-2020

FOR

Dahej SEZ Ltd.

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

At

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

Monitoring Organization

UniStar Environment and Research Labs Pvt. Ltd.

White House,
Near G.I.D.C. Office, Char Rasta,
Vapi-396 195, Gujarat, India.
Phone : +91 260 2433966 / 2425610
Email : response@uerl.in Website : www.uerl.in

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INDEX

1.0 METEOROLOGICAL MONITORING REPORT

Period: October-2019 to March-2020

FOR

Dahej SEZ Ltd.

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

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

Monitoring Organization

UniStar
Environment and Research Labs Pvt. Ltd.

White House,
Near G.I.D.C. Office, Char Rasta,
Vapi-396 195, Gujarat, India.
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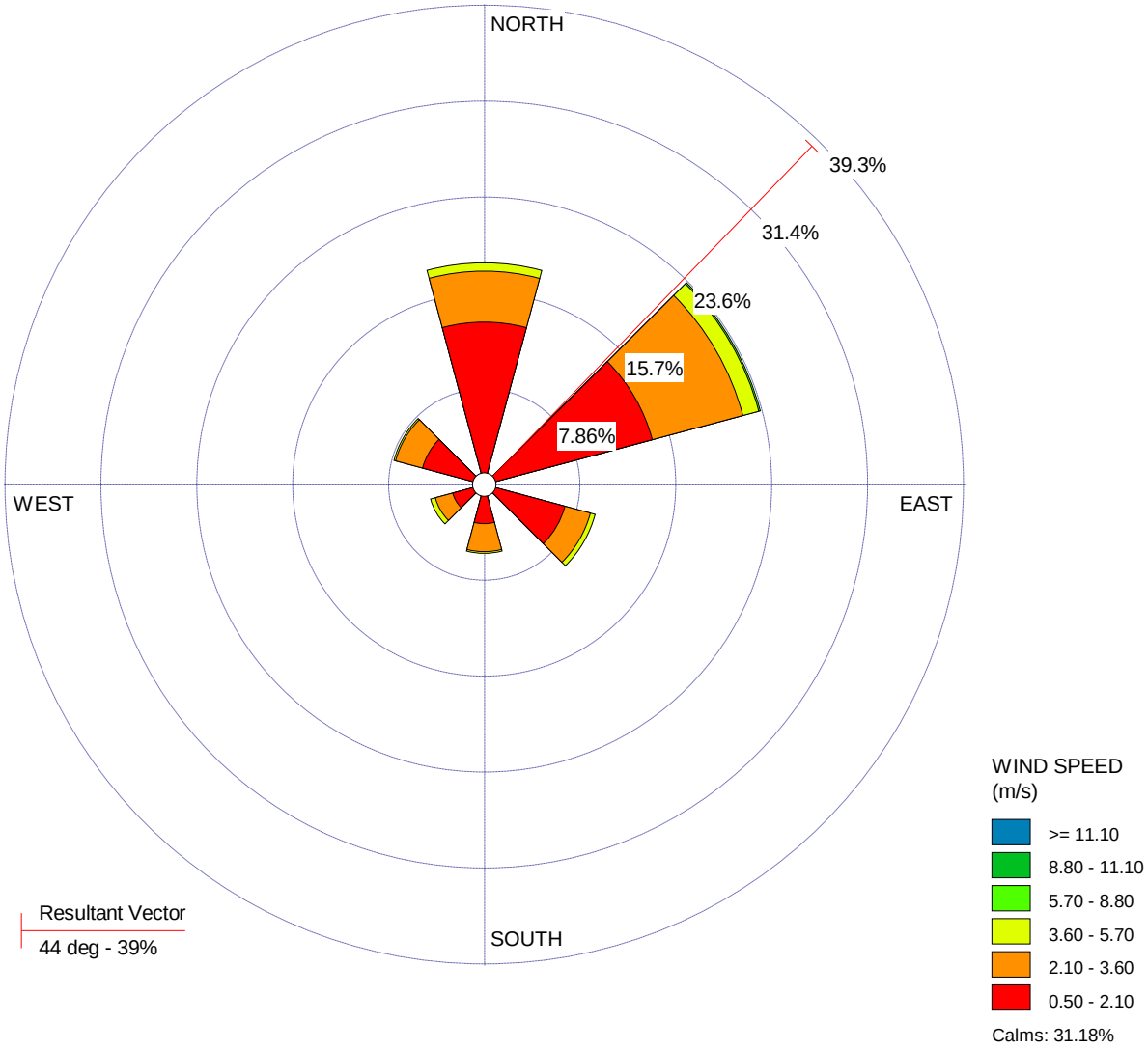
MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986(12.01.2015 to 11.01.2020) | QCI-NABET Accredited EIA Consultant Organization | GPCB Recognized Environmental Auditor (Schedule-II) | OHSAS18001:2007 Certified Company | ISO 9001:2015 Certified Company

WIND ROSE PLOT:

WIND ROSE

DISPLAY:

Wind Speed
Direction (blowing from)



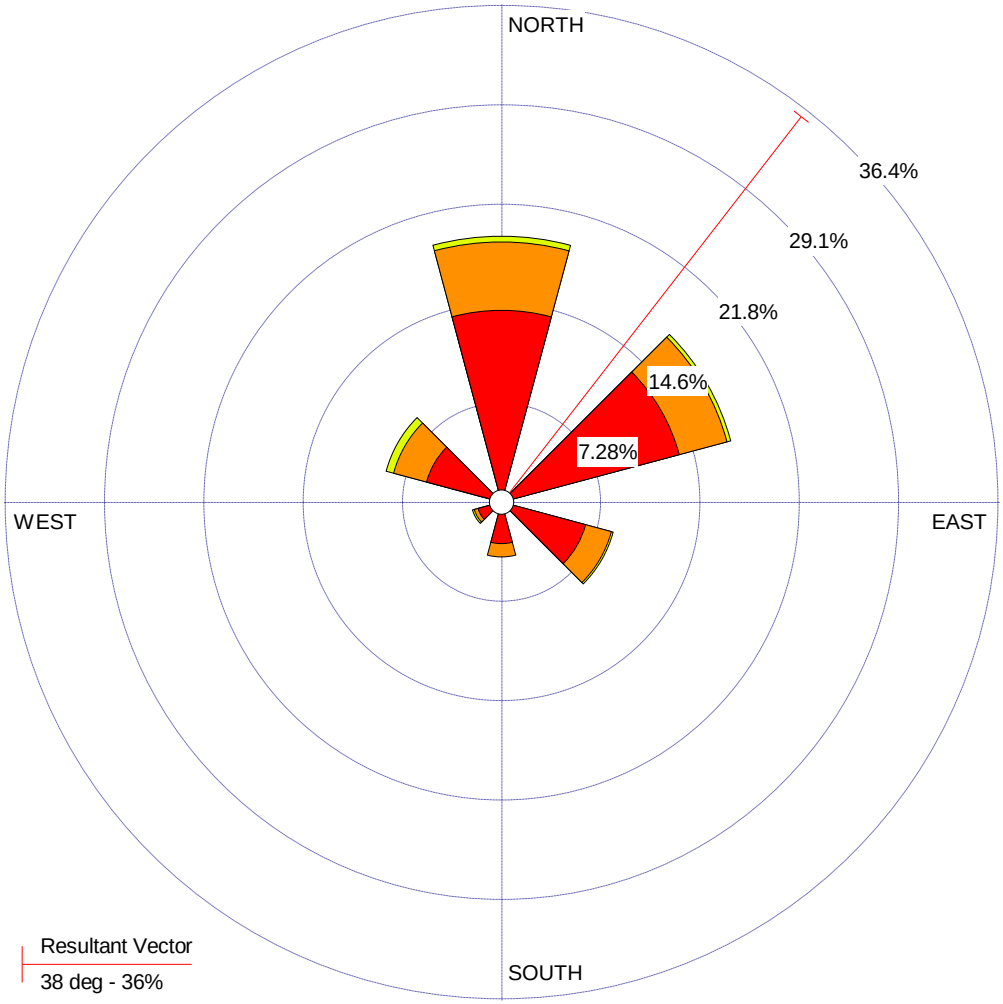
COMMENTS:	DATA PERIOD: **Start Date: 01/10/2019 - 00:00** **End Date: 31/10/2019 - 23:00**	COMPANY NAME: **M/s. Dahej Sez Limited**	
		MODELER: **UNISTAR ENVIRONMENT AND RESEARCH LABS**	
	CALM WINDS: **31.18%**	TOTAL COUNT: **744 hrs.**	
	AVG. WIND SPEED: **1.25 m/s**	DATE: **05/11/2019**	PROJECT NO.: **October 2019**

WIND ROSE PLOT:

WIND ROSE

DISPLAY:

Wind Speed
Direction (blowing from)



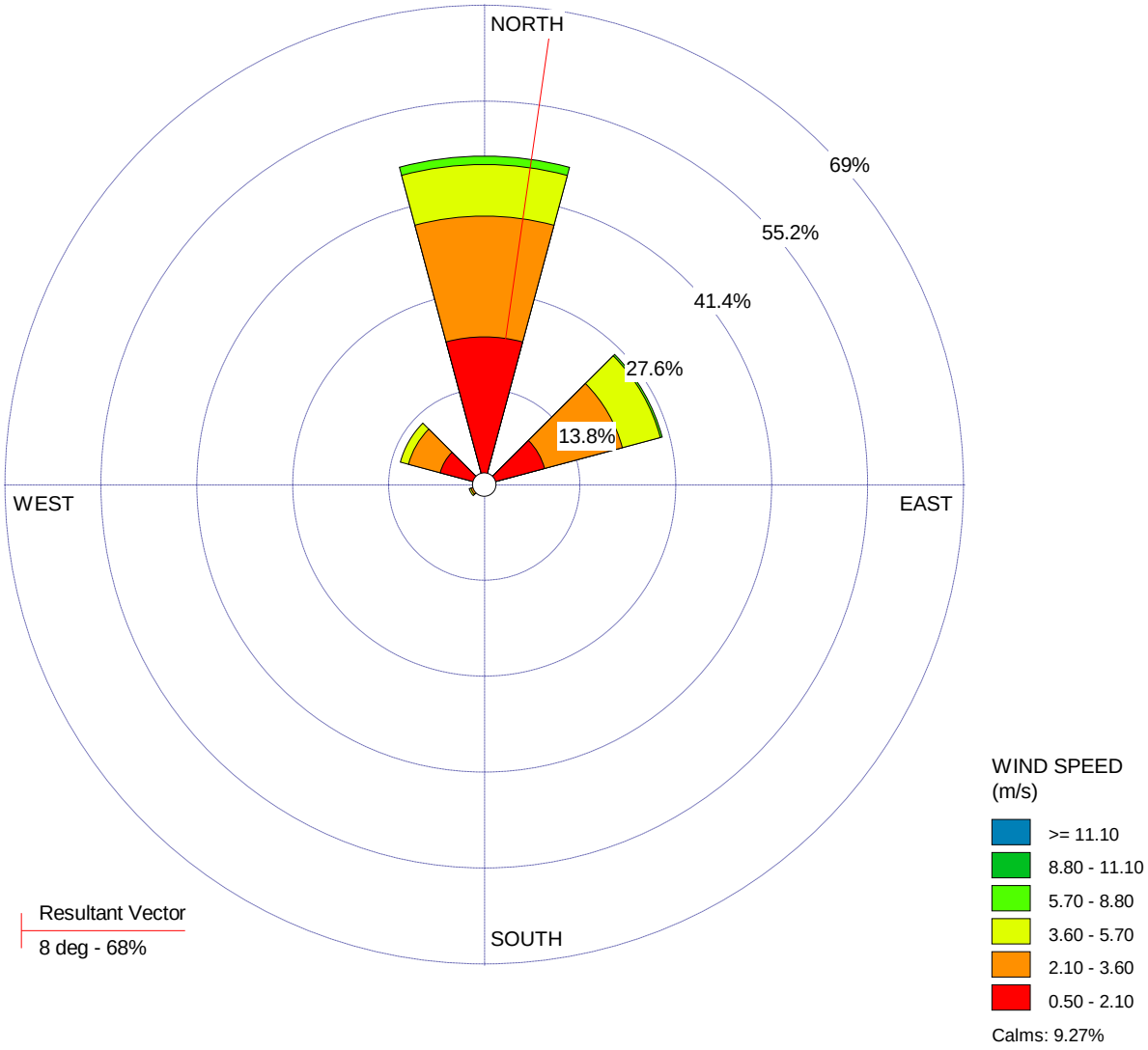
COMMENTS:	DATA PERIOD: **Start Date: 01/11/2019 - 00:00** **End Date: 30/11/2019 - 23:00**	COMPANY NAME: **M/s. Dahej Sez Limited**	
		MODELER: **UNISTAR ENVIRONMENT AND RESEARCH LABS**	
	CALM WINDS: **39.72%**	TOTAL COUNT: **720 hrs.**	
	AVG. WIND SPEED: **0.97 m/s**	DATE: **04/12/2019**	PROJECT NO.: **November 2019**

WIND ROSE PLOT:

WIND ROSE

DISPLAY:

Wind Speed
Direction (blowing from)



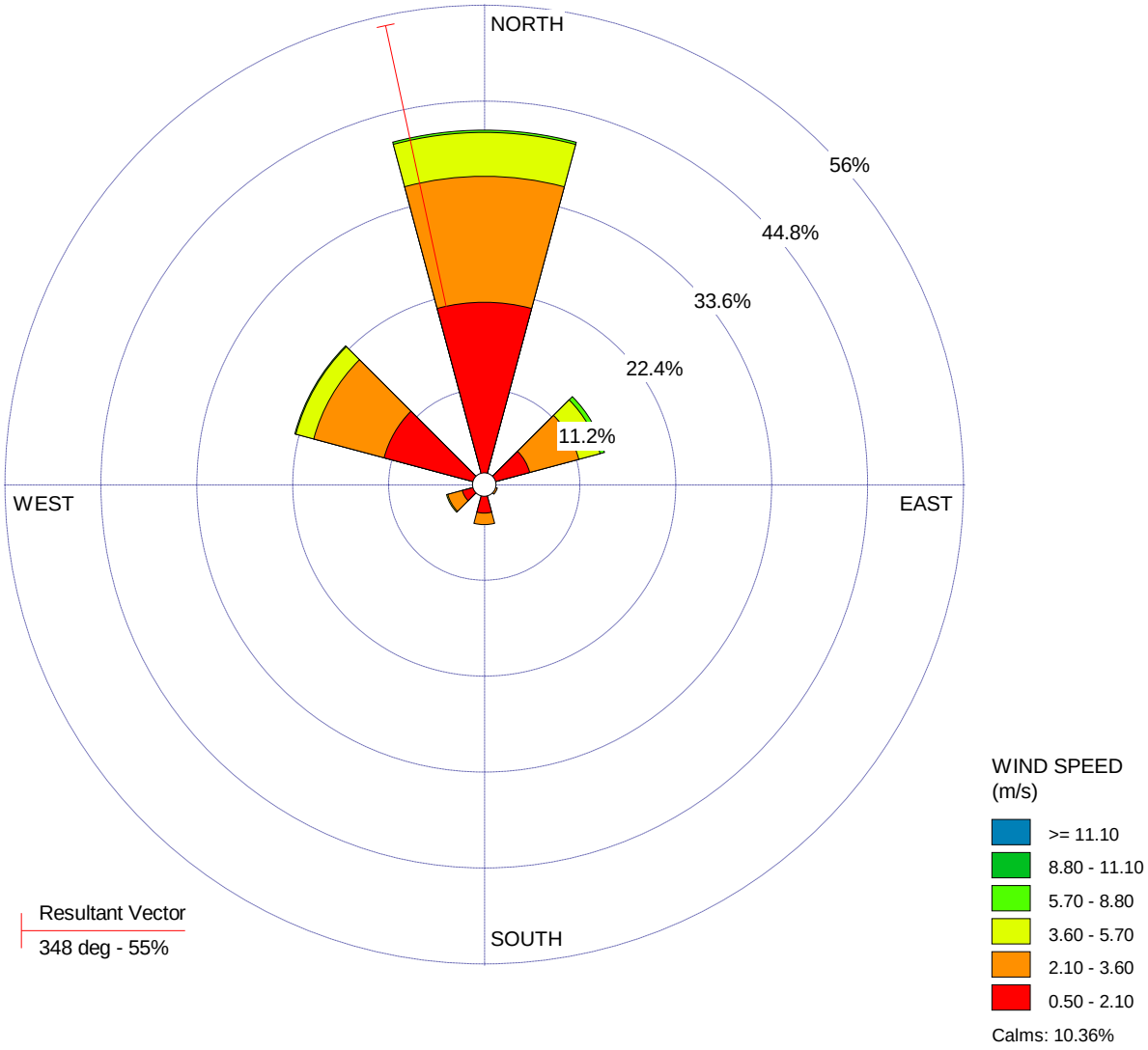
COMMENTS:	DATA PERIOD: **Start Date: 01/12/2019 - 00:00** **End Date: 31/12/2019 - 23:00**	COMPANY NAME: **M/s. Dahej Sez Limited**	
		MODELER: **UNISTAR ENVIRONMENT AND RESEARCH LABS**	
	CALM WINDS: **9.27%**	TOTAL COUNT: **744 hrs.**	
	AVG. WIND SPEED: **2.24 m/s**	DATE: **08/01/2020**	PROJECT NO.: **December 2019**

WIND ROSE PLOT:

WIND ROSE

DISPLAY:

Wind Speed
Direction (blowing from)



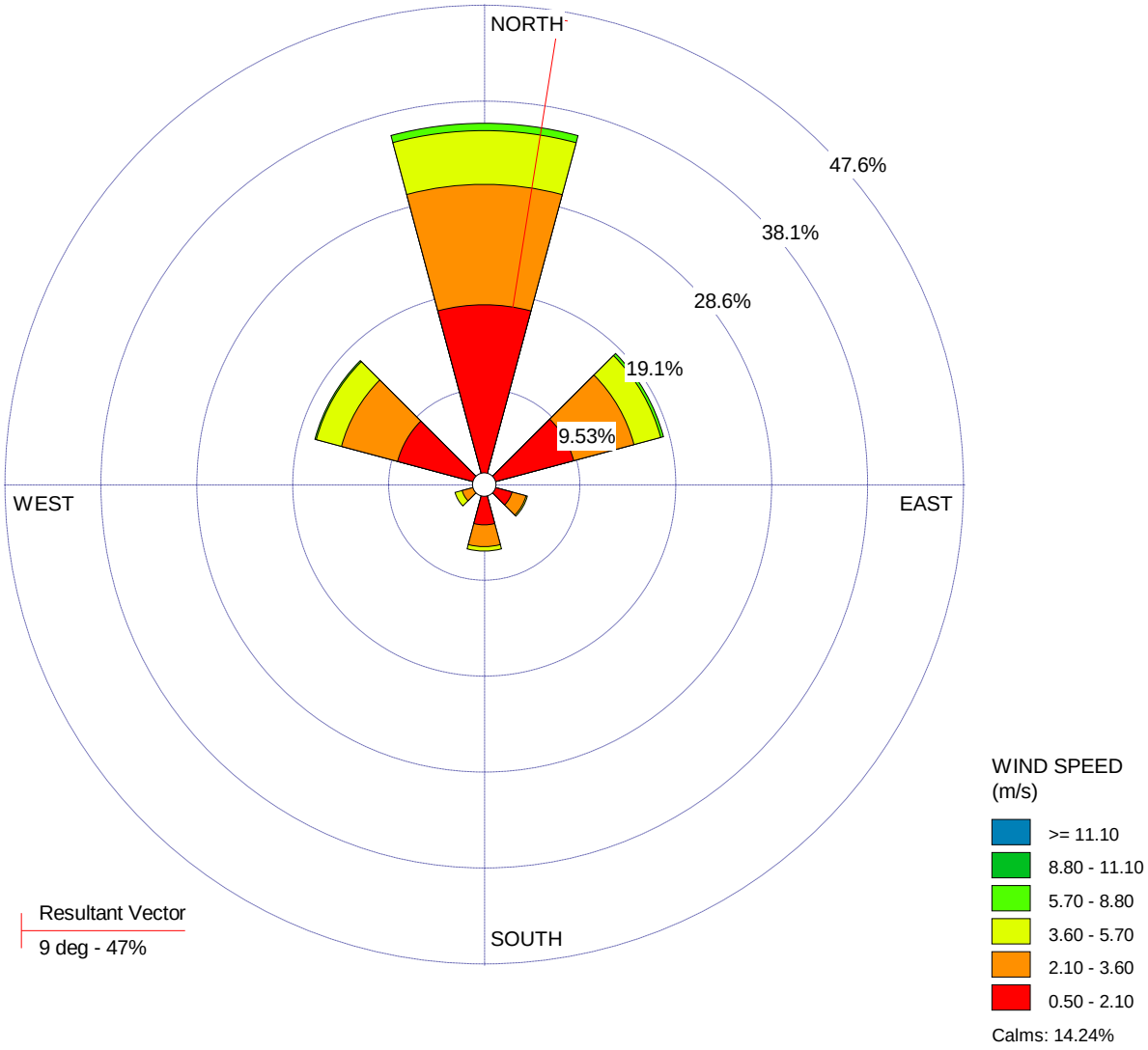
COMMENTS:	DATA PERIOD: **Start Date: 01/01/2020 - 00:00** **End Date: 31/01/2020 - 23:00**	COMPANY NAME: **M/s. Dahej Sez Limited**	
		MODELER: **UNISTAR ENVIRONMENT AND RESEARCH LABS**	
	CALM WINDS: **10.36%**	TOTAL COUNT: **743 hrs.**	
	AVG. WIND SPEED: **2.01 m/s**	DATE: **04/02/2020**	PROJECT NO.: **Jan 2020**

WIND ROSE PLOT:

WIND ROSE

DISPLAY:

Wind Speed
Direction (blowing from)



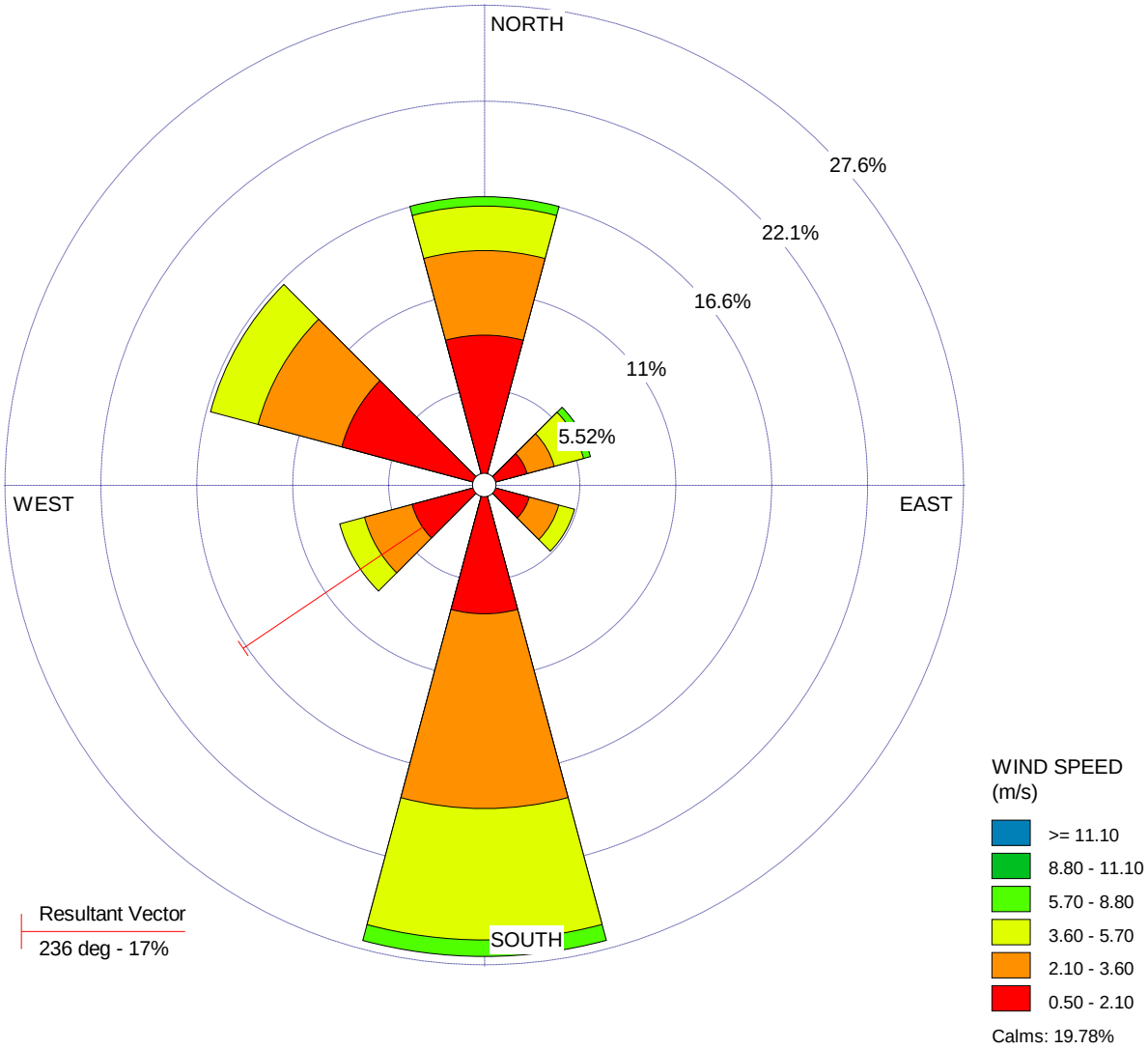
COMMENTS:	DATA PERIOD: **Start Date: 01/02/2020 - 00:00** **End Date: 29/02/2020 - 23:00**	COMPANY NAME: **M/s. Dahej Sez Limited**	
		MODELER: **UNISTAR ENVIRONMENT AND RESEARCH LABS**	
	CALM WINDS: **14.24%**	TOTAL COUNT: **695 hrs.**	
	AVG. WIND SPEED: **1.98 m/s**	DATE: **03/03/2020**	PROJECT NO.: **Feb 2020**

WIND ROSE PLOT:

WIND ROSE

DISPLAY:

Wind Speed
Direction (blowing from)



COMMENTS:	DATA PERIOD:	COMPANY NAME:	
Dahej	**Start Date: 01/03/2020 - 00:00** **End Date: 31/03/2020 - 23:00**	**M/s. Dahej Sez Limited**	
		MODELER: **UNISTAR ENVIRONMENT AND RESEARCH LABS**	
	CALM WINDS: **19.78%**	TOTAL COUNT: **743 hrs.**	
	AVG. WIND SPEED: **2.05 m/s**	DATE: **27/04/2020**	PROJECT NO.: **Mar 2020**

Meteorological Monitoring Data

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

By – UniStar Environment and Research Labs Pvt. Ltd.

Location : SEZ-1 Area (Lat. 21.6947° N, Long. 72.6347° E)			Period : October - 2019 to March - 2020			Instument - Sr.No. 18410021		
Year	**Month**	**Max / Min**	**Temp. [C]**	**Relative Humidity [%]**	**Pressure [mb]**	**Wind Direction [degrees]**	**Wind Speed [m/s]**	**Rain (mm)**
2019	October	Max	37.0	96.0	1014.1	359	20.9	12.3
		Min	21.5	37.0	1004.1		0.0	0.0
2019	November	Max	34.6	96.0	1032.8	359	17.3	17.1
		Min	19.0	43.0	1022.6		0.0	0.0
2019	December	Max	32.3	91.0	1035.4	359	25.6	0.0
		Min	12.0	44.0	1024.8		0.0	0.0
2020	January	Max	31.1	99.0	1035.6	359	24.1	0.0
		Min	11.4	38.0	1025.2		0.0	0.0
2020	February	Max	37.5	99.0	1036.0	359	24.5	0.0
		Min	12.6	29.0	1024.2		0.0	0.0
2020	March	Max	41.0	91.0	1034.5	359	26.6	0.0
		Min	12.3	17.0	1022.7		0.0	0.0
Max.			41.0	99.0	1036		26.6	17.1
Min.			11.4	17.0	1004		0.0	0.0

Jaivik Tandel
(Rec. Analyst)

2.0 AMBIENT AIR QUALITY MONITORING REPORT

Period: October-2019 to March-2020

FOR

Dahej SEZ Ltd.

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

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

Monitoring Organization

UniStar
Environment and Research Labs Pvt. Ltd.

White House,
Near G.I.D.C. Office, Char Rasta,
Vapi-396 195, Gujarat, India.
Phone : +91 260 2433966 / 2425610
Email : response@uerl.in Website : www.uerl.in

Ambient Air Quality Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Location : AAQM-1 (SEZ-1 Admin Building) (Lat. 21.69470 , Long. 72.63470)	Period : October-2019 to March - 2020	Instrument - RDS APM 460 BL (Sr.No. 2905-DTJ-2015) & FPS APM 550 MINI (Sr.No. 346-DTF-2015)

Year	Month	Max. / Min.	Parameter with Results												
			PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	HCL* µg/m³	Cl_2 µg/m³	NH_3 µg/m³	H_2S* µg/m3	CS_2* µg/m³	CO mg/m3	HF* µg/m³	HC* µg/m³	VOC* ppm
2019	October	Max.	92	28	16.5	20.3	<5.0	<2.0	<20	<5.0	<5.0	1.08	<5.0	<10	N.D
		Min.	80	20	14.2	18.4	<5.0	<2.0	<20	<5.0	<5.0	1.01	<5.0	<10	N.D
2019	November	Max.	101	32	16.8	19.1	<5.0	<2.0	<20	<5.0	<5.0	1.12	<5.0	<10	N.D
		Min.	82	18	11.6	13.8	<5.0	<2.0	<20	<5.0	<5.0	1.01	<5.0	<10	N.D
2019	December	Max.	106	32	19.1	22.4	<5.0	<2.0	<20	<5.0	<5.0	1.14	<5.0	<10	N.D
		Min.	82	18	11.1	15.2	<5.0	<2.0	<20	<5.0	<5.0	1.01	<5.0	<10	N.D
2020	January	Max.	117	34	18.5	21.2	<5.0	<2.0	<20	<5.0	<5.0	1.14	<5.0	<10	N.D
		Min.	84	21	10.8	15.0	<5.0	<2.0	<20	<5.0	<5.0	1.02	<5.0	<10	N.D
2020	February	Max.	114	32	19.8	22.4	<5.0	<2.0	<20	<5.0	<5.0	1.08	<5.0	<10	N.D
		Min.	74	22	11.8	13.6	<5.0	<2.0	<20	<5.0	<5.0	1.02	<5.0	<10	N.D
2020	March	Max.	111	36	17.2	21.4	<5.0	<2.0	<20	<5.0	<5.0	1.06	<5.0	<10	N.D
		Min.	84	24	11.4	15.2	<5.0	<2.0	<20	<5.0	<5.0	1.01	<5.0	<10	N.D
Max.			**117**	**36**	**19.8**	**22.4**	**<5.0**	**<2.0**	**<20**	**<5.0**	**<5.0**	**1.14**	**<5.0**	**<10**	**N.D**
Min.			**74**	**18**	**10.8**	**13.6**	**<5.0**	**<2.0**	**<20**	**<5.0**	**<5.0**	**1.01**	**<5.0**	**<10**	**N.D**
Specific Value as per NAAQMS/ GPCB/CTE			**100**	**60**	**80**	**80**	**200**	**100**	**400**	**500**	**2000**	**5.0**	**60**	**160**	—

NOTE: *1). Ambient Air Monitoring carried out for 24 hours time period , 2). NAAQMS: National Ambient Air Quality Monitoring Standard. 3). N.D. = Not Detected. 4) "The parameters marked * are not accredited by NABL"*

Jaivik Tandel
(Rec. Analyst)

Ambient Air Quality Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Location : AAQM-2 (SEZ -1 , At Fire Station) (Lat. 21. 4121 N, Long. 72.3672 E)	Period : October-2019 to March - 2020	Instrument - RDS APM 460 BL (Sr.No. 2905-DTJ-2015) & FPS APM 550 MINI (Sr.No. 346-DTF-2015)

Year	Month	Max. / Min.	Parameter with Results												
			PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	HCL* µg/m³	Cl_2 µg/m³	NH_3 µg/m³	H_2S* µg/m3	CS_2* µg/m³	CO mg/m3	HF* µg/m³	HC* µg/m³	VOC* ppm
2019	October	Max.	101	31	17.3	21.7	<5.0	<2.0	<20	<5.0	<5.0	1.07	<5.0	<10	N.D
		Min.	85	24	14.3	16.8	<5.0	<2.0	<20	<5.0	<5.0	1.01	<5.0	<10	N.D
2019	November	Max.	112	32	16.8	19.8	<5.0	<2.0	<20	<5.0	<5.0	1.12	<5.0	<10	N.D
		Min.	84	22	12.4	14.7	<5.0	<2.0	<20	<5.0	<5.0	1.02	<5.0	<10	N.D
2019	December	Max.	114	38	19.6	22.4	<5.0	<2.0	<20	<5.0	<5.0	1.12	<5.0	<10	N.D
		Min.	92	24	12.3	14.7	<5.0	<2.0	<20	<5.0	<5.0	1.02	<5.0	<10	N.D
2020	January	Max.	121	36	22.3	27.0	<5.0	<2.0	<20	<5.0	<5.0	1.08	<5.0	<10	N.D
		Min.	76	18	14.8	21.3	<5.0	<2.0	<20	<5.0	<5.0	1.01	<5.0	<10	N.D
2020	February	Max.	117	33	21.4	26.3	<5.0	<2.0	<20	<5.0	<5.0	1.06	<5.0	<10	N.D
		Min.	86	21	14.5	15.8	<5.0	<2.0	<20	<5.0	<5.0	1.01	<5.0	<10	N.D
2020	March	Max.	121	36	21.3	24.3	<5.0	<2.0	<20	<5.0	<5.0	1.06	<5.0	<10	N.D
		Min.	84	22	14.2	16.7	<5.0	<2.0	<20	<5.0	<5.0	1.01	<5.0	<10	N.D
Max.			**121**	**38**	**22.3**	**27.0**	**<5.0**	**<2.0**	**<20**	**<5.0**	**<5.0**	**1.12**	**<5.0**	**<10**	**N.D**
Min.			**76**	**18**	**12.3**	**14.7**	**<5.0**	**<2.0**	**<20**	**<5.0**	**<5.0**	**1.01**	**<5.0**	**<10**	**N.D**
Specific Value as per NAAQMS/ GPCB/CTE			**100**	**60**	**80**	**80**	**200**	**100**	**400**	**500**	**2000**	**5.0**	**60**	**160**	—

NOTE: *1). Ambient Air Monitoring carried out for 24 hours time period , 2). NAAQMS: National Ambient Air Quality Monitoring Standard. 3). N.D. = Not Detected. 4) "The parameters marked * are not accredited by NABL"*

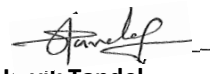
Jaivik Tandel
(Rec. Analyst)

Ambient Air Quality Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Location : AAQM-3 (SEZ – II, Admin Building) (Lat. 21. 4121 N, Long. 72.3325 E)	Period : October-2019 to March - 2020	Instrument - RDS APM 460 BL (Sr.No. 2343-DTB-2012) & FPS APM 550 MINI (Sr.No. 271-DTE-2010)

Year	Month	Max. / Min.	Parameter with Results												
			PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	HCL* µg/m³	Cl_2 µg/m³	NH_3 µg/m³	H_2S* µg/m3	CS_2* µg/m³	CO mg/m3	HF* µg/m³	HC* µg/m³	VOC* ppm
2019	October	Max.	109	28	17.9	22.5	<5.0	<2.0	<20	<5.0	<5.0	1.16	<5.0	<10	N.D
		Min.	86	21	15.3	18.2	<5.0	<2.0	<20	<5.0	<5.0	1.01	<5.0	<10	N.D
2019	November	Max.	116	32	20.7	22.4	<5.0	<2.0	<20	<5.0	<5.0	1.11	<5.0	<10	1.11
		Min.	88	22	11.6	14.2	<5.0	<2.0	<20	<5.0	<5.0	1.01	<5.0	<10	1.04
2019	December	Max.	115	28	28.2	31.8	<5.0	<2.0	<20	<5.0	<5.0	1.07	<5.0	<10	1.14
		Min.	94	18	18.6	21.1	<5.0	<2.0	<20	<5.0	<5.0	1.01	<5.0	<10	1.02
2020	January	Max.	128	38	25.0	27.6	<5.0	<2.0	<20	<5.0	<5.0	1.11	<5.0	<10	N.D
		Min.	98	22	17.2	20.2	<5.0	<2.0	<20	<5.0	<5.0	1.02	<5.0	<10	N.D
2020	February	Max.	114	36	22.4	26.4	<5.0	<2.0	<20	<5.0	<5.0	1.11	<5.0	<10	N.D
		Min.	94	22	14.6	18.6	<5.0	<2.0	<20	<5.0	<5.0	1.02	<5.0	<10	N.D
2020	March	Max.	121	38	17.2	21.3	<5.0	<2.0	<20	<5.0	<5.0	1.11	<5.0	<10	N.D
		Min.	94	21	12.7	14.2	<5.0	<2.0	<20	<5.0	<5.0	1.01	<5.0	<10	N.D
Max.			**128**	**38**	**28.2**	**31.8**	**<5.0**	**<2.0**	**<20**	**<5.0**	**<5.0**	**1.16**	**<5.0**	**<10**	**1.14**
Min.			**86**	**18**	**11.6**	**14.2**	**<5.0**	**<2.0**	**<20**	**<5.0**	**<5.0**	**1.01**	**<5.0**	**<10**	**1.02**
Specific Value as per NAAQMS/ GPCB/CTE			**100**	**60**	**80**	**80**	**200**	**100**	**400**	**500**	**2000**	**5.0**	**60**	**160**	—

NOTE: *1). Ambient Air Monitoring carried out for 24 hours time period , 2). NAAQMS: National Ambient Air Quality Monitoring Standard. 3). N.D. = Not Detected. 4) "The parameters marked * are not accredited by NABL"*



Jaivik Tandel
(Rec. Analyst)

3.0 NOISE LEVEL MONITORING REPORT

Period: October-2019 to March-2020

FOR

Dahej SEZ Ltd.

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

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

Monitoring Organization

UniStar
Environment and Research Labs Pvt. Ltd.

White House,
Near G.I.D.C. Office, Char Rasta,
Vapi-396 195, Gujarat, India.
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Ambient Noise Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Period : October-2019 to March - 2020			Instrument-LUTRON			
Year	Month	Max. / Min.	Parameter with Results dB (LEQ)			
			Location-NM-1 (SEZ-1 Admin Building	Location-NM-2 (SEZ - I, At Fire Station)	Location-NM-3 (SEZ – II,Pumping Station-D)	Location-NM-4 (SEZ – I,GIDC Pump House-C)
2019	October	Max.	70	76	70	70
		Min.	49	50	53	50
2019	November	Max.	71	77	71	77
		Min.	52	51	52	51
2019	December	Max.	74	76	72	72
		Min.	51	48	51	53
2020	January	Max.	78	77	72	74
		Min.	46	48	44	44
2020	February	Max.	72	74	71	77
		Min.	51	48	44	52
2020	March	Max.	72	78	77	71
		Min.	48	48	53	51
Permissible Limit Day Time			**<75 (6:00 am to 10:00 pm)**			
Permissible Limit Night Time			**<70 (10:00 pm to 6:00 am)**			

Jaivik Tandel
(Rec. Analyst)

4.0 WATER QUALITY MONITORING REPORT

Period: October-2019 to March-2020

FOR

Dahej SEZ Ltd.

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

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

Monitoring Organization

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Environment and Research Labs Pvt. Ltd.

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Phone : +91 260 2433966 / 2425610
Email : response@uerl.in Website : www.uerl.in

Ground Water Quality Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Ground water Sample		Month	Oct-19			Nov-19			Dec-19		
		Date of sampling	05/10/2019	05/10/2019	14/10/2019	05/11/2019	08/11/2019	22/11/2019	20/12/2019	20/12/2019	20/12/2019
Location			Suva	Luwara	V Dahej	Luwara	Ambheta	Lakhigam	Ambheta	Suva	Dahej
Sr. No.	Test Parameters	Unit	Result								
1	pH @ 25 ° C	Unit	7.24	8.16	7.56	8.49	7.78	8.05	7.93	7.41	7.96
2	Colour	Hazen Unit(APHA)	10	10	10	10	10	10	10	10	10
3	Taste	Agreeable	Non Agreeable	Agreeable	Agreeable	Not - Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
4	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5	Turbidity(NTU)	NTU	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1
6	Temperature	°C	33	34	33	30	30	31	28	28	28
7	Total Dissolved	mg/lit.	3955	625	904	4125	180	326	2170	3175	1970
8	Total Alkalinity	mg/lit.	940	115	310.4	1009.4	186.2	135.8	1309.5	921.5	572.3
9	Chloride (as Cl) $^-$	mg/lit.	1125.1	39.1	313.0	1129.6	24.9	16.3	665.3	919.1	371.7
10	Sulphate (as SO_4^{-2})	mg/lit.	515.5	10.2	71.2	237	5.5	7.7	138.5	461.5	35.0
11	Nitrate (as NO_3)	mg/lit.	17.2	0.9	2.0	7.5	1.6	1.2	46.5	46.5	2.5
12	Calcium (as Ca)	mg/lit.	261.6	32.7	53.8	15.3	23.3	23.3	38.8	209.9	77.7
13	Magnesium (as Mg)	mg/lit.	205.2	10.4	25.6	25.6	18.8	11.7	89.5	188.5	61.2
14	Fluoride (as F)	mg/lit.	0.40	0.52	BDL(MDL:0.1)	1.22	0.22	0.20	0.67	0.32	0.3
15	Iron (as Fe)	mg/lit.	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)
16	Zinc (as Zn)	mg/lit.	0.067	BDL(MDL:0.05)	0.052	0.067	BDL(MDL:0.0	BDL(MDL:0.0	0.065	0.078	0.066
17	Phenolic Compound	mg/lit.	BDL(MDL:0.00	BDL(MDL:0.00	BDL(MDL:0.001)	BDL(MDL:0.00	BDL(MDL:0.0	BDL(MDL:0.0	BDL(MDL:0.0	BDL(MDL:0.001)	BDL(MDL:0.0
18	Residual Chlorine	mg/lit.	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)

Note: *N.D. = Not Detected, MDL = Minimum Detection Limit*

Jaivik Tandel
(Rec. Analyst)

Ground Water Quality Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Ground water Sample		Month	Jan-20			Feb-20			Mar-20		
		Date of sampling	03/01/2020	16/01/2020	22/01/2020	22/02/2020	25/02/2020	26/02/2020	11/03/2020	11/03/2020	11/03/2020
Location			Lakhigam	Luwara	Dahej	Suva	Ambheta	Lakhigam	Dahej	Ambheta	Luvara
Sr. No.	Test Parameters	Unit	Result								
1	pH @ 25 ° C	Unit	8.36	8.55	8.05	7.12	8.33	8.16	7.99	8.61	8.9
2	Colour	Hazen Unit(APHA)	10	10	10	10	10	10	10	10	10
3	Taste	Agreeable	Agreeable	Not - Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
4	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	0.1	Agreeable	Agreeable	1
5	Turbidity(NTU)	NTU	10	1	1	1	0.1	26	1	0.1	30
6	Temperature	°C	26	25	26	28	26	220	30	26	5642
7	Total Dissolved	mg/lit.	294	8720	2105	3030	298	8.16	324	244	8.9
8	Total Alkalinity	mg/lit.	128.2	903.1	858.5	920	160	130	348.2	149.2	995
9	Chloride (as Cl) $^-$	mg/lit.	24.8	2710.1	1921.7	728	19.7	14.7	153.8	14.8	1836.2
10	Sulphate (as SO_4^{-2})	mg/lit.	4.8	1266	134.7	458	13.1	16.4	74.25	9.44	768.5
11	Nitrate (as NO_3)	mg/lit.	1.4	375	36.0	41	1.9	1.3	3.0	1.0	96
12	Calcium (as Ca)	mg/lit.	31.7	99.1	43.6	168.8	27.4	31.4	52.1	28.0	32
13	Magnesium (as Mg)	mg/lit.	52.9	353.6	69.7	128.5	26.1	19	21.8	19.4	123.9
14	Fluoride (as F)	mg/lit.	BDL(MDL:0.1)	0.64	0.56	0.24	0.48	0.21	0.4	0.12	2.5
15	Iron (as Fe)	mg/lit.	BDL(MDL:0.1)	0.27	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	0.77	BDL(MDL:0.1)	0.130
16	Zinc (as Zn)	mg/lit.	BDL(MDL:0.05)	0.096	0.078	0.062	BDL(MDL:0.0	BDL(MDL:0.0	0.048	BDL(MDL:0.05)	BDL(MDL:0.0
17	Phenolic Compound	mg/lit.	BDL(MDL:0.00	BDL(MDL:0.00	BDL(MDL:0.001)	BDL(MDL:0.00	BDL(MDL:0.0	BDL(MDL:0.0	BDL(MDL:0.0	BDL(MDL:0.001)	BDL(MDL:0.0
18	Residual Chlorine	mg/lit.	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)

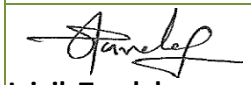
Note: *N.D. = Not Detected, MDL = Minimum Detection Limit*

Jaivik Tandel
(Rec. Analyst)

Surface Water Quality Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Surface water Sample		Month	Oct-19			Nov-19			Dec-19		
		Date of sampling	18/10/2019	18/10/2019	18/10/2019	08/11/2019	27/11/2019	27/11/2019	07/12/2019	16/12/2019	31/12/2019
Location			Near OPAL Compound	SEZ – 1 Storm Water	Near M/s. Accent	M/s. Indo Baijin SEZ – 1	M/s. OPAL Gate No. 1	M/s. Yashashvi	M/s. OPAL Gate No. 1	Near Pump – C	Near M/s. Hindustan
Sr. No.	Test Parameters	Unit	Result								
1	pH @ 25 ° C	Unit	3.84	8.14	7.10	7.09	7.32	8.15	6.82	2.30	7.23
2	Colour	**Hazen**	250	150	200	150	80	80	150	400	250
3	Taste	Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable
4	Odour	Agreeable	Non -Agreeable	Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable
5	Turbidity(NTU)	NTU	5	5	1	1	1	1	5	50	1
6	Temperature	°C	34	35	34	33	30	32	29	29	28
7	Total Dissolved	mg/lit.	20040	17755	1605	935	3140	615	4204	24895	9175
8	Total Alkalinity	mg/lit.	211.2	902.4	230.4	137.2	271.6	388	256.3	112.0	98.5
9	Chloride (as Cl) $^{-}$	mg/lit.	3498.9	10746.6	399.8	79.9	273.9	68.4	693.3	4676.5	2555.2
10	Sulphate (as SO_4^{-2})	mg/lit.	11950	1655	53.5	5.5	1993	52.1	2365.2	15316	3436
11	Nitrate (as NO_3)	mg/lit.	18.0	110	0.2	0.4	0.5	0.1	1.1	7.1	1.4
12	Calcium (as Ca)	mg/lit.	477.1	277.0	207.7	54.4	69.9	54.4	92.2	461.7	408.8
13	Magnesium (as Mg)	mg/lit.	153.9	65.3	37.3	28.2	51.8	37.7	46.8	489.8	51.0
14	Fluoride (as F)	mg/lit.	1.18	6.40	0.56	0.73	0.78	0.47	1.05	1.05	1.11
15	Iron (as Fe)	mg/lit.	0.510	0.158	BDL(MDL:0.1)	BDL(MDL:0.1)	0.114	BDL(MDL:0.1)	0.109	0.493	0.106
16	Zinc (as Zn)	mg/lit.	0.110	0.067	0.057	BDL(MDL:0.05)	BDL(MDL:0.0	BDL(MDL:0.0	BDL(MDL:0.0	0.112	0.068
17	Phenolic Compound	mg/lit.	2.0	6.32	0.4	BDL(MDL:0.00	BDL(MDL:0.0	BDL(MDL:0.0	BDL(MDL:0.0	6.08	3.28
18	Residual Chlorine	mg/lit.	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)

Note: N.D. = Not Detected, MDL = Minimum Detection Limit



Jaivik Tandel
(Rec. Analyst)

Surface Water Quality Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Surface water Sample		Month	Jan-20			Feb-20			Mar-20		
		Date of sampling	01/01/2020	16/01/2020	30/01/2020	27/02/2020	27/02/2020	29/02/2020	02/03/2020	18/03/2020	30/03/2019
Location			Near Backside of M/s. OPAL	Near M/s. ARTI	Near M/s. Rallis India	Near M/s. OPAL East Side	Near M/s. OPAL West	Near M/s. GODREJ	Near M/s. OPAL Wall	Near GIDC Pumping	Near GIDC Pumping
Sr. No.	Test Parameters	Unit	Result								
1	pH @ 25 ° C	Unit	7.50	10.21	8.42	7.50	3.13	7.58	7.37	4.70	7.43
2	Colour	Hazen Unit(APHA)	150	150	200	200	200	150	200	200	150
3	Taste	Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable
4	Odour	Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable	Non -Agreeable
5	Turbidity(NTU)	NTU	5	10	1	5	10	1	5	10	10
6	Temperature	°C	28	29	28	30	32	27	30	28	28
7	Total Dissolved	mg/lit.	3440	1705	10450	9520	2965	2505	1530	14760	16015
8	Total Alkalinity	mg/lit.	190.4	289.9	428.4	600	600	620	230	120.6	281.4
9	Chloride (as Cl) $^{-}$	mg/lit.	24.1	492.7	5666.6	1409.2	1307.2	1072	287.8	3498.5	3646.3
10	Sulphate (as SO_4^{-2})	mg/lit.	2280	148	852	5934	1148	337.5	763	6246	6366
11	Nitrate (as NO_3)	mg/lit.	3.2	0.9	0.7	0.5	20	0.5	0.4	2.9	1.5
12	Calcium (as Ca)	mg/lit.	641.2	7.9	31.7	353.5	628.4	86.4	78.5	328.6	561.1
13	Magnesium (as Mg)	mg/lit.	21.8	9.6	280.1	71.4	119.0	119.0	45.2	97.2	145.8
14	Fluoride (as F)	mg/lit.	0.94	0.55	0.71	3.55	5.9	1.19	0.94	5.4	7.5
15	Iron (as Fe)	mg/lit.	BDL(MDL:0.1)	0.410	BDL(MDL:0.1)	BDL(MDL:0.1)	1.70	BDL(MDL:0.1)	BDL(MDL:0.1)	0.033	0.14
16	Zinc (as Zn)	mg/lit.	BDL(MDL:0.05)	BDL(MDL:0.05)	0.098	0.085	0.066	0.074	0.081	0.064	0.071
17	Phenolic Compound	mg/lit.	BDL(MDL:0.00	BDL(MDL:0.00	BDL(MDL:0.001)	BDL(MDL:0.00	BDL(MDL:0.0	BDL(MDL:0.0	BDL(MDL:0.0	BDL(MDL:0.001)	BDL(MDL:0.0
18	Residual Chlorine	mg/lit.	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)	4.1	BDL(MDL:0.2)

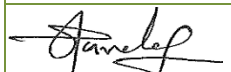
Note: N.D. = Not Detected, MDL = Minimum Detection Limit

Jaivik Tandel
(Rec. Analyst)

Marine Water Quality Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Marine water Sample		Month	October-19		November-19		December-19		January-20	
		Date of sampling	25/10/2019	05/10/2019	12/11/2019	05/11/2019	04/12/2019	24/12/2019	21/01/2020	16/01/2020
Location			High Tide	Low Tide	High Tide	Low Tide	High Tide	Low Tide	High Tide	Low Tide
Sr. No.	Test Parameters	Unit	Result							
1	pH @ 25 ° C	--	8.06	8.04	7.42	7.89	8.01	8.09	8.03	8.09
2	Temperature (0C)	0C	33	31	32	33	28	27	25	26
3	Turbidity (NTU)	NTU	10	5	100	10	10	10	>100	>100
4	Total Suspended Solids	mg/lit.	1124	206	620	282	374	414	1035	1845
5	BOD	mg/lit.	BDL(MDL:1.0)	BDL(MDL:1.0)	12	17	10	14	BDL(MDL:1.0)	BDL(MDL:1.0)
6	Ammonical Nitrogen	mg/lit.	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	Salinity (ppt)	mg/lit.	14.81	13.62	21.67	18.96	25.93	27.87	47.18	38.28
8	Dissolved Oxygen	mg/lit.	4.6	4.5	5.3	5.1	5.8	5.6	5.7	5.6
9	Total Nitrogen	mg/lit.	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)
10	Dissolved Phosphate	mg/lit.	1.3	0.24	0.53	0.27	0.40	0.58	0.6	0.84
11	Nitrate	mg/lit.	1.8	1.4	1.4	1.1	0.90	1.3	1.4	1.3
12	Nitrite	mg/lit.	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	0.1	BDL(MDL:0.1)
13	Phenol	mg/lit.	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)
14	PHC	mg/lit.	11	9	13	11	10	9	14	12

Note: N.D. = Not Detected, MDL = Minimum Detection Limit



Jaivik Tandel
(Rec. Analyst)

Marine Water Quality Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Marine water Sample		Month	February-20		March-20	
		Date of sampling	11/02/2020	26/02/2020	12/03/2020	03/03/2020
Location			High tide	Low tide	High tide	Low tide
Sr. No.	Test Parameters	Unit	Result			
1	pH @ 25 ° C	--	7.98	7.96	8.03	8.07
2	Temperature (0C)	0C	25	26	25	26
3	Turbidity (NTU)	NTU	>100	>100	>100	>100
4	Total Suspended Solids	mg/lit.	515	2400	1795	2475
5	BOD	mg/lit.	95	25	20	8.07
6	Ammonical Nitrogen	mg/lit.	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	18
7	Salinity (ppt)	mg/lit.	32.05	34.72	32.05	BDL(MDL:2.0)
8	Dissolved Oxygen	mg/lit.	5.4	5.6	5.7	34.66
9	Total Nitrogen	mg/lit.	BDL(MDL:2.0)	BDL(MDL:2.0)	2.2	5.8
10	Dissolved Phosphate	mg/lit.	0.21	0.15	0.20	BDL(MDL:2.0)
11	Nitrate	mg/lit.	1.3	1.2	1.3	0.29
12	Nitrite	mg/lit.	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	0.0021
13	Phenol	mg/lit.	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.1)
14	PHC	mg/lit.	16	14	12	BDL(MDL:0.001)

Note: N.D. = Not Detected, MDL = Minimum Detection Limit

JaivikTandel
(Rec.Analyst)

Waste Water Quality Monitoring Data

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

By – UniStar Environment and Research Labs Pvt. Ltd.

Location : Waste Water Sample		Month	Oct-19									
		Date of sampling	4/10/2019	5/10/2019	9/10/2019	10/10/2019	12/10/2019	11.09.2018	18/10/2019	19/10/2019	24/10/2019	26/10/2019
Sampling Location			GIDC PUMP STATION-C	M/s.RAKS PHARMA PVT. LTD.	M/s. TATVA CHINTAN PHARMA CHEM PVT. LTD.	M/s. ACCENT MICROCELL PVT.LTD.	M/s. YASHASHVI RASAYAN	GIDC PUMP STATION-D	M/s. FIRMENICH AROMATICS PRODUCTION (INDIA)	M/s.TORRENT PHARMACEUTICALS LTD.	M/s. ARIES COLOR CHEM PVT. LTD.	M/s. SUN PHARMACEUTICAL INDUSTRIES LTD.
Sr. No.	Test Parameters	Unit	Result									
1	pH @ 25 ° C	--	6.97	5.63	7.79	7.41	7.48	7.63	8.13	7.11	7.6	7.63
2	Colour (Pt. Co. Scale)	Pt. Co. Scale	300	80	80	200	200	200	200	80	200	200
3	Temperature ^{0}C	^{0}C	32	31	31	31	31	31	30	31	31	31
4	Total Dissolved Solids	mg/L	1565	898	2065	6345	415	2720	5570	1510	24915	3445
5	Total Suspended Solids	mg/L	154	BDL(MDL:4.0)	20	550	50	150	35	10	5	10
6	Oil & Grease	mg/L	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	8	5	2	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)
7	Fluoride	mg/L	1.12	1.26	0.37	0.84	0.59	0.81	1.4	0.37	1.11	0.82
8	Sulphide	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)
9	Ammonical Nitrogen	mg/L	11.2	14.2	5.6	2.2	BDL(MDL:2.0)	17.9	4.8	BDL(MDL:2.0)	2	BDL(MDL:2.0)
10	Copper	mg/L	0.118	0.127	0.144	0.171	0.117	0.145	0.147	0.135	0.124	0.111
11	Zinc	mg/L	0.101	0.052	0.067	0.093	0.052	0.069	0.086	0.057	0.096	0.065
12	BOD (3 days at 27 ^{0}C)	mg/L	21	12	24	340	92	70	48	6	50	15
13	COD	mg/L	65.7	41	82.1	1027	221	241.4	160.8	20.6	169.4	48.8
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	0.091	0.036	0.051	0.075	0.023	0.051	0.065	0.036	0.089	0.069
17	Hexavalent Chromium	mg/L	0.09	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	0.396	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)
19	Nickel	mg/L	0.108	0.037	0.047	0.074	0.025	0.047	0.072	0.039	0.093	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)	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)	1.2	0.4	0.4	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)
22	Chloride (as $Cl)^{-}$	mg/L	635.9	440.2	1223	1956.8	29.3	529.8	1699.4	659.7	5248.3	1239.6
23	Sulphate (as SO_4^{-2})	mg/L	549	86	321	426.8	77.9	1257	659	118.8	7404	3062
24	Nitrate	mg/L	0.4	17.4	13.4	0.8	0.2	0.5	0.7	36	80	99
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.	Failed	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)	ppb	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent

Note: *N.D. = Not Detected, MDL = Minimum Detection Limit*

Jaivik Tandel (Rec. Analyst)

Waste Water Quality Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Location : Waste Water Sample		Month	Nov-19									
		Date of sampling	5/11/2019	11/11/2019	12/11/2019	14/11/2019	16/11/2019	18/11/2019	22/11/2019	25/11/2019	27/11/2019	30/11/2019
Sampling Location			GIDC PUMP STATION-D	M/s. COROMANDEL INTERNATIONAL LTD.	GIDC PUMP STATION-C	M/s. MEGHMANI ORGANICS LTD.	M/s.MEGHMANI UNICHEM LLP	M/s. SHIVA PHARMACHEM LIMITED.	M/s. GLENMARK PHARMACEUTICALS LTD.	M/s.FERMENTA BIOTECH LTD.	M/s. THERMAX LIMITED- CHEMICAL DIVISION	M/s.MEGHMANI INDUSTRIES LTD.
Sr. No.	Test Parameters	Unit	Result									
1	pH @ 25 ° C	--	7.11	6.89	7.36	6.83	7.89	7.27	7.75	8.41	7.66	7.62
2	Colour (Pt. Co. Scale)	Pt. Co. Scale	300/Objectionable	50	>500	100	250	150	60	200	150	150
3	Temperature ^{0}C	^{0}C	33	33	33	32	33	32	32	33	32	32
4	Total Dissolved Solids	mg/L	3560	7070	7735	2710	3645	15180	385	4690	8205	4710
5	Total Suspended Solids	mg/L	110	40	80	15	95	92	5	15	75	25
6	Oil & Grease	mg/L	3	BDL(MDL:2.0)	7	BDL(MDL:2.0)	4	4	BDL(MDL:2.0)	BDL(MDL:2.0)	2	BDL(MDL:2.0)
7	Fluoride	mg/L	1.52	0.34	0.58	0.27	0.66	1.07	0.62	0.41	0.77	0.47
8	Sulphide	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	4	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)
9	Ammonical Nitrogen	mg/L	15.3	12.6	35.6	26.3	139.9	7.1	43.9	BDL(MDL:2.0)	43	3.6
10	Copper	mg/L	0.071	0.078	0.145	0.057	0.082	0.077	0.055	0.135	0.102	0.069
11	Zinc	mg/L	0.092	0.093	0.126	0.085	0.093	0.086	0.078	0.093	0.118	0.078
12	BOD (3 days at 27 ^{0}C)	mg/L	74	3	274	49	72	72	32	24	72	26
13	COD	mg/L	246	12.2	855.1	170.3	242.8	245.6	110	86.4	245.2	90.9
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	BDL(MDL:0.01)	BDL(MDL:0.01)	0.114	0.041	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	0.068	0.079	0.062
17	Hexavalent Chromium	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	0.18	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	0.11
18	Total Chromium	mg/L	0.081	BDL(MDL:0.05)	0.471	0.059	0.102	0.075	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	0.393
19	Nickel	mg/L	0.093	0.057	0.136	0.032	0.113	BDL(MDL:0.02)	0.054	0.074	0.072	0.069
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	0.65	BDL(MDL:0.1)	0.98	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	0.62
22	Chloride (as Cl) $^{-}$	mg/L	1199.6	124.9	3498.9	499.8	1614.3	7778.4	136.9	1086	2348.2	3326.6
23	Sulphate (as SO_4^{-2})	mg/L	155.1	772.2	1689	1817	800	3969	17.1	1586	3993	135
24	Nitrate	mg/L	7.9	18.5	2.4	2.9	0.6	3.1	0.6	4.3	11.2	4.9
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.	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)	ppb	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent

Note: *N.D. = Not Detected, MDL = Minimum Detection Limit*

Jaivik Tandel (Rec. Analyst)

Waste Water Quality Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Location : Waste Water Sample		Month	Dec-19									
		Date of sampling	4/12/2019	5/12/2019	7/12/2019	10/12/2019	24/12/2019	25/12/2019	26/12/2019	27/12/2019	28/12/2019	30/12/2019
Sampling Location			GIDC PUMP STATION-D	M/s. YASHASHVI RASAYAN	M/s. TATVA CHINTAN PHARMA CHEM PVT. LTD.	GIDC PUMP STATION-C	M/s.HINDUSTAN M-I SWACO LTD.	M/s.ROXUL-ROCKWOOL INSULATION INDIA	M/s. ONGC PETRO ADDITIONS LTD.	M/s. INDOFIL INDUSTRIES LTD.	M/s.TORRENT PHARMACEUTICALS LTD.	M/s.FERMENICH AROMATICS PRODUCTION INDIA
Sr. No.	Test Parameters	Unit	Result									
1	pH @ 25 ° C	--	8.6	7.43	7.99	6.78	8.22	8.12	7.55	7.94	6.1	8.2
2	Colour (Pt. Co. Scale)	Pt. Co. Scale	250	200	50	>500	60	60	60	80	80	150
3	Temperature ^{0}C	^{0}C	31	31	31	31	31	32	31	31	31	31
4	Total Dissolved Solids	mg/L	5025	2525	985	10885	360	1258	4440	655	3065	8895
5	Total Suspended Solids	mg/L	215	45	15	80	BDL(MDL:4.0)	25	5	5	60	155
6	Oil & Grease	mg/L	5	BDL(MDL:2.0)	BDL(MDL:2.0)	13	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	0.72	0.75	0.5	0.8	0.65	0.57	0.91	0.55	0.25	1.31
8	Sulphide	mg/L	1.04	0.29	BDL(MDL:0.05)	1.3	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	0.78	BDL(MDL:0.05)	BDL(MDL:0.05)
9	Ammonical Nitrogen	mg/L	35.5	5.4	14.4	96.4	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	11	8.1
10	Copper	mg/L	0.093	0.091	0.065	0.125	0.058	0.066	0.087	0.085	0.071	0.142
11	Zinc	mg/L	0.115	0.12	0.087	0.106	0.072	0.074	0.093	0.091	0.102	0.125
12	BOD (3 days at 27 ^{0}C)	mg/L	246	46	27	360	BDL(MDL:1.0)	13	26	2	33	48
13	COD	mg/L	743.7	165.2	94.7	1092.9	6.8	44.7	93.7	8.1	115.6	171.3
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	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	0.096	BDL(MDL:0.01)	0.036	BDL(MDL:0.01)	0.055	BDL(MDL:0.01)	0.085
17	Hexavalent Chromium	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	0.17	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:005)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)
18	Total Chromium	mg/L	0.107	0.098	0.066	0.415	0.063	BDL(MDL:0.05)	BDL(MDL:0.05)	0.106	BDL(MDL:0.05)	BDL(MDL:0.05)
19	Nickel	mg/L	0.114	0.081	0.089	0.113	0.079	0.044	0.077	0.092	0.072	0.087
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	0.5	0.1	BDL(MDL:0.1)	0.8	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	0.4
22	Chloride (as $Cl)^{-}$	mg/L	1196.4	105.2	306.2	4001.5	67.4	493.5	752.1	28.9	771.3	2073.1
23	Sulphate (as SO_4^{-2})	mg/L	155.1	772.2	199.5	3584	18.3	20.3	1653	19.6	75.2	3628
24	Nitrate	mg/L	0.9	0.2	0.8	3.5	8.6	2.4	14	1.3	7.7	1.1
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)	ppb	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent

Note: *N.D. = Not Detected, MDL = Minimum Detection Limit*

Jaivik Tandel (Rec. Analyst)

Waste Water Quality Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Location : Waste Water Sample		Month	Jan-20								
		Date of sampling	4/1/2020	9/1/2020	10/1/2020	11/1/2020	11/1/2020	17/01/2020	20/01/2020	27/01/2020	22/01/2020
Sampling Location			GIDC PUMP STATION-C	GIDC PUMP STATION-D	M/s. SIGACHI INDUSTRIES PVT. LTD.	M/s. RALLIS INDIA LTD.	M/s.FERMENTA BIOTECH LTD.	M/s. ARIES COLOR CHEM PVT. LTD.	M/s. SUN PHARMACEUTICAL INDUSTRIES LTD.	M/s. GLENMARK PHARMACEUTICALS LTD.	M/s. ACCENT MICROCELL PVT.LTD.
Sr. No.	Test Parameters	Unit	Result								
1	pH @ 25 ° C	--	7.1	7.82	8.08	7.02	7.76	8.6	7.88	7.95	7.67
2	Colour (Pt. Co. Scale)	Pt. Co. Scale	300	300	60	150	80	300	300	80	150
3	Temperature ^{0}C	^{0}C	29	29	29	28	28	28	29	29	30
4	Total Dissolved Solids	mg/L	20490	3395	280	2815	4225	30875	4840	300	5100
5	Total Suspended Solids	mg/L	110	630	20	15	120	415	15	10	105
6	Oil & Grease	mg/L	6	9	BDL(MDL:2.0)	BDL(MDL:2.0)	5	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)
7	Fluoride	mg/L	1.09	0.85	0.48	0.67	0.73	4.2	3.25	0.28	2.24
8	Sulphide	mg/L	BDL(MDL:0.05)	1.8	BDL(MDL:0.05)	BDL(MDL:0.05)	0.25	BDL(MDL:0.05)	0.25	BDL(MDL:0.05)	BDL(MDL:0.05)
9	Ammonical Nitrogen	mg/L	105.5	43.1	4.9	21.2	9.9	4.9	BDL(MDL:2.0)	5.1	BDL(MDL:2.0)
10	Copper	mg/L	0.136	0.077	0.055	0.085	0.118	0.156	0.082	0.056	0.116
11	Zinc	mg/L	0.125	0.101	0.069	0.105	0.096	0.177	0.091	0.067	0.147
12	BOD (3 days at 27 ^{0}C)	mg/L	186	392	3	110	164	10	23	2	46
13	COD	mg/L	559.7	1151.9	12.4	331.2	496.8	33.3	70.1	8.2	164.3
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)
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)
16	Lead	mg/L	0.109	BDL(MDL:0.01)	0.047	BDL(MDL:0.01)	0.071	0.115	0.069	BDL(MDL:0.01)	0.115
17	Hexavalent Chromium	mg/L	0.17	BDL(MDL:0.05)	0.14	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	0.423	0.096	0.352	BDL(MDL:0.05)	BDL(MDL:0.05)	0.157	BDL(MDL:0.05)	BDL(MDL:0.05)	0.123
19	Nickel	mg/L	0.126	0.102	0.048	0.074	0.062	0.108	0.062	0.037	0.118
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)
21	Phenolic Compound	mg/L	0.93	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)	0.2
22	Chloride (as Cl) $^{-}$	mg/L	3474.1	794	39.7	387.1	873.4	6849.2	3942	19.7	1576.8
23	Sulphate (as SO_4^{-2})	mg/L	15865	666	9.8	1400.5	1543.5	14280	640	9.6	115
24	Nitrate	mg/L	15	5.5	1.5	3.1	5.5	23.5	11.5	1.2	6.7
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.
26	Pesticides (ppb)	ppb	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent

Note: *N.D. = Not Detected, MDL = Minimum Detection Limit*

Jaivik Tandel (Rec. Analyst)

Waste Water Quality Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Location : Waste Water Sample		Month	Feb-20									
		Date of sampling	6/2/2020	7/2/2020	11/2/2020	17/02/2020	19/02/2020	20/02/2020	25/02/2020	26/02/2020	28/02/2020	27/02/2020
Sampling Location			GIDC PUMP STATION-D	GIDC PUMP STATION-C	M/s. FERMENTA BIOTECH LTD.	M/s. Thermax Limited- Chemical Division	M/s. INDOFIL INDUSTRIES LTD.	M/s.ROXUL-ROCKWOOL INSULATION INDIA	M/s. SHIVA PHARMACHEM LIMITED.	M/s. POWERBAND INDUSTRIES PVT. LTD.	M/s. MACSON COLOR CHEM PVT. LTD.	M/s.RAKS PHARMA PVT. LTD.
Sr. No.	Test Parameters	Unit	Result									
1	pH @ 25 ° C	--	7.32	5.15	7.49	7.77	7.72	8.21	7.72	8.16	7.71	5.58
2	Colour (Pt. Co. Scale)	Pt. Co. Scale	300	>500	150	60/Unobjectionable	80/Unobjectionable	50	150	150	150	80
3	Temperature ^{0}C	^{0}C	29	30	30	29	29	30	29	29	31	30
4	Total Dissolved Solids	mg/L	6135	19380	1895	12430	116390	3265	2850	640	595	490
5	Total Suspended Solids	mg/L	30	410	165	55	245	10	40	BDL(MDL:4.0)	20	10
6	Oil & Grease	mg/L	BDL(MDL:2.0)	23	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	2.68	4.25	0.62	0.44	0.77	0.65	0.71	0.37	0.41	0.56
8	Sulphide	mg/L	BDL(MDL:0.05)	2.4	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)
9	Ammonical Nitrogen	mg/L	BDL(MDL:2.0)	279.7	7.2	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	2.2	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)
10	Copper	mg/L	0.093	0.165	0.082	0.125	0.165	0.089	0.09	0.059	0.066	0.053
11	Zinc	mg/L	0.123	0.156	0.069	0.144	0.191	0.095	0.085	0.081	0.071	0.066
12	BOD (3 days at 27 ^{0}C)	mg/L	40	1370	54	62	48	2	20	48	6	3
13	COD	mg/L	139.6	4025.8	190.8	216.1	168.1	8.2	70.1	164.3	21	12.4
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	BDL(MDL:0.01)	0.145	0.051	0.096	0.141	0.067	BDL(MDL:0.01)	BDL(MDL:0.01)	0.042	BDL(MDL:0.01)
17	Hexavalent Chromium	mg/L	BDL(MDL:0.05)	0.24	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	0.114	0.493	BDL(MDL:0.05)	BDL(MDL:0.05)	0.156	BDL(MDL:0.05)	0.073	0.069	BDL(MDL:0.05)	BDL(MDL:0.05)
19	Nickel	mg/L	0.127	0.167	0.033	0.126	0.193	0.081	BDL(MDL:0.02)	0.046	0.051	0.032
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	0.86	0.96	BDL(MDL:0.1)	BDL(MDL:0.1)	1.25	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	4927.5	5913	236.5	3942	2365.2	1261.4	1231	147.8	32	47.1
23	Sulphate (as SO_4^{-2})	mg/L	3665	12035	320.9	6408	81450	231.1	359.5	82.6	32.2	87.6
24	Nitrate	mg/L	7.6	16.5	0.5	11	45	2.4	6.2	2.5	1.7	0.9
25	Bio Assay test (%)	%	90 % survival of fish after 48 hrs.	Failed	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)	ppb	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent

Note: N.D. = Not Detected, MDL = Minimum Detection Limit

Jaivik Tandel (Rec. Analyst)

Waste Water Quality Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Location : Waste Water Sample		Month	Mar-20						
		Date of sampling	5/3/2020	7/3/2020	11/3/2020	11/3/2020	14/03/2020	17/03/2020	18/03/2020
Sampling Location			M/s. RALLIS INDIA LTD.	GIDC PUMP STATION-C	GIDC PUMP STATION - D	M/S. YASHASHVI RASAYAAN PVT. LTD.	M/s. TORRENT PHARMA LTD.	M/s. FIRMENICH AROMATICS PRODUCTION INDIA	M/s. BENZO CHEM INDUSTIES PVT, LTD.
Sr. No.	Test Parameters	Unit	Result						
1	pH @ 25 ° C	--	7.45	7.87	7.66	7.7	6.94	8.52	7.52
2	Colour (Pt. Co. Scale)	Pt. Co. Scale	300	>500	150	60/Unobjectionable	80/Unobjectionable	50	50
3	Temperature ^{0}C	^{0}C	30	30	30	29	29	30	29
4	Total Dissolved Solids	mg/L	1450	11665	7585	1875	1682	6894	1644
5	Total Suspended Solids	mg/L	122	230	110	5	245	34	42
6	Oil & Grease	mg/L	BDL(MDL:2.0)	BDL	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	4.4	1.22	1.2	0.77	11.75	0.7
8	Sulphide	mg/L	BDL(MDL:0.05)	7	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	BDL(MDL:2.0)	121.8	35.8	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL
10	Copper	mg/L	0.082	0.162	0.087	0.1	0.165	0.081	0.052
11	Zinc	mg/L	0.114	0.155	0.064	0.14	0.191	0.072	0.081
12	BOD (3 days at 27 ^{0}C)	mg/L	42	1042	101.2	BDL	41	22	112
13	COD	mg/L	224.6	3581	334.4	58.4	240.2	105.3	286.4
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)
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)
16	Lead	mg/L	BDL(MDL:0.01)	0.141	0.056	0.072	0.142	0.061	BDL(MDL:0.01)
17	Hexavalent Chromium	mg/L	BDL(MDL:0.05)	0.21	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	0.111	0.483	BDL(MDL:0.05)	BDL(MDL:0.05)	0.151	BDL(MDL:0.05)	0.074
19	Nickel	mg/L	0.121	0.164	0.034	0.114	0.172	0.082	BDL(MDL:0.02)
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)
21	Phenolic Compound	mg/L	BDL	0.94	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL	BDL(MDL:0.1)	BDL(MDL:0.1)
22	Chloride (as Cl) $^{-}$	mg/L	9.9	5657.8	1786.6	119.1	746.3	1310	325.2
23	Sulphate (as SO_4^{-2})	mg/L	244.4	985	3693	1497	107.3	1286	751
24	Nitrate	mg/L	0.1	8.6	0.4	1.9	32.5	1	0.9
25	Bio Assay test (%)	%	90 % survival of fish after 48 hrs.	Failed	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)	ppb	Absent	Absent	Absent	Absent	Absent	Absent	Absent

Note: *N.D. = Not Detected, MDL = Minimum Detection Limit*

Jaivik Tandel (Rec. Analyst)

5.0 SOIL QUALITY MONITORING REPORT

Period: October-2019 to March-2020

FOR

Dahej SEZ Ltd.

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

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

Monitoring Organization

UniStar
Environment and Research Labs Pvt. Ltd.

White House,
Near G.I.D.C. Office, Char Rasta,
Vapi-396 195, Gujarat, India.
Phone : +91 260 2433966 / 2425610
Email : response@uerl.in Website : www.uerl.in

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986(12.01.2015 to 11.01.2020) | QCI-NABET Accredited EIA Consultant Organization | GPCB Recognized Environmental Auditor (Schedule-II) | OHSAS18001:2007 Certified Company | ISO 9001:2015 Certified Company

Soil Quality Monitoring Data
For M/s. Dahej SEZ Ltd. (SEZ Developer)
By – UniStar Environment and Research Labs Pvt. Ltd.

Location : Soil Sample Sample		Month	Nov-19	Jan-20
		Date of sampling	13/11/2019	25/01/2020
Sampling Location			Nr. M/s. Meghmani Organics Ltd. (SEZ – 1, Z-31, 32) Corridor	Nr. M/s. MEGHMANI ORGANICCS LTD. (SEZ-1, Z-31/32) NORTH SIDE
Sr. No.	**Test Parameters**	**Unit**	**Result**	
1	Arsenic	mg/kg	N.D.	N.D.
2	Lead	mg/kg	BDL(MDL:1.0)	BDL(MDL:1.0)
3	Antimony	mg/kg	N.D.	N.D.
4	Beryllium	mg/kg	N.D.	N.D.
5	Chromium	mg/kg	29.11	14.98
6	Titanium	mg/kg	N.D.	N.D.
7	Zinc	mg/kg	63.65	21.22
8	Selenium	mg/kg	N.D.	N.D.
9	Silver	mg/kg	N.D.	N.D.
10	Nickel	mg/kg	22.51	53.88
11	Cadmium	mg/kg	2.24	4.52
12	VOCs	PPb	Absent	Absent
13	SVOCs	PPb	Absent	Absent
14	Copper	mg/kg	76.28	96.91
15	Mercury	mg/kg	BDL(MDL:0.1)	BDL(MDL:0.1)
16	PCB	PPb	Absent	Absent
17	TPH	PPb	Absent	Absent
18	PAH	PPb	Absent	Absent

Note: *N.D. = Not Detected, MDL = Minimum Detection Limit*

Jaivik Tandel (Rec. Analyst)

Annexure-VI

- Copy of environmental clearance for dispose the treated effluent into deep sea from MoEF& CC.

3)

No.J-16011/9/2003-IA-III
Government of India
Ministry of Environment and Forests
(IA-III Division)

Paryavaran Bhavan,
CGO Complex, Lodhi Road,
New Delhi – 110003.

Dated the 29th April, 2005

Sub: Environmental clearance under the CRZ Notification, 1991 – Laying of the effluent disposal pipeline for disposal of treated effluent from GIDC Industrial Estates at Vilayat and Dahej, District Bharuch, by the Gujarat Industrial Development Corporation – regarding.

****

Reference is invited to letter No.ENV-10.2002-994-P1, dated 29.1.2003, dated 9.4.2003 and dated 19.6.2003 forwarded by Forest & Environment Department, Government of Gujarat. Similarly, information furnished vide letters No.GIDC/EE/DVDC/BRH/PB/922, dated 2.7.2002, No.GIDC/EE/DVDC/BRH/1303, dated 27.9.2002, No.ENG/PH/I/629, dated 30.5.2003, No.GIDC/ENG/PH/813, dated 17.7.2003, No.GIDC/ENG/HO, dated 13.1.2004, No.GIDC/ENG/PH/389, dated 24.3.2004, No.GIDC/ENG/SE/PH/1209, dated 4.10.2004, No.GIDC:ENG:CE:347, dated 17.11.2004 No.GIDC:ENG:CE:370, dated 17.12.2004, No.GIDC:ENG:Dy.C.E.32, dated 31.1.2005, No.GIDC/ENG/DY.CE/36, dated 1.2.2005 and letter No.GIDC/ENG/DY.CE/142, dated 15.2.2005 from Gujarat Industrial Development Corporation No Objection Certificate from Gujarat Pollution Control Board *vide* letter No.PC/NOC/BRCH-2430, dated 22.10.2002 on the above mentioned subject have been considered.

The project involves laying of the effluent disposal pipeline for conveyance of the treated effluent from the Vilayat and Dahej Industrial estates, district Bharuch to the sea in the Gulf of Khambhat off Dahej coast. The proposed scheme covers treatment of effluents by the respective industries totaling 18×10^3 m^3/day to meet the norms of the Gujarat Pollution Control Board before transferring to the combined collection system. The total length of the pipeline proposed for the project is 52.5 km which includes 4.5 km of the pipeline in the offshore area. The entire pipeline is laid below the ground level. Of the 52.5 km of pipeline 4.5 km length pipeline will be buried in the inter-tidal zone and seabed in the Gulf of Cambay + 9 km is in the coastal area and 39 kms is in the onshore area. The effluent will be discharged at latitude 21°39'26"N and Longitude 72°29'50" E through a marine outfall point system with suitably designed diffuser to achieve a conservative dilution of 100 to 200 times.

Send copy to SEE(CC) for compliance
14/9/5
EC

4)

The proposal has been examined and environmental clearance to this project is hereby accorded subject to effective implementation of the following environmental safeguards and conditions:-

A. SPECIFIC CONDITIONS:

i) All the conditions stipulated by Environment Department, Government of Gujarat as contained in their letter No.ENV-10.2002-994-P1, dated 29.1.2003 shall be effectively implemented. The project shall be implemented in such a manner that there is no damage whatsoever to the mangroves/other sensitive coastal ecosystems.. If any damage to mangroves is anticipated/envisaged as a result of project activities then the clearance now being accorded shall stand cancelled and the proponents may seek fresh approval from the Ministry.

ii) All the conditions stipulated by Gujarat Pollution Control Board vide letter No.PC/NOC/BRCH-2430, dated 22.10.2002 should be effectively implemented.

iii) It should be ensured that no activities are taken up in the forest area till necessary forest clearance is obtained and furnished to this Ministry. Adequate measures for compensatory afforestation must be taken accordingly.

iv) It shall be ensured that there is no displacement of people, houses or fishing activity as a result of the project.

v) It shall be ensured that due to the project, there is no adverse impact on the drainage of the area and recharge of groundwater. No groundwater should be tapped in the project area falling in Coastal Regulation Zone.

vi) The project proponent must ensure that the effluents /liquid waste discharged are as per the standards laid down by the Gujarat Pollution Control Board.

vii) The camps of labour shall be kept outside the Coastal Regulation Zone area. Proper arrangements for cooking fuel shall be made for the labour during construction phase so as to ensure that mangroves are not cut/destroyed for this purpose.

viii) The entire stretch of the pipelines shall be buried underground except at the booster pumping station, which will be properly fenced and the station would be manned round the clock. The buried lines will be protected with anticorrosive coaltar based coating. The coating will be tested in accordance with prescribed standards.

ix) Markers shall be installed at every 30 m to indicate the position of the line.

x) Regular patrolling of the pipeline needs to be done. This will help in identifying any activity that have the potential to cause pipeline damage or to identify small leaks whose effects are too small to be detected by instrument.

xi) There should be display boards at critical locations along the pipeline viz road/rail/river crossings giving emergency instructions as well as contact details of GIDC. This will ensure prompt information regarding location of accident during any emergency. Emergency Information board should contain emergency instructions in addition to contact details.

B. GENERAL CONDITIONS:

(i) Construction of the proposed structures should be undertaken meticulously confirming to the existing Central/local rules and regulations. All the construction designs/drawings relating to the proposed construction activities

must have approvals of the concerned State Government Department/Agencies.

(ii) The project authorities should take appropriate community development and welfare measures for the villagers in the vicinity of the project site, including drinking water facilities. A separate fund should be allocated for this purpose.

(iii) To meet any emergency situation, appropriate fire-fighting system should be installed. Appropriate arrangements for uninterrupted power supply to the environment protection equipment and continuous water supply for the fire fighting system should be made.

(iv) A separate Environment Management Cell with suitably qualified staff to carry out various environment related functions should be set up under the charge of a Senior Executive who will report directly to the Chief Executive of the Company.

(v) The funds earmarked for environment protection measures should be maintained in a separate account and there should be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards should be reported to this Ministry's Regional Office at Bhopal.

(vi) Full support should be extended to the officers of this Ministry's Regional Office at Bhopal and the officers of the Central and 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.

(vii) In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this Ministry for modification in the clearance conditions or imposition of new one for ensuring environmental protection. The project proponents should be responsible for implementing the suggested safeguard measures.

(viii) 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.

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

(x) A copy of the clearance letter shall be marked to the concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal.

(xi) State Pollution Control Board/Committee should display a copy of the clearance letter at the District Industries Center and Collector's Office/ Tehsildar's Office for 30 days.

(xii) The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Gujarat State Pollution Control Board and may also be seen at website of the Ministry of Environment & Forests at http://www.envfor.nic.in/.

(xiii) The project proponents should inform Regional Office Bhopal as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of work.

(xiv) The project proponent will obtain the Forest clearance for the land passing through the Reserved Forest area before commencement of the project activities in forest area.

(xv) So as to maintain ecological features and avoid damage to the ecosystem, movement of vehicles in the Inter Tidal Zone shall be restricted to the minimum.

(xvi) Budgetary break up for Environmental Management Plan for the project to be mentioned.

The above mentioned stipulations will be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (protection) Act, 1986, the Hazardous Chemicals (Manufacture, Storage and Import) Rules, 1989, the Coastal Regulation Zone Notification, 1991 and its subsequent amendments and the Public Liability Insurance Act, 1991 and the Rules made thereunder from time to time. The project proponents should also ensure that the proposal complies with the provisions of the approved Coastal Zone Management Plan of Gujarat and the Supreme Court's order dated 18th April, 1996 in the Writ Petition No.664 of 1993 to the extent the same are applicable to this proposal.

(A. Senthil Vel)
Joint Director

To

Shri P. G. Vinod,
Deputy Chief Engineer,
M/s Gujarat Industrial Development Corporation,
Udyog Bhavan, Block No.4,
2nd Floor, Sector No.11,
Gandhinagar - 382017.

Copy to:

1. Chief Conservator of Forests, Ministry of Environment and Forests, Regional Office (WZ), Kendriya Paryavaran Bhavan, Link Road No.3, Ravishankar Road, Bhopal –462016.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 110032.
3. Shri J. K. Vyas, Director (Environment), Forests & Environment Department, Government of Gujarat, Block No.14, 8th Floor, Sachivalaya, Gandhinagar – 382010.
4. DIG (SU), Regional Office Cell, Ministry of Environment & Forests, New Delhi.
5. The Chairman, Gujarat State Pollution Control Board, Paryavaran Bhavan, Sector-10A, Gandhinagar-382 010.
6. Guard File.
7. Monitoring Cell
8. Director (EI), Ministry of Environment & Forests, New Delhi.

(A. Senthil Vel)
Joint Director

Gujarat Pollution Control Board
Paryavaran Bhavan, Sector 10 A, Gandhinagar 382010.
Phone: 23222756, 23222005, Fax: 23232156, CLEANWATER
e-mail: gpcb@gpcb.gov.in

NO:PC/NOC/BRCH-2430/

SUB : NO OBJECTION CERTIFICATE.
REF : Your NOC application No.1174, and your letter No.GIDC/XEN/BRH/754, dated 24/5/2002

Sir,

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board has No Objection for laying effluent pipeline from GIDC Vilayat & Dahej to Gulf of Khambhat for conveyance of treated effluent into deep Sea through a marine outfall subject to following conditions

SUBJECT TO THE FOLLOWING CONDITIONS :

1. a) The quantity of the effluent from Vilayat - 25 MLD
   b) The quantity of the effluent from Dahej - 40 MLD

   at present = 65 MLD + 25 MLD future i.e. Total effluent quantity shall be 90 MLD.

2. The Pipe line shall be 52.5 Kms (39 Kms + 9 Kms + 4.5 Kms) Long with off shore pipeline 4.5 Kms long & diffuser at LAT 21° 39' 26" N & LONG 72° 29' 50" E in coastal waters off Luvara as per Rapid Marine EIA due to release of GIDC effluent in Coastal water off Dahej prepared by EIC, GPCB.

3. Clearance from MoEF, Government of India is to be submitted to Gujarat Pollution Control Board for the forest area falling in route of pipeline before commencement of laying of pipeline.

4. Certificate of Master consultant regarding BAT (Best Available Technology) for dispersion system to be submitted.

5. Detailed operational scheme to be submitted to Board before consent alongwith Disaster Management Plan.

6. Scheme (FETP) to ensure that Gujarat Pollution Control Board norms are complied at inlet of pipeline by treated wastewater to be conveyed.

7. The Industrial effluent shall conform to the following standards :

PARAMETERS	PERMISSIBLE LIMIT
pH	5.5 to 9
Temperature	45°C at the point of discharge
Colour & odour	All efforts shall be made to remove colour & unpleasant odour as far as practicable
Suspended Solids	100 mg/l

ATTESTED
Executive Magistrate
BHARUCH

Particulate size of suspended solids	(a) Floatable solids max., 3 mm (b) Settleable solids max.. 850 microns
Oil and Grease	20 mg/l
Fluorides	15 mg/l
Sulphides	5 mg/l
Pesticides	Absent
Ammonical Nitrogen	50 mg/l
Total Kjeldahl nitrogen	100 mg/l
Free ammonia [as NH_3]	5 mg/l
Copper	3 mg/l
Zinc	15 mg/l
BOD (5 days at 20 ^{0}C)	100 mg/l
COD	250 mg/l
Total residual chlorine	1.0 mg/l
Arsenic(as As)	0.2 mg/l
Mercury(as Hg)	0.01 mg/l
Lead (as Pb)	1 mg/l
Cadmium (as Cd)	2 mg/l
Hexavalent Chromium(Cr +6)	1 mg/l
Total Chromium(as Cr)	2 mg/l
Nickel	5 mg/l
Cyanide(as CN)	0.2 mg/l
Phenolic Compounds(as C6H5OH)	5 mg/l
Selenium [as Se]	0.05 mg/l
Manganese [as Mn]	2 mg/l
Iron [as Fe]	3 mg/l
Vanadium [as V]	0.2 mg/l
Nitrate Nitrogen	20 mg/l
Bio-assay test	90% Survival of fish after 96 hrs in 100% effluent.

8. 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 by this order are complied with by the pipeline while causing discharge of effluent, the applicant shall have to submit every month the analysis report of the samples of effluent got collected and analysed by one of the laboratories recognised by the State Board.

9. GIDC shall be totally responsible for collection of treated effluent from the GIDC estates of Vilayat & Dahej & subsequent conveyance of the collected effluent upto the Marine outfall.

10. Collection of treated effluent from the GIDC estates of Vilayat & Dahej & subsequent conveyance of the collected effluent upto the final outlet shall be through closed pipeline.

11. Regular maintenance of the pipeline shall be carried out to avoid any spillage or leakage during conveyance of the effluent.

llution Control Board
n, Sector-10-A, Gandhinagar-382010.
. 3222995; 3222096 Gram: CLEANWATER
/156

12. GIDC shall keep accurate records of their member units in respect of quantity of each product manufactured, quantity of water consumption, quantity of effluent discharged to and consumption of electricity on day to day basis and shall be required to submit the compiled record for each month to GPCB on or before seventh day of the succeeding month. Separate logbooks shall be maintained for recording all the necessary data.

13. GIDC shall have to arrange for the staff to be provided with face shield gas mask, hand gloves , gum boots , Helmet of green Colour having logo of GIDC and adequate training for operation of pipeline.

14. Magnetic flow meters shall be installed at the various stages of inlet & outlet of pipeline to measure the quantity of effluent at each stage of conveyance.

15. GIDC shall instruct & make sure that every member shall make storage facilities to store the effluent for atleast 48 hours in an impervious acid proof brick lining tank / HDPE tank.

16. GIDC shall instruct & make sure that every member provides on-line pH meter with recorder & magnetic flow meters for flow measurement of treated waste water same shall be provided at the pipeline inlet.

17. GIDC shall constitute a monitoring committee for monitoring of the effluent discharged by its members in the pipeline.

18. In case of power failure , stand-by D.G. set having power generation capacity equivalent to the requirement of power to run the pipeline conveyance system shall be installed , so that it shall always be operated round the clock even in case of power failure also.

19. The Final effluent treatment plant [FETP] shall be provided with on-line monitoring instruments alongwith SCADA system & pH actuated valve at the final sump. Furthermore a third party monitoring shall be conducted regularly.

20. GIDC shall provide Impervious tanks/ HDPE tanks /Impervious guard ponds to hold effluent for atleast 48 hours but shall never discharge any untreated effluent in to the environment. In the case of either maintenance of the FETP or process disturbances, effluent not complying with the marine disposal norms shall be stored & further reprocessed in the treatment plant before final discharge

21. GIDC shall inform immediately to the GPCB regarding the termination/suspension of the membership of their member unit ,if any.

22. GIDC shall have only one outlet for the discharge of its effluent and no effluent shall be discharged without requisite treatment and without meeting with the GPCB norms. Convenient easy approach shall be provided at the outlet for ease of sampling. The unit shall not keep any bypass line or system, or loose or flexible pipe for discharging effluent outside or even within the effluent treatment plant.

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23. GIDC shall submit, to the GPCB the site plan of the unit indicating the location of the effluent treatment plants, and also a separate plan indicating the channel through which water / effluent passes from different stages of effluent treatment process right upto the stage of its final outlet. Such plan shall also be displayed by the unit on a Board of adequate size within its compound and near its effluent treatment plant.

24. The ground water quality around the impervious guard ponds shall be monitored regularly & data shall be submitted to the Board once in six months and shall also comply with the instruction of GPCB in case of deterioration.

25. Handling, manufacturing, storage and transport of hazardous chemicals shall be in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989.

26. Transportation of effluent, solid waste or any other goods pertaining to treatment activities, shall be carried out as per central Motor Vehicle Rule-1989.

27. The hazardous wastes shall be handled as per the Hazardous Waste (Management and Handling) Rules of the Environment (Protection) Act, 1986

28. On site and off site emergency plan as required under the Rules 13 & 14 of handling, manufacturing ,storage and import of the Hazardous chemicals Rules, 1989 shall be prepared and approval from the Board shall be obtained.

30. Periodic medical checkup of the workers shall be done and records maintained as a measure to provide occupational health protection to the workers.

31. GIDC shall provide state of the art composite samplers & set up testing laboratory facilities for collection, analysis of samples under the supervision of competent technical personnel who shall report to the chief executive.

32. The Environmental Management Unit / Cell shall be setup to ensure implementation and monitoring of environmental safe guards and other conditions stipulated by statutory authorities. The Environmental Management Unit / Cell shall directly report to the Chief Executive of the organization and shall works as a focal point for internalizing environmental issues. These Cells /Units shall also coordinate the exercise of the environmental audit and preparation of the environmental statements.

33. The Environmental audit shall be carried out yearly and the environmental statements pertaining to the previous year shall be submitted to the GPCB latest by 30th September every year.

34. Storm water shall not be mixed with the industrial effluent. Disposal system for storm water shall be provided separately.

35. Good house keeping shall be maintained within the premises. All pipes, valves and drains shall be leak proof. Floor washings shall be admitted in to the effluent collection system for subsequent treatment and disposal.

36. GIDC shall intimate the occurrence of any accident , event resulting in discharge of poisonous, noxious or polluting matter or the likely hood of the same into a stream or well to the Regional Office under the intimation to the Member Secretary in accordance with the Section 31(1) of the Water Act.

37. The pipeline to be laid shall comply with all seismic design parameters based on the guidelines for the seismic design of pipelines systems. This must be complied in right perspective & true spirit.

38. The impact during the pipelaying phase [mainly trenching and sub sea pipelaying for a streich of 11 km off Kantiajal] as well as the impact during the operational on the marine ecology of the Gulf shall be minimal

39. The effluent release shall be through an adequately designed multiport submerged diffuser to achieve characteristic dilution of at least 70 times during spring low water and times during spring high water for quick dispersion for which diffuser having ports discharging at an angle of 45° with jet velocity shall be provided to minimise adverse impact on the Gulf ecology as per the NIO report .

40. The onshore pipeline shall be adequately buried to a safer depth after making a trench along the proposed route. The trench shall be back filed later.

41. The effluent pipeline shall be buried below the scour level in the intertidal area as well as at least upto the breaker zone in the subtidal segment as recommended by NIO.

42. The pipeline shall be buried in the intertidal area alongwith anchoring using concrete blocks in the subtidal zone. Entire pipelaying operation shall be confied to the narrow corridor of about 10 m width, with dredged spoil side cast at an adequate distance on either sides of the trench. The excavation and displacement of bed material over a 50 m width in the near-shore area shall be back field later. The effluent pipelines shall be buried to a safe depth along the intertidal segment and the depth of burial shall be ascertained through reliable post-lay surveys to guarantee its safety. The anchoring system for the sub-sea pipeline shall be carefully evaluated considering probable scour likely to be caused due to strong tidal currents. Likewise factors like severe cyclones (wind sped 100-150 km/h) shall be taken into account while designing the pipeline.

43. The subtidal segment of the pipeline shall be laid on the seabed and the seabed contours shall be maintained after the pipeline is laid.

44. Considering strong currents and prevailing movement of the bed material, the pipeline anchoring system shall be carefully designed. Moreover, there being a distinct possibility of scouring under the pipeline leading to spanning and ultimate rupture adequate protection for the same shall be incorporated in the design.

45 The sub-sea pipeline shall be designed in such a way so as to incur minimal damage in case of any unforeseen accidents like grounding of a ship, undetected corrosion, fatigue, instability of substratum, natural calamities like cyclone, earthquake etc. and intentional third party interference.

46. As nearashore current components being strong towards the shore, there being chances of effluent spreading along the shore and contaminating a large stretch of intertidal segments in the event of damage to the pipeline occuring within 10 m depth contour & subsequently contaminating stretch of the shoreline between Narmada and Kim River. Hence care shall be taken to ascertain that there is no damage to the pipeline & minimal impact on the nearshore marine ecology in the event of effluent disposal trough the damaged pipeline

47. Internationally accepted codes and practices shall be followed through proper inspection, frequent evaluation and intensive testing of all critical components of the pipeline system. Similarly, the vulnerable units such as flanges, couplings, joints etc. shall be rigorously tested and certified for their reliability and safety over the design life of the pipeline.

48. Due care shall be taken to minimise damage to marine ecology due to improper design, lack of maintenance, faulty operation and release into shallow waters due to unforeseen accidents.

49. The entire pipeline shall be protected from external corrosion.

50. Pretreatment to the pipes such as coating, concreting etc. and other fabrication jobs shall be undertaken in a yard on land located sufficiently away from the CRZ and the transfer of materials to the site shall be through a predecided corridor. Similarly, the movement of construction barges, machinery etc. shall be restricted to the predecided operational area. However, the region shall not be crowded with too many vessels and construction machinery to avoid accidents and subsequent spillages of materials and fuel.

51. Temporary colonies of the work force involved in the pipelaying phase shall be established sufficiently away from HTL and proper sanitation including toilets and bathrooms shall be provided to the inhabitants to prevent abuse of the intertidal area.

52. After completion of the job work , the intertidal and supratidal area shall be restored to their original contours after the pipe-laying activities are completed. General clean-up along the corridor, adjacent area and internal and subtidal regions shall be taken-up and extraneous materials such as drums, sacks, metal scrap, topes, ecess sediment, make shift huts and cabins shall have to be cleared from the site.

53. Training for work safety and efficiency shall be imparted to the operations personnel for day-to-day operations as well as handling emergency situations.

arat Pollution Control Board
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Phone : 3222756, 3222095, 3222006 Gram : CLEANWATER
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54. It shall be ensured that valves, pumps, sub-sea pipeline, MOF system etc. are periodically inspected for their integrity and to guarantee their proper functioning. Accurate records of all inspections, unusual findings, actions taken etc. shall be strictly maintained as a part of the overall record system.

55. As the region falls under the navigational route of the Gulf & may experience an increase in sea traffic in future location of the diffuser (MOF) shall be prominently displayed by a suitably designed lighted marker buoy to avoid chances of collisions / accidents.

56. A comprehensive marine and estuarine quality monitoring programme shall be implemented as recommended in the NIO report.

57. Pump station, seafloor stability, navigational aids, pipelines, diffusers, valves etc. shall be regularly inspected as per standard codes and practices. Records of all inspections, unusual findings, actions taken etc. shall be maintained properly.

58. The efficiency of the marine outfall [diffuser]shall be ascertained periodically through tracer studies. The efficiency of the diffuser shall be ascertained regularly alongwith cleaning of the diffusers & port openings for biofoulers and sediment that might settle inside.

59. For efficient operation of pipeline supervisory control and data acquisition (SCADA) shall be employed to facilitate instant data acquisition, visual display and remote control. These supervisory systems shall also facilitate continuous monitoring of various parameters like pressure, temperature leakage detection and automatic / remote shut down of the valves in case of emergency.

60. Control rooms equipped with SCADA computers, wireless system, telephone system, emergency vehicle, shall be provided. The control room will be manned fro 24 hours round the clock.

61. Isolation valves shall be provided on the pipeline for better monitoring and control of flow operation.

62. Necessary clearances for the adequacy & safety measures shall be obtained from the concerned authority.

63. GIDC shall comply with the provisions of all the laws of land including safety, disaster management .

64. GIDC shall submit regular progress reports to the Gujarat Pollution Control Board and other concerned authorities regarding the construction, progress, commissioning and operation of the pipeline.

65. Issuance of this certificate is subject to Coastal Regulation Zone [CRZ] clearance from Ministry of Environment & Forests, Government of India, New Delhi.

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avaran Bhavan, Sector-10-A, Gandhinagar 382010.
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66. 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.

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

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

69. 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 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.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD
Yours faithfully,

(R.G.SHAH)
ENVIRONMENTAL ENGINEER

NO:PC/NOC/BRCH-2430/ 32367 22 OCT 2002

ISSUED TO :
M/s. G.I.D.C., (DAHEJ VILAYAT DEVELOPMENT CELL),
NARMADA COMMERCIAL COMPLEX, 1st FLOOR,
STATION RTOAD, PANCH BHATTI,
BHARUCH : 392001.

Annexure-VII

- Copy of Consolidated Consent and Authorization and its compliance report.

GPCB

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

BY R.P.A.D

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

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

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

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

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

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

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

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

3. **SPECIFIC CONDITIONS:-**

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

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

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

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

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

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

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

4. CONDITIONS UNDER WATER ACT:

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

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

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

5. CONDITIONS UNDER THE AIR ACT:

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

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

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

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

GPCB

GUJARAT POLLUTION CONTROL BOARD
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Sector-10-A, **Gandhinagar** 382 010
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(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 0I Hourly monitored values, as applicable, shall be complied with 98% of the time in a year, 2% of the time; they may exceed the limits but not on two consecutive days of monitoring.

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

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

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

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

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

6 **GENERAL CONDITIONS:**

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

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

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

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

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

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

For and on behalf of
Gujarat Pollution Control Board

(A. V. Shah)
Sr. Environmental engineer

COMPLIANCE REPORT OF CONSENT TO RENEWAL

For Water (Prevention and Control of Pollution) Amendment Act –1974, Air (Prevention and Control of Pollution) Amendment Act – 1981:

LIST OF PRODUCTS & PRODUCTION CAPACITY PER YEAR AS PER CONSET TO RENEWAL:

<table>
<tr><td colspan="3">Compliance of conditions under Water Act :
Order Ref. No.: AWH-104709, Date- 22/10/2019</td></tr>
<tr><td>Sr. No.</td><td>CONDITION</td><td>COMPLIANCE REPORT</td></tr>
<tr><td>1.</td><td>This consent is valid up to</td><td>04/08/2024</td></tr>
<tr><td>3.</td><td colspan="2">SPECIFIC CONDITIONS:</td></tr>
<tr><td>3.1</td><td>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.</td><td>DSL is strictly comply/Fulfill the given conditions of EC OF DAHEJ SEZ, issued vide NO-21-1084 12007-IA.III DATED 17/03/2010.</td></tr>
<tr><td>3.2</td><td>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.</td><td>DSL is 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.</td></tr>
<tr><td>3.3</td><td>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 and recording the quantity of water consumed at such places as may be required.</td><td>We do comply with this condition</td></tr>
<tr><td>3.4</td><td>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.</td><td>We do comply with this condition</td></tr>
<tr><td>3.5</td><td>Adequate measures shall be taken to control odour problem from STP lother ancillary operations.</td><td>DSL has installed STP as per requirement and reuses / recycled sewage water for plantation.</td></tr>
<tr><td>3.6</td><td>Applicant shall ensured & undertaken on Rs. 100 stamp paper that it has no outlet in GIDC U /G drain.</td><td>DSL is ensured & undertaken on Rs. 100 stamp paper that it has no outlet in GIDC U /G drain.</td></tr>
<tr><td>3.7</td><td>Applicant shall strictly / fulfill the condition given in NOC (CTE) issued vide letter no: GPCB/BRCH/NOC-3633/27240 dated: 22/09/2008.</td><td>DSL is strictly / fulfill the condition given in NOC (CTE) issued vide letter no: GPCB/BRCH/NOC-3633/27240 dated: 22/09/2008.</td></tr>
<tr><td>4.</td><td colspan="2">CONDTIONS UNDER WATER ACT:</td></tr>
<tr><td>4.1</td><td>The domestic effluent generation from SEZ shall not exceed 80 KL/day.</td><td>The domestic effluent generation from SEZ will not exceed 80 KL/day.</td></tr>
<tr><td>4.2</td><td>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.
<table><tr><td>BOD (5 days at 20^0C)</td><td>Less than 20 mg/l</td></tr><tr><td>Suspended Solids</td><td>Less than 30 mg/l</td></tr></table></td><td>Sewage treated in sewage treatment plant as per GPCB standards and will use the treated waste water for flushing of toilets, horticulture and HVAC purposes, in that order.</td></tr>
</table>

<table>
<tr><td></td><td><table><tr><td>Residual Chlorine</td><td>Minimum 0.5 ppm</td></tr></table></td><td></td></tr>
<tr><td>5.</td><td colspan="2">CONDITIONS UDNER THE AIR ACT:</td></tr>
<tr><td>5.1</td><td>The following shall be used in D.G.Set.<table><tr><th>Sr.No.</th><th>Fuel</th><th>Quantity</th></tr><tr><td>1.</td><td>Diesel</td><td>40 lit/hr</td></tr></table></td><td>DSL has used only low sulphur diesel type to run diesel generator sets during Operation phase to follow the Environment (Protection) rules prescribed for air and noise emission standards.</td></tr>
<tr><td>5.2</td><td>The flue gas emission through stack attached to D.G. Set shall conform to the following standards:-<table><tr><th>Stack No.</th><th>Stack attached to</th><th>Stack height (m)</th><th>APC M</th><th>Parameter</th><th>Permissible Limit</th></tr><tr><td>1.</td><td>D.G. Set (62.5 KVA)</td><td>11</td><td>-</td><td>Particulate matter SO2 NOX</td><td>150 mg/Nm^3 100 ppm 50 ppm</td></tr></table></td><td>DSL will use D.G. Sets as a source of backup power during operation phase.
The height of stack of DG sets is calculated and established to the height needed for the combined capacity of all proposed DG sets.
DSL has used only low sulphur diesel type to run diesel generator sets during Operation phase to follow the Environment (Protection) rules prescribed for air and noise emission standards.</td></tr>
<tr><td>5.3</td><td>The applicant shall install and operate a comprehensive adequate air pollution control measures in order to achieve prescribed standards.</td><td>We do comply with this condition.</td></tr>
<tr><td>5.4</td><td>There shall be no process emission from the manufacturing process as well as any other ancillary operation.</td><td>There is no process emission.</td></tr>
<tr><td>5.5</td><td>Ambient air quality within the premises of the industry shall conform to the following standards:<table><tr><th>PARAMETER</th><th>PERMISSIBLE LIMIT</th></tr><tr><td>Suspended Particulate Matter (size less than 10um) or</td><td>PM10 100 microgram per cubic meter ug/m3**</td></tr><tr><td>Suspended Particulate Matter (size less than 2.5um) or PM2.5</td><td>60 microgram per cubic meter ug/m3**</td></tr><tr><td>Oxides of Sulphur**</td><td>80 microgram per cubic meter</td></tr><tr><td>Oxides of Nitrogen**</td><td>80 microgram per cubic meter</td></tr></table>** 24 hourly or 08 hourly or 0I Hourly monitored values, as applicable, shall be complied with 98% of the time in a year, 2% of the time; they may exceed the limits but not on two consecutive days of monitoring.
Note: Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to Institute regular or continuous monitoring and further investigation.</td><td>We do comply with this condition.</td></tr>
<tr><td>5.6</td><td>The applicant shall operate industrial plant I air pollution control equipment very efficiently and continuously of that the gaseous emission always conforms to the given standards.</td><td>We do comply with this condition.</td></tr>
<tr><td>5.7</td><td>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</td><td>We do comply with this condition.</td></tr>
</table>

	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.	We have provide portholes, ladder, platform etc. at chimney(s) for monitoring the air emissions and the same has been open for inspection to/ and for use of Board's staff. The chimney(s) vent attached to various sources of emission has been designed by number such as S-1, S-2, etc. and painted / displayed to facilitate identification.
5.9	All measure for the control of environment pollution shall be provided before commencing production.	We have provided all measure for the control of environment pollution.
6.	**GENERAL CONDITIONS:**	
6.1	Any change in personnel, equipment or working conditions as mentioned in the consents Form/order should immediately be intimated to this Board.	Any change in personnel, equipment or working conditions as mentioned in the consents form/order we will 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.	We do comply with this condition.
6.3	There shall be continuous flow recording device 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.	We do comply with this condition.
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 fir at any later date taking into consideration the circumstances, in accordance with Section 27 of the Act.	We do comply with this condition.
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 by intimated to the GPCB.	In case of change of management the name and address of the new Directors we will immediately by intimated to the GPCB.
6.6	The consent granted shall lapse at any time if any parameters of any condition of this consent order are not complied with.	We agree with this condition.

For M/s Dahej sez ltd