

O/C

adani

Ports and
Logistics

DPCL/ENV/OSPCB/2019-105

26.09.2019

To
The Member Secretary
State Pollution Control Board, Odisha
A/118, Nilakantha Nagar, Unit -VIII,
Bhubaneswar - 751012

Dear Sir,

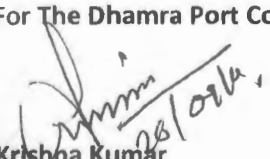
**Sub: Environmental Statement for the financial year ending 31st March, 2019 for
M/s The Dhamra Port Company Limited.**

Ref: Consent Order No. 12090/IND-I-CON-6348 dated 13.09.2017

With reference to the above mentioned subject, please find enclosed Environmental Statement in Form V prescribed under Rule 14 of the Environment (Protection) Rules 1986, for M/s The Dhamra Port Company Limited for the financial year ending 31st March 2019.

Thanking you,

Yours faithfully,
For The Dhamra Port Company Limited


Krishna Kumar
Head Environment

Encl: As above.

Copy to: The Regional Officer,
State Pollution Control Board, Odisha
Plot no. -1602, Ganeshwarpur,
Janaganj, Balasore - 756019



The Dhamra Port Company Ltd
(A Wholly Owned Subsidiary of APSEZL)
At: Dosinga, PO: Dhamra
Bhadrak 756 171
Odisha, India
CIN: U45205OR1998PLC005448

Tel +91 674 230 4500
Fax +91 674 230 3828
info@adani.com
www.adaniports.com

Registered Office: HIG-20, BDA Colony, Jayadev Vihar, Bhubaneswar 751 013, Odisha, India

Environment Statement for 2018-19

FORM V
(See Rule 14)

Environmental Statement for the Financial Year ending 31st March 2019

PART – A

- (i) Name and address of the Owner/
Occupier of the Industry Operation
or Process : Subrat Tripathy
Chief Executive Officer
M/s The Dhamra Port Company Limited
Village-Dosinga, Po.-Dhamra, Dist-Bhadrak
Odisha - 756171
- (ii) Industry Category : Red-B
Primary (STC Code) NA
Secondary (STC Code) NA
- (iii) Production Capacity : 71.84 Million MT/Annum Cargo & 1 Million
TEU/Annum Containerized Cargo
- (iv) Year of Establishment : 2000
- (v) Date of last Environment Statement
submitted : 19th September, 2018

PART – B

Water and Raw Material Consumption

(i) Water Consumption

Water Consumption Cu. Mtr./Day	
Process	Nil
Cooling	Nil
Domestic	448.68 m ³ /day
Dust suppression	1131.04 m ³ /day
Fire fighting	597.47 m ³ /day

Name of Products	Process Water Consumption per unit of Product Output	
	During the current financial year (2017-18)	During the current financial year (2018-19)
Handling of Iron Ore, Coal, Limestone*	0.027 m ³ /Ton	0.031 m ³ /Ton

Environment Statement for 2018-19

(ii) Raw Material Consumption

Name of Raw Material	Name of Products	Consumption of Raw Material per Unit of output	
		During the previous financial year (2017-18)	During the current financial year (2018-19)
NIL*	Not Applicable	Nil	Nil

* Unit does not have any manufacturing process

PART – C

Pollutants discharged to Environment/Unit of Output
(Parameters as specified in consent issued)

Pollutants	Quantity of pollutants discharged (Mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
(a) Water			Nil*
(b) Air			Monitoring data attached as Annexure-1

*Unit does not manufacture anything, as it is a service industry (Port) engaged in handling and storage of cargo. No effluents are generated from the port. Treated water from the STP is used for horticulture purposes.

PART – D

Hazardous Wastes

(As specified under Hazardous Wastes Management and Handling Rules 1989)

Hazardous Wastes	Total Quantity	
	During the previous financial year (2017-18)	During the current financial year (2018-19)
(a) From Process Used oil /Spent oil	6.068 KL	21.607 KL
(b) From Process Waste Oil (Cargo residue, washing water and sludge/ Ballast water containing oil from ship)	Nil <small>(Note: Included in Hazardous Waste Authorization from August 2018)</small>	213.0 KL
(c) From Process Waste, residue containing oil / Cargo residue & Sludge containing chemicals/ Sludge & Filters contaminated with oil	0.683 MT	0.823 MT
(d) From Pollution Control facilities	Nil	Nil

Environment Statement for 2018-19

PART – E

Solid Waste

Solid Waste	Total Quantity Generated (MT/Annum)	
	During the previous financial year (2017-18)	During the current financial year (2018-19)
(a) From Process (Ash)	Nil	Nil
(b) From Pollution Control facilities	2.075 MT/Annum	2.890 MT/Annum
(C-1) Quantity recycled or reutilized within the unit	2.075 MT/Annum	2.890 MT/Annum
(C-2) Sold	Nil	Nil
(C-3) Disposed	Nil	Nil

PART - F

Please specify the characterization (in terms of Composition and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:

Hazardous Waste			
Sl. No	Name of waste	Generation quantity	Disposal method
1	Used oil /Spent Oil	21.607 KL	Sold to Authorized Recyclers /Reprocessors
2	Waste Oil (Cargo residue, washing water and sludge/ Ballast water containing oil from ship)	213.0 KL	Sold to Authorized Recyclers /Reprocessors
3	Waste, residue containing oil / Cargo residue & Sludge containing chemicals/ Sludge & Filters contaminated with oil	0.823 MT	ACC for co-processing /energy recovery/Stored in HW Shed

DPCL has got the authorization from OSPCB vide letter no. IND-IV-HW-894/9967 on dated 24.08.2018 for handling of hazardous waste like Used oil/Spent oil, Waste oil (Cargo residue, washing water and sludge/ Ballast water containing oil from ship) and Waste, residue containing oil / Cargo residue & Sludge containing chemicals/ Sludge & Filters contaminated with oil valid till 31.03.2020.

Environment Statement for 2018-19

Solid Waste			
Sl. No	Name of waste	Generation quantity	Disposal method
1	Paper waste	15.427 MT	Recycled for making note pad through third party recycler
2	Plastic waste	21.226 MT	Sent to M/s ACC for co-processing/energy recovery
3	Glass Waste	3.258 MT	Sold to scrap vendor for recycling.
4	Food waste	198.213 MT	Used for making compost for horticulture use.
5	STP Sludge	2.890 MT	Used as manure in horticulture work
6	Wooden Waste	0.400 MT	Reused in in-house construction work

PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production

- DPCL has two nos. of Sewage Treatment Plant (STP) of capacity 140 KLD & 15 KLD each, so as to handle sewage generated from port & township. The STP treated water is being used for horticulture and gardening purpose.
- Two no's of settling ponds have been constructed to treat the water from the port area. In settling ponds, the suspended materials (coal and iron fines) will be arrested and treated water is used for dust suppression purpose.
- 2 nos of mechanized road sweeping machine has been deployed for cleaning of road.
- Regular monitoring of Ambient Air Quality by a MOEFCC accredited agency to meet the prescribed standard by concerned authority.
- Green belt has been developed inside & outside of the port.
- During the financial year 2018-19, the total amount of Rs. 9.34 Crores was incurred on environmental protection measures.
- 50 KLD capacity of rain water harvesting structure has been developed for reutilization of rain water in plantation purpose.
- Trawler has been provided to Forest Department, Govt. of Odisha for patrolling purpose for conservation of Olive Ridley turtle.

Environment Statement for 2018-19

PART – H

Additional measures /investment/ proposal for environmental protection including abatement of pollution, prevention of pollution.

- Green belt has been developed inside the port premises and along the Rail /Road corridor of 62 km length. Strip plantation on both the edges of railway corridor has been taken up and 2,16,000 plants till date have been planted along the north & south edges of the corridor till date. Plantation of suitable species has been taken up in and around the port area and admin/Residential area with effect from 2010 & is continuing. So far 51,321 plants suitable for the site have been planted at Port site apart from the rail road corridor plantation mentioned above.
- 21,120 no's of plantation have been done in nearby village area & 1,000 nos. of avenue plantation has been done.
- We are also conserving the natural patch of mangrove situated at south side of our port premises by bamboo fencing within area of 9 ha. We have also developed a nursery with massive numbers of mangrove sapling.
- Use of high pressure rain guns to reduce the fugitive emission from stack yards
- Use of Dust Suppression System (DSS) in conveyor line
- Use of fogging system in wagon tippler
- Use of water sprinkling tanker
- Use of mobile dust buster machine for reducing the fugitive emission
- Dedicated team for doing housekeeping work
- Use of tarpaulin cover on stack yard and transporting wagon
- Use of closed conveyor system in entire port
- All conveyor transfer points are closed in nature
- Use of hopper for unloading of materials from vessels. Dust suppression system is installed in unloading hoppers
- Periodic maintenance of dust suppression equipment's for better performance and efficiency.
- Use of mechanized road sweeping machine for cleaning the roads
- Development of multilayer plantation in various locations.

PART – I

Any other particulars for improving the quality of environment:

- Dhamra Port committed to promote a culture seeking continual improvement in Environment performance of the organization.
- Dhamra Port emphasizes on implementing Environment Management System to optimize its resource consumption, improve efficiencies, reduce wastes by adopting 5R principles, enhance operational safety to minimize environmental risks. The environmental concerns are considered and addressed adequately during planning, project development and operations.

The Dhamra Port Company Limited

Environment Statement for 2018-19

- Specialized illumination system in line with “International Dark Sky Association (IDA)” has been installed to avoid illuminating the sky or focusing light towards sea. Sodium vapour lamps are being used instead of mercury lamp. All area lighting, roadway lighting and lighting mounted on masts or other elevated structures are of full cutoff luminaries.
- Deflectors are installed on drag-head of dredgers to keep turtles out of path of dredger. Screens are also installed in inflow/overflow pipes of dredgers to monitor turtle entrainment. There are observers on Dredgers to ensure implementation of IUCN Dredging Protocol.
- DPCL has made an effective contribution towards Environment Protection, management and conservation during this year.
- Under the inspiration of Prime Minister’s Clean India Mission, APSEZ has developed a vision for making itself – “A Zero Waste Company” by the year 2020. APSEZ’s vision is based on adoption of 5 R’s principle of waste management, i.e Reduce, Reuse, Reprocess, Recycle & Recover.
- 100 % waste water generated is being reused and recycled.
- Waste camps are being organized in township for collection of waste materials from township residents so as to collect other waste apart from garbage. The main intention is to make the area waste free and for creating awareness among resident.
- DPCL believe in sustainable development and are working in close harmony of biodiversity rich area. We are regularly monitoring our foot prints on environment.
- Adopted the 5Rs principle in our port premises
- Achieved Zero discharge of waste water.
- Achieved Zero Plastic used inside our Port Premises.
- Waste paper Recycling
- Use of Eco- Friendly which is made of waste paper.
- Roof top Solar power generation – 4.0 MWp

Date : 26-09-2019

(Signature of a person carrying out an industry,
operation or process)

Name : Krishna Kumar

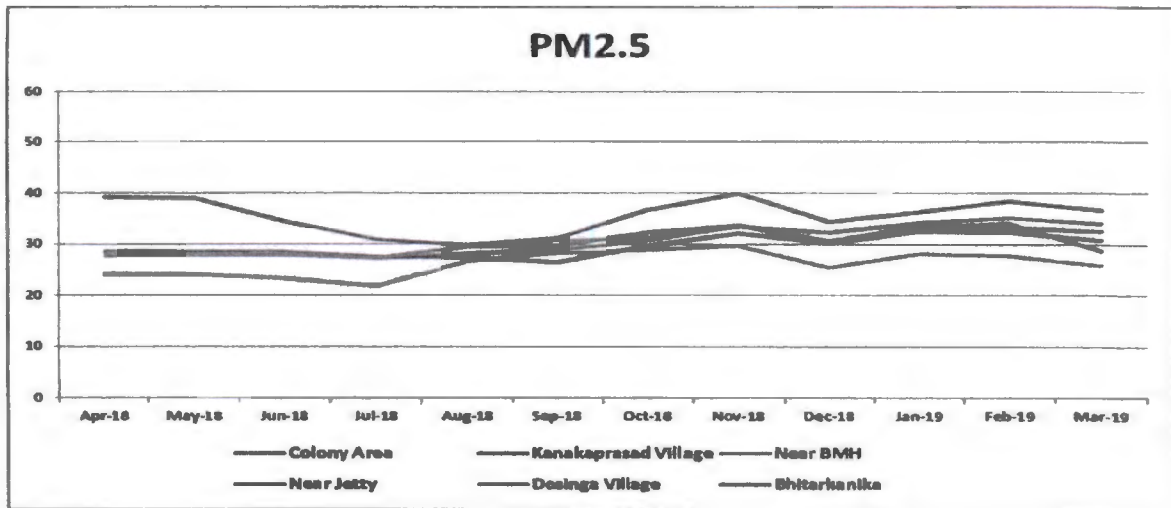
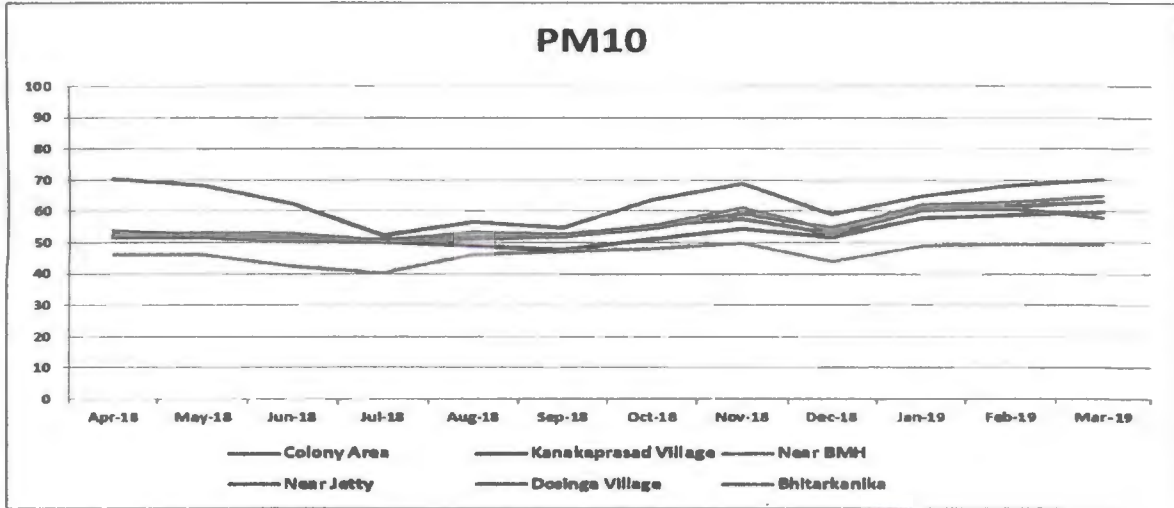
Designation : Head Environment

Address : M/s The Dhamra Port Company Limited
Village-Dosinga, Po. Dhamra,

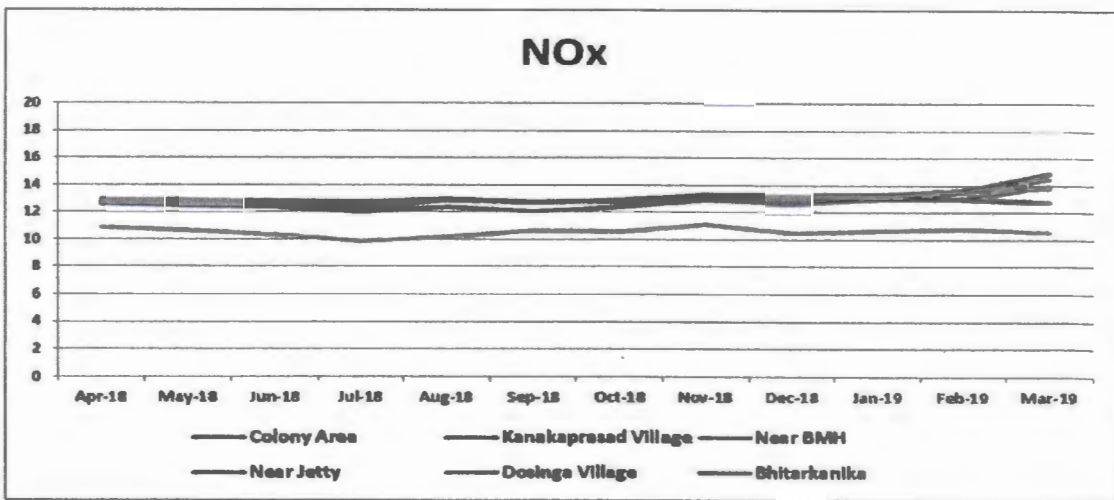
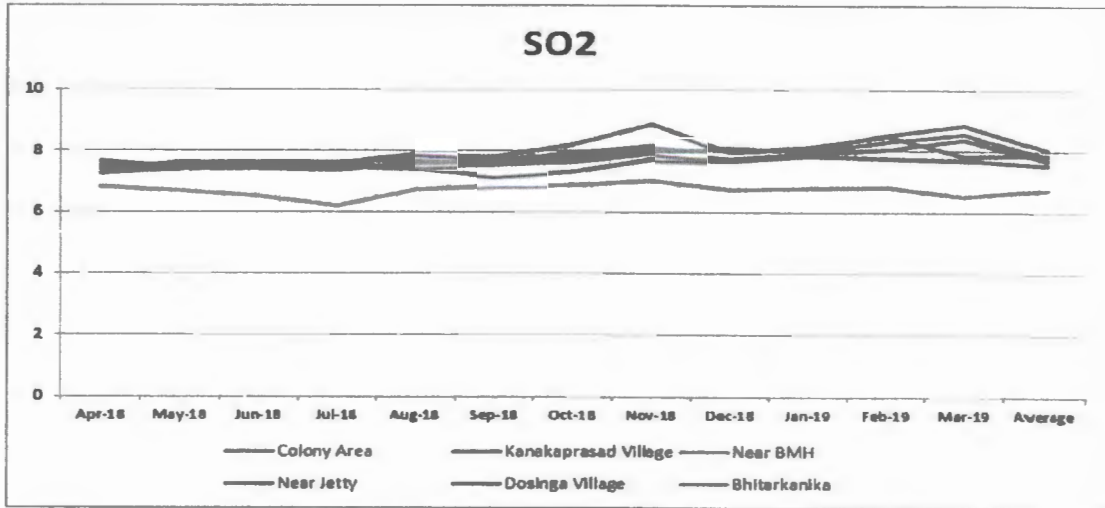
Dist-Bhadrak, Odisha

Environment Statement for 2018-19

Annexure 1



Environment Statement for 2018-19



Environment Statement for 2018-19

