



Ports and  
Logistics

DPCL/ENV/OSPCB/2020-91

21.09.2020

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

Dear Sir,

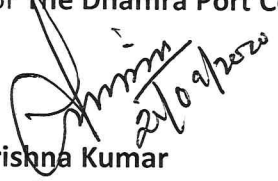
**Sub: Environmental Statement for the financial year ending 31<sup>st</sup> March 2020 for  
M/s The Dhamra Port Company Limited.**

**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 of M/s The Dhamra Port Company Limited for the financial year ending 31<sup>st</sup> March 2020.

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,  
Januganj, Balasore - 756019

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

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**FORM V**  
(See Rule 14)

**Environmental Statement for the Financial Year ending 31<sup>st</sup> March 2020**

**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 : 26<sup>th</sup> September, 2019

**PART – B**

**Water and Raw Material Consumption**

**(i) Water Consumption**

Water Consumption Cu. Mtr./Day	
Process	Nil
Cooling	Nil
Domestic	439.760 m <sup>3</sup> /day
Dust suppression	2206.323 m <sup>3</sup> /day
Fire fighting	659.645 m <sup>3</sup> /day

Name of Products	Process Water Consumption per unit of Product Output	
	During the current financial year (2018-19)	During the current financial year (2019-20)
Handling of Iron Ore, Coal, Limestone*	0.031 m <sup>3</sup> /Ton	0.035 m <sup>3</sup> /Ton

**(ii) Raw Material Consumption**

Name of Raw Material	Name of Products	Consumption of Raw Material per Unit of output	
		During the previous financial year (2018-19)	During the current financial year (2019-20)
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 (2018-19)	During the current financial year (2019-20)
(a) From Process <b>Used oil /Spent oil</b>	21.607 KL	24.096 KL
(b) From Process <b>Waste Oil</b> (Cargo residue, washing water and sludge/ Ballast water containing oil from ship)	213.0 KL	896.250 KL
(c) From Process <b>Waste, residue containing oil / Cargo residue &amp; Sludge containing chemicals/ Sludge &amp; Filters contaminated with oil</b>	0.823 MT	1.154 MT
(d) From Pollution Control facilities	Nil	Nil

**PART – E**

**Solid Waste**

Solid Waste	Total Quantity Generated (MT/Annum)	
	During the previous financial year (2018-19)	During the current financial year (2019-20)
(a) From Process (Ash)	Nil	Nil
(b) From Pollution Control facilities	2.890 MT/Annum	3.535 MT/Annum
(C-1) Quantity recycled or reutilized within the unit	2.890 MT/Annum	3.535 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	24.096 KL	Sold to Authorized Recyclers /Reprocessors
2	Waste Oil (Cargo residue, washing water and sludge/ Ballast water containing oil from ship)	896.250 KL	Sold to Authorized Recyclers /Reprocessors
3	Waste, residue containing oil / Cargo residue & Sludge containing chemicals/ Sludge & Filters contaminated with oil	1.154 MT	ACC for co-processing /energy recovery/Stored in HW Shed

DPCL has got the authorization from OSPCB vide letter no. IND-IV-HW-894/3729 on dated 21.03.2020 for handling of hazardous waste which is valid till 31.03.2025.



<b>Solid Waste</b>			
<b>Sl. No</b>	<b>Name of waste</b>	<b>Generation quantity</b>	<b>Disposal method</b>
1	Paper waste	15.701 MT	Recycled for making note pad through third party recycler
2	Plastic waste	42.989 MT	Sent to M/s ACC for co-processing/energy recovery
3	Glass Waste	6.501 MT	Sold to scrap vendor for recycling.
4	Food waste	156.343 MT	Used for making compost for horticulture use.
5	STP Sludge	3.535 MT	Used as manure in horticulture work

**PART – G**

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

- Wastewater generated from residential area (Sewage) is being treated in 2 nos. of STPs of capacity 140 KLD & 15 KLD for treatment. The treated water is being used for horticulture purpose. Inline to this our port has been achieved Zero Liquid Discharge.
- Three no's of settling ponds have been constructed to treat the wastewater 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.
- 6 nos of mechanized road sweeping machine has been deployed for cleaning of road on regular basis.
- 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 2019-20, the total amount of Rs. 8.75 Crores was incurred on environmental protection measures.
- 50 KL capacity of rainwater harvesting structure has been developed for reutilization of rainwater in plantation purpose.
- Trawler has been provided to Forest Department, Govt. of Odisha for patrolling purpose for conservation of Olive Ridley turtle.

**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. 76,098 nos of plantation has been carried out both at Port premises and on both edges of railway corridor in this financial year. Plantation of suitable species has been taken up in and around the port area and admin/Residential area with effect from 2010 & is continuing.
- 35242 no's of plantation have been done in nearby village area & 4,456 nos. of avenue plantation has been done.
- Plantation have been done in nearby village area & avenue plantation has been carried out for the FY 2019-20.
- 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 2019-20

- 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 product which is made of waste paper.
- Installation of Roof top Solar power generation – 4.0 MWp

**Date : 21-09-2020**

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

X Name : Krishna Kumar

Designation : Head Environment

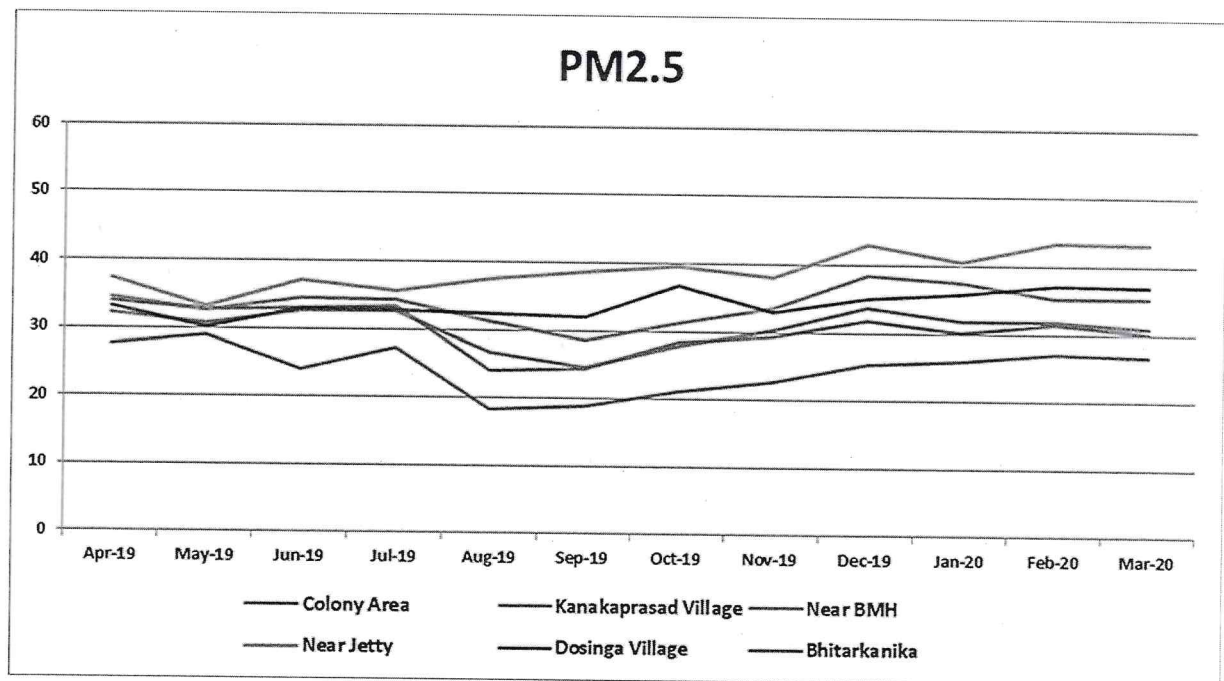
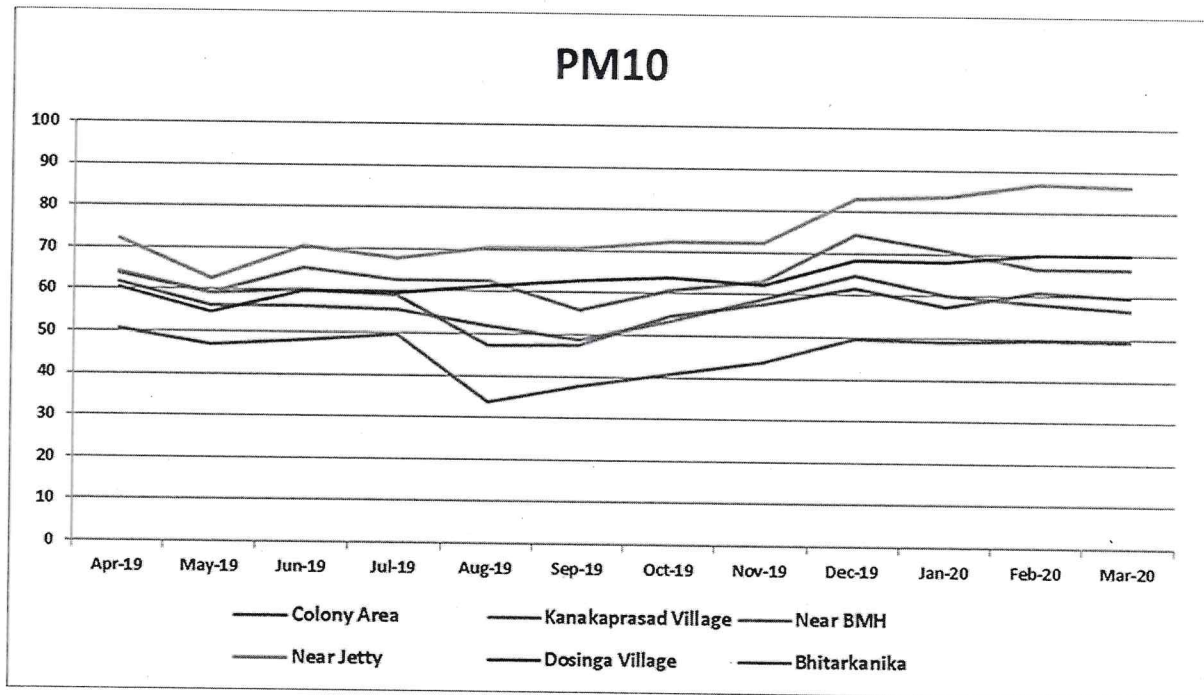
Address : M/s The Dhamra Port Company Limited

Village-Dosinga, Po. Dhamra,

Dist-Bhadrak, Odisha



Annexure 1





Environment Statement for 2019-20

