

AGPL/APPCB/ENV/Form-5/2023-24/039

Date: 23.09.2024

To

The Environmental Engineer
A.P. Pollution Control Board,
Regional Office,
3rd Floor, APPCB Buildings,
Main Road, Madhavadhara VUDA Colony
Visakhapatnam

Sir,

Sub: - Adani Gangavaram Port Limited, Gangavaram (PO) Pedagantyada (M), Visakhapatnam – Environment Statement – FORM – V - Submitted – Reg.

Ref: - 1. CTO & HWA Order No. APPCB/ VSP/ VSP/113/CFO/HO/2015, dated 13.01.2016 valid up to 31.12.2020
2. Consent Order No. APPCB/VSP/ VSP/113/ CFO/ HO/2020, dated 10.09.2020 valid up to 31.12.2025.
3. Amendment CTO Order No. APPCB/ VSP/ VSP/ 113/HO/2015, dated 13.01.2023.

@@@

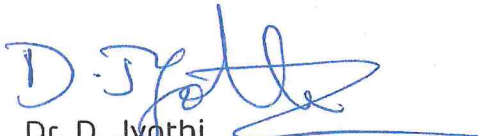
In compliance with the Consent & HW Authorization Condition No.7 stipulated in Schedule – A of CTO & HWA Order vide reference cited, and as per Rule No.14 of E(P) Rules,1986 & amendments thereof, submitting herewith the Environment Statement in Form V for the year 2023-2024.

Kindly acknowledge receipt of the same.

Thanking you.

Yours faithfully,
for Adani Gangavaram Port Limited.,




Dr. D. Jyothi
Vice President/Environment

Encl: Copy of Form – V – Environment Statement along with attachments.
Adani Gangavaram Port Limited
(Formerly "Adani Gangavaram Port Private Limited")
Gangavaram Post, Pedagantyada,
Visakhapatnam, Andhra Pradesh, India - 530 044
CIN : U61100GJ2021PLC124091
Registered Office : Adani Corporate House, Shanthigram, Nr. Vaishno Devi Circle, S.G. Highway, Khodiyar, Ahmedabad-382421, Gujarat, India.

Tel + 91-891-2701177, 2889999

Fax +91-891-2703377

www.adaniports.com

ANNEXURE

**ENVIRONMENTAL STATEMENT FORM-V
(See rule 14)**

Environmental Statement for the financial year ending with 31st March

PART-A

- I. Name and address of the owner/
Occupier of the industry : Adani Gangavaram Port Limited,
Adani Corporate House,
Shantigram, Nr.Vaishno Devi Circle,
Corporate Office S.G. Highway, Khodiyar,
Ahmedabad – 382421,
Gujarat.
- II. *Site Office* : *Adani Gangavaram Port Limited*
Gangavaram (Post)
Peda Gantyada (Mandal)
Visakhapatnam – 530 044
Andhra Pradesh
- III. *Operation or process* : **Port – Services**
- IV. *Industry category Primary-(STC*
Code) Secondary- (STC Code) : ----
- V. *Production category. Units. -* : **Services**
- VI. *Year of establishment* : **2009**
- VII. *Date of the last environmental*
statement submitted : **22.09.2023 for the period of 2022 -2023**

PART-B

- I. *Water and Raw Material*
Consumption : **Please refer Annexure A**

Water consumption in m³/d
Process:
Cooling:
Domestic:

Name of Products	Process water consumption per unit of products	
	During the previous financial year	During the current financial year
---	---	---

II. Raw material consumption : Please refer Annexure B

Name of raw materials*	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year	During the current financial year
Being a port activity, no raw material handling involved.			

* Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

PART-C

I. Pollution discharged to environment/unit of output - (Parameter as specified in the consent issued) : Please refer Annexure C

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants Discharged (mass/volume)	Percentage of variation from Prescribed standards with Reasons.
(a) Water	---	---	---
(b) Air	---	---	---

PART-D

I. HAZARDOUS WASTES : Please refer Annexure D
(as specified under Hazardous Wastes (Management & Handling Rules, 1989).

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
1. From Process	---	---
2. From Pollution Control Facilities		

PART - E

I. SOLID WASTES: :

Solid Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
a. From process	Municipal Solid waste only. In consultation with GVMC, AGPL made arrangements for daily collection & disposal of the solid waste to GVMC dump site, Pedagantyada, Visakhapatnam	a. The solid waste is being collected & disposed to GVMC dump site on regular basis. b. GVMC segregates the material into dry and wet. The dry waste like plastic, glass, iron, aluminum, cardboard, wooden are separated with the help of dry resource collection center in MSF - VI, Gajuwaka and recycled. The wet

	<p>The average quantity of solid waste generating in the port is 20.14 TPM</p>	<p>material will be treated with windrow fermentation process which converts wet waste into useful organics mixture by emitting low CO2 level. This whole process is under Solid Waste Management Rules 2020 and Amendments thereafter for environment sustainability.</p> <p>c. Some quantity of the Bio-degradable waste is being used as manure for development of greenbelt within the Port premises</p> <p>d. The dry leaves are utilizing for preparation of vermin-compost.</p>
--	--	--

Details of solid waste disposed to GVMC MSW Site during the period from April 2023 to March 2024:

Sl. No.	Month	Quantity (Tons)
1.	April 2023	17.80
2.	May 2023	19.80
3.	June 2023	19.20
4.	July 2023	18.30
5.	August 2023	19.40
6.	September 2023	20.00
7.	October 2023	21.00
8.	November 2023	20.50
9.	December 2023	20.00
10.	January 2024	21.50
11.	February 2024	22.20
12.	March 2024	22.00
	Total	241.70
	Average per month	20.14
	Average per day	0.66

b. From Pollution Control Facility	-	-
c. Quantity recycled or re-utilized within the unit.	-	-



PART- F

1. Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes. : **Not Applicable**

PART-G

1. Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production. : **Not Applicable**

PART- H

1. Additional measures/investment proposal for environmental protection including abatement of pollution. : **Please refer Annexure E**

PART - I

MISCELLANEOUS:

- | | |
|----|---|
| 1. | Any other particulars in respect of environmental protection and abatement of pollution. |
|----|---|

1. **World Earth Day – 22nd April 2023.**

Awareness campaign on

- Environment sustainability,
- Protection measures to be adopted to save the environment
- Significance & need of plantation
- Discharging usage of single use plastic
- Water conservation & Rainwater harvesting
- Adopting Reduce, Reuse, Recycle method
- Massive Plantation programme with 500 saplings plantation



2. **World Environment Day - 2023**

On the occasion of World Environment Day, AGPL has organized and conducted weeklong awareness programmes as detailed below:

Awareness campaign on:

- Ban on usage of single use plastic
- Oil spillages by trucks
- Noise pollution,
- Air pollution due to open burning of tyres & plastic
- Importance of protecting the Environment
- Bio-waste utilization
- Soil pollution



- Collected single use plastic covers from the employees & port users Plastic waste collection drive, Cleaning and housekeeping within the Port. Plastic waste collection drive at Beach front.
- Distributed Cloth Bags of 1000 Nos. at Pedagantyada Rythubazar & 2000 Jute bags among the AGPL & Associated employees to encourage discarding of plastic carry bags.
- Conducted competitions viz., drawings, essay writing, slogans among AGPL employees to create awareness on various environmental and sustainability topics.
- Participated in the programme organized by GVMC on Eco Vizag at Ramakrishna Beach, Visakhapatnam as a part of awareness campaign on "Beat Plastic Pollution"
- Participated in the Eco Vizag Programme followed Green Rally organized by District Administration, GVMC & APPCB, Visakhapatnam on 5th June 2023 from Kali Mata temple Jn. to YMCA.



- Participated in the WED 2023 Programme Organized by APPCB, Visakhapatnam at VUDA Children's Arena.
- Participated in the WED 2023 Programme Organized by DFO, Visakhapatnam at Indira Gandhi Zoological Park.
- Organized a Green Rally within the Port in a big way to express the commitment towards environmental protection and environment sustainability.
- Plantation at various locations in the Gangavaram Port and planted 2000 no. of saplings.
- Organized massive plantation at CT area (Berth – 9) within AGPL Involving all the Hierarchy as a part of awareness campaign on "Beat Plastic Pollution"

- Organized a programme to address the significance of World Environment Day & prize distribution to the winners & participants in the competitions viz., Drawing, Essay writing, Slogans & Poems etc., on "Beat Plastic Pollution"



3. World Ocean Day 8th June

Celebrated World Ocean's Day 8th June 2023 by initiating awareness program at the Port premises and beach cleaning activity.



4. World Nature Conservation Day 28th July, 2023

Conducting the following awareness program within the Port premises to express commitment towards environment protection and environment sustainability.

- Plantation.
- Awareness campaign on:
 - Reduce waste by recycling, composting, and using reusable products.
 - Switch to energy-efficient light bulbs, reduce water usage,
 - Use public transportation or carpool to reduce carbon footprint.



5. Ozone Day – 16th September

Awareness campaign on Ozone Day:

- Reduce waste by recycling, composting, and using reusable products.
- Switch to energy-efficient light bulbs, reduce water usage,
- Use public transportation or carpool to reduce carbon footprint.

- To safeguard and preserve the environment and natural resources.
- To make a commitment to taking action to build a sustainable future and future generations.
- To promote the necessity of sustainable development is one of the day's main objectives.
- To balance between social responsibility, environmental conservation, and economic progress.
- Plantation of 600 saplings within the Port premises.



6. **Promotion of Environment sustainability**

As a part of promotion of Environment sustainability, AGPL has been continuing by distributed 2000 No. of Clay Ganesh Idols among Port employees & associates at free of cost.



7. **Global Recycling Day – 18.03.2024**

The theme of 2024 Global recycling day is “#RecyclingHeroes.”

AGPL has performed the day by campaign the significance of Global Recycling Day

- Promoted the Importance of Recycling
- Encouraged the employees to implement recycling & reuse at the house also to the extent possible.
- Discourage the utilization of single-use plastic covers or things.
- Awareness on proper/scientifically dispose of things
- Implement 3R's at Home i.e., Reduce, Reuse, Recycle



8. International Day of Forests – 21st March 2024

The theme for International Day of Forests 2024 is Forests and Innovation: New Solutions for a Better World. The battle against deforestation requires new technological advancements.

On this occasion, AGPL organized a massive plantation programme and planted 2000 samplings involving all the departments.



9. World Water Day – 22nd March – 2024

AGPL focused on the water conservation & Management, promoted awareness among the port employees including associates in a big way:

The sustainable water management generates several benefits to individuals and communities, including:

- Health,
- Food & energy security,
- Protection from natural disasters,
- Education & improved living standards and employment,
- Economic development and a variety of ecosystem services.
- It is through these benefits that water leads to prosperity, and by equitably sharing these benefits, peace is promoted.

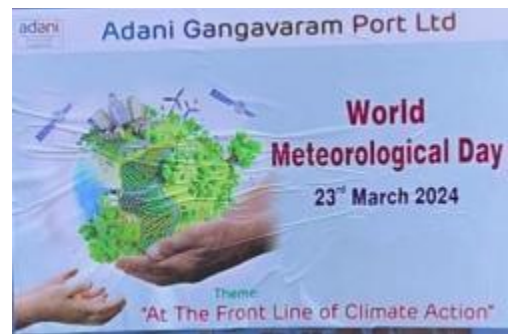
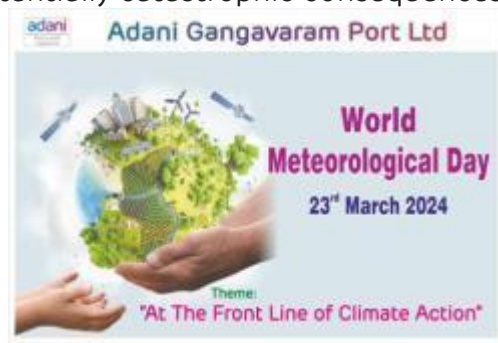
Thus, water management needs to consider the new economic and social realities, including climate change and geopolitical changes and their implications on our water

resources. Leveraging water for prosperity and peace therefore requires actions beyond the water domain.



10. **World Meteorological Day – 23rd March – 2024**

The theme for World Meteorological Day 2024 is “At the Frontline of Climate Action “. This theme highlights the urgent need for action against climate change and its potentially catastrophic consequences



Annexure – A

Water Source & Water Input - (April 2023 – March 2024)

Month/Year	Raw Water Source (VIWSCO)
	(KL/Month)
April - 2023	44448
May – 2023	39934
June – 2023	41067
July – 2023	38961
August – 2023	36509
September – 2023	34657

October – 2023	46524
November – 2023	44342
December – 2023	31843
January – 2024	47687
February – 2024	45979
March - 2024	50404
Total	502355
Daily average	1376.32

Fresh Water Consumption (KLD)

Month	Application as per the Consent Order				
	Green belt	Dust Suppression	Domestic	Ship Supply	Misc.
April – 2023	775.38	40164.79	1240.61	1008.00	1259.22
May – 2023	696.64	36085.78	1114.62	905.63	1131.34
June – 2023	716.40	37109.60	1146.24	931.32	1163.44
July – 2023	679.66	35206.54	1087.46	883.56	1103.77
August – 2023	636.89	32990.83	1019.02	827.96	1034.31
September – 2023	719.97	31222.74	959.96	779.97	974.36
October – 2023	966.50	41913.80	1288.66	1047.04	1307.99
November – 2023	921.17	39948.02	1228.23	997.93	1246.65
December – 2023	661.51	28687.59	882.02	716.64	895.25
January – 2024	990.66	42961.56	1320.88	1073.21	1340.69
February – 2024	955.18	41422.81	1273.57	1034.77	1292.67
March - 2024	1047.10	45409.32	1396.14	1134.36	1417.08
Total KL/Month	9767.06	453123.38	13957.41	11340.39	14166.77
Average/KLD	26.69	1238.04	38.14	30.98	38.71
Consented Qty/KLD (April to August 2023)	25.00	1296.00	40.00	32.50	40.60
Consented Qty/KLD (September 2023 to March 2024)	30.00	1301.00	40.00	32.50	40.60

Annexure – B

Cargo handled at Adani Gangavaram Port - (April 2023-March 2024)

S. No	Name of the Cargo	Consented quantity (MMTPA)	Commodities handled MMTPA
1.	Containers	0.25	AGPL has handled 37.243 MMTs of Commodities viz., Iron Ore, Coal, Slag, Fertilizer, Limestone, Steel
2.	Multi Cargo	6.20	
3.	Coal	25.00	
4.	Iron Ore	3.00	
5.	Fertilizer	2.50	

6.	Industrial raw material	3.50	Products, Industrial Raw Material and Bulk Ammonia during the period from April 2023 to March 2024
7.	Liquid Cargo	0.50	
Total		40.95	

Annexure - C

Two numbers Sewage Treatment Plant (30 KLD and 5 KLD STPs) are provided to treat the wastewater generated in the port premises. The inlet and outlet water waters are being monitored regularly as per the statutory regulations and the treated water is well within the statutory limits. The treated water is being used for the dust suppression / green belt development only.

AGPL also utilizing the Storm water for dust suppression purposes.

STP Treated & Storm water consumption (KLM)

Month/Year	STP Treated & Storm water (KLM)		
	Treated water	Storm Water	Total
April - 2023	630	6696	7326
May - 2023	682	4236	4918
June - 2023	672	6696	7368
July - 2023	713	468	1181
August - 2023	713	2844	3557
September - 2023	690	1824	2514
October - 2023	702	4452	5154
November - 2023	700	3912	4612
December - 2023	720	7152	7872
January - 2024	716	4068	4784
February - 2024	674	4752	5426
March - 2024	742	4212	4954
Total	8354	51312	59666
Average / Day	22.89	140.58	163.47

Annexure - D

- I. E - Waste in Form - III : Submitted on 27.06.2023 for the FY 2023 - 2024
(Copy of Acknowledgement attached)
- II. Hazardous Waste in Form - IV : Submitted on 27.06.2023 for the FY 2023 - 2024

(Copy of Acknowledgement attached)

III. *Used Battery Returns in Form – VIII : Submitted on 27.06.2023 for the FY 2023 - 2024*

(Copy of Acknowledgement attached)



Annexure E
COST OF ENVIRONMENTAL MEASURES FOR THE FINANCIAL YEAR 2023-2024

S. No	Facility details	Description	Cost in Rs.
1.	Pump house power consumption	Kanithi & UGR pump house power consumption cost	1,516,095.00
2.	MDSS power consumption (Mechanical dust suppression system)	MDSS power consumption cost	17,354,205.00
3.	5 KLD & 30 KLD STP	30 & 5 KLD STP Power Consumption cost	367,627.00
4.	Truck Tyre Washing facility	Power consumption cost	237,897.00
5.	CAAQMS Operation & Maintenance	Annual operation & Maintenance of existing 3 nos. of CAAQM Stations & 1 No. of new Machine of Beta Ray Attenuation	5,201,050.00
6.	Water Cost (VIWSCO)	Water consumption for Dust Suppression & other port operations	15,117,862.00
7.	Dust suppression water tankers	Dust suppression water tankers cost	15,635,368.00
8.	Road sweepers	Road sweeping machines operation, diesel consumption, & maintenance & Spare's cost	13,855,200.00
9.	Water sampling & analysis	Marine, Drinking, Sewage water sampling & analysis cost	1,284,000.00
10.	Sweeping with manpower	Manual cleaning of Roads, Berths, Godowns & all operational areas	6,334,000.00
11.	5 KLD & 30 KLD STP	30 & 5 KLD STP Operation & Maintenance cost	1,660,000.00
12.	Truck Tyre Washing facility	Establishment (New), Operation & Maintenance cost	6,355,200.00
13.	Truck & Wagon Tarpaulin Covering station	Establishment, Operation & Maintenance cost	14,100,000.00
14.	Greenbelt department	Vermi compost, FYM, Plants, JCB, Transport, Diesel, Vehicle bills cost	5,826,109.00
15.	Community development & Awareness Programmes	Environment day celebrations & Clay Ganesh Idols distribution cost	865,000.00
16.	Fire tender	Fire tender diesel & maintenance cost (Engine & Tinkering works)	191,335.00
17.	Solid waste Collection & Dumping	Charges for collection of solid waste from 78 locations of AGPL & dumping at GVMC site	684,000.00
		Total Amount	106,584,948.00



Annexure F

Environmental measures in the Adani Gangavaram Port Limited

M/s Adani Gangavaram Port Limited – AGPL (formerly Gangavaram Port Limited) is located at Gangavaram (PO), Pedagantyada (M), Visakhapatnam District of Andhra Pradesh, India.

AGPL has the unique distinction of being one of the few Greenfield port projects in India which has been implemented on schedule. Construction at the site commenced in December 2005 and the Port commenced trial operations in August 2008.

AGPL has been developed as an all-weather, multipurpose port with water depth upto 20.2 meters, making it the deepest and capable of handling fully laden Cape size vessels of up to 200,000 DWT, with its deep draft berths and efficient operations AGPL has become the gateway port for a hinterland spread over 8 states across Eastern, Western, Southern and Central India. Its ability to handle larger vessels efficiently has resulted in substantial savings to trade and port users. Adani Gangavaram Port Limited provides efficient cargo handling services for a variety of bulk and break-bulk cargo groups including Coal, Iron Ore, Fertilizer, Limestone, Bauxite, Raw Sugar, Project Cargo, Alumina, Steel products etc.

The Port, its related facilities and material handling system are among the most advanced in Asia and meet the highest standards in terms of pollution prevention and safety.

AGPL is presently operating with 9 berths and with consented cargo handling capacity of 40.95 MTPA for variety of Cargos of bulk and break bulk including coal, iron ore, Multi Cargo (Agri products, Slag, Limestone, Steel products etc.), Fertilizer, Industrial Raw Materials such as Gypsum, Aluminum Ingots and their facilities includes berths, state-of-the-art cargo handling systems, mechanized storage facilities, railway sidings etc.,

The Port extended to 2800 acres, out of which Port development and operation is in 1800 acres only.

- Out of 9 berths, 3 berths (Berth No.4, 5 & 6) are fully mechanized,
- 5 berths (Berth No.1, 2, 3, 7 & 8) are semi-mechanized
- Provides cargo handling services for a variety of bulk and break bulk including coal, iron ore, multipurpose cargo (Agri products, Slag, Limestone, Steel products etc.), and Fertilizer, Industrial Raw Materials etc.
- Berth No. 9 is for container operation.





Berths Layout Image

1. Mechanized Operations:

- The State of art mechanical dust suppression system is provided at various critical points i.e., equipment (Hopper & Declaimer), hooded conveyor belts and the storage yards have been functioning well throughout the system. Ensuring these measures, the Port can mitigate all the dust that is being generated during the operations. The other berths are being used to handle other cargos such as Project cargo, fertilizer (Urea), Sugar etc.
- The Pollution Control System is implemented, as a part of project, to mitigate the dust pollution, State of Art water sprinkling system with a cost of more than Rs 21 Cr is established at various locations. AGPL is spending Rs 22 lakhs per month on an average towards water, power charges and maintenance for DSS. Around 20 people are working daily for operating the DSS.
- Mechanical Dust Suppression System (MDSS) is mounted on each of the mobile hopper. Plain water fog systems are provided at receipt points. A dry fog system is installed at the discharge point. The system consists of one water tank mounted on a hopper, two (1 working + 1 standby) pumps for each mobile hopper are provided.



2. Dust Suppression – Mechanical Dust Suppression System (MDSS)

- AGPL provided PLC based Mechanical Dust Suppression System to control the fugitive emission from the dry bulk cargo storage areas i.e., coal and iron ore stockyards and handling areas.
- The total area covered with the water sprinkler system of the facility is classified into seven sections or segments. Two types of sprinklers are provided in the water sprinkling system. Water is sprayed through 176 no. of cannons. The cannons are operated in a cycle for the period of approximately 10 to 15 minutes per shift.
- All the 8 sections shall be operated sequentially. The operation of MDSS will be 6 times per day during the dry weather conditions and twice per day in the winter season.
- There are two types of sprinklers/cannons. Type 1 sprinklers are 9.5mm/h and Type 2 sprinklers are 6mm/h respectively. The Type 1 sprinkler line will be operated for 10 minutes and the Type 2 sprinkler line will be operated for 15 minutes. The sprinklers are mounted on sprinkler posts of 6 meters height. It enables uniform water sprinkling on stockpiles height of approximately 13 meters.
- The water cannons cover a radius of approx. 50 meters & sprinkles waters up to 15 meters' height and rotate in 360° directions. The distance between two sprinklers is 100mts to cover total cargo stack area

PLC based MDSS in the Yards



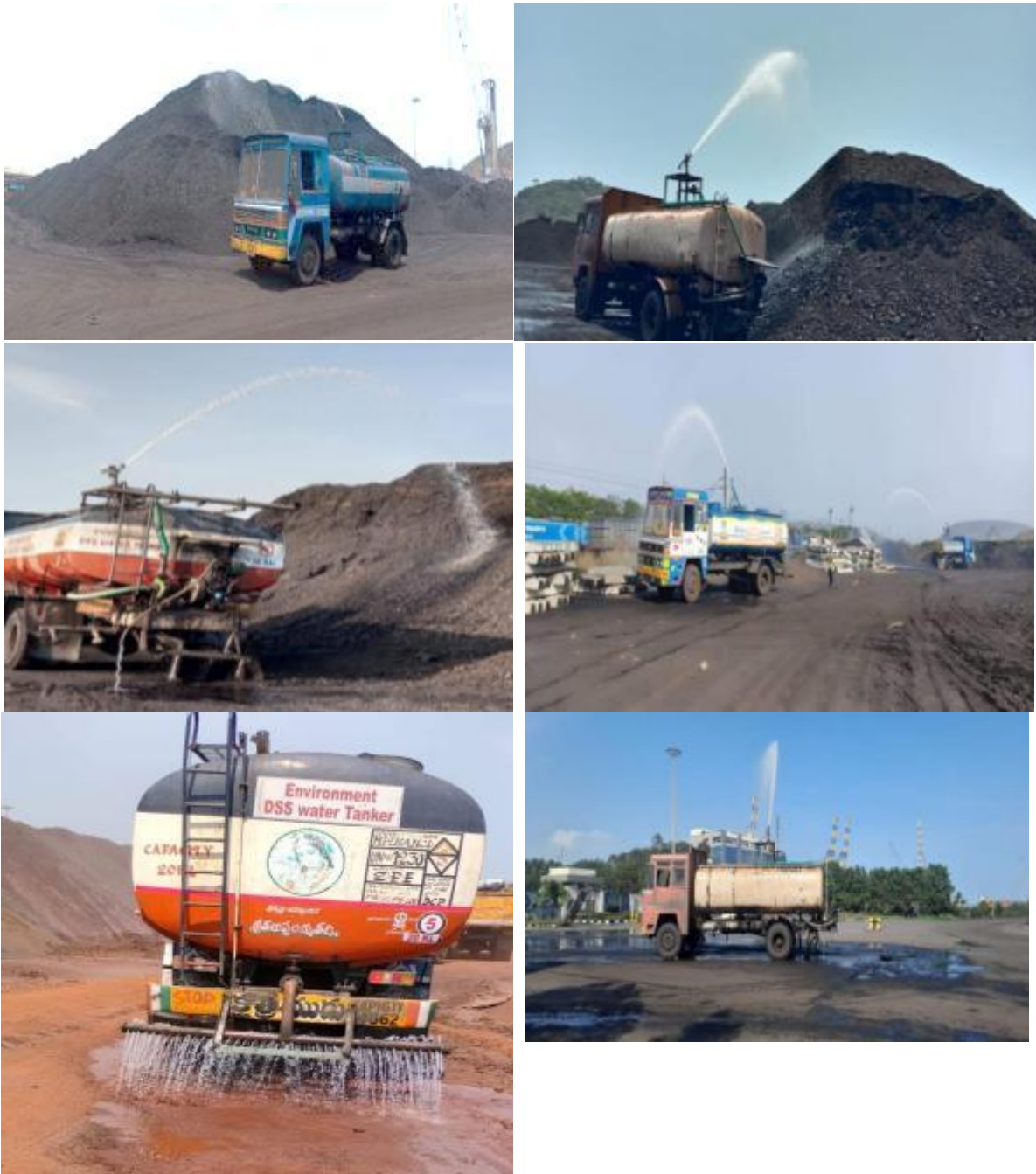


A handwritten signature in blue ink, consisting of stylized letters and a long horizontal stroke.

Dust suppression through Tankers

- Water sprinkling is being carried out on the general cargo berth and in other areas viz. Roads and yards through water tankers of 20 nos. to arrest the dust pollution causing by the vehicular movement in the port. AGPL is spending around Rs. 6.50 lakhs per month on an average towards water charges and maintenance. Around 10 persons are working for this activity.

Dust suppression through Tankers





3. Truck/Wagon Tarpaulin Covering facilities:

- AGPL established 16 No. of semi mechanized truck tarpaulin covering stations at various locations within the Port to facilitate and ensure all the outgoing cargos by Trucks are covered with tarpaulin.
- AGPL ensuring that the tarpaulin is covered in all sides of the truck and tightly tied with rope so that the tarpaulin should not be uncovered while traveling until the truck reaches the destination without any transit spillage.





- AGPL established a semi mechanized railway wagon tarpaulin covering station at Silo location within the Port to facilitate and ensure all the outgoing cargo rakes are covered with tarpaulin and tightly tied with rope so that the tarpaulin should not be uncovered while traveling until the wagon reaches the destination without any transit spillage.





4. Cargo covered with tarpaulin:

- AGPL has been maintaining the tarpaulin covering on the cargos to the extent possible to avoid fugitive emissions.





5. Deployment of Road Sweeping Machines:

- Laid BT roads internally and 5 No. of sweeping machines were deployed for the cleaning of berths, back up areas and roads.



Road Sweeping machines

Road Sweeping machines

6. Truck Tyre washing facilities:

- Provided 2 no. of automatic sensor-based truck/tyre washing facilities to ensure two stage wheels washing of all the outgoing vehicles to avoid dust passage on to outside roads.

A handwritten signature in blue ink, consisting of stylized letters, is located in the bottom right corner of the page.



- The 2nd automatic sensor-based truck tyre washing facility wheel washing facility is established with advanced technology which having cleaning water recycling & reusing system with oil skimmer facility.



7. Bio-toilets:

- Provided 20 Bio Toilets at Berths, CS Godowns, yards, and other operational locations to cater the needs of the contractual employees with a cost of 80.00 Lakhs



8. Specific measures towards Habitation:

Erected wind breaking walls towards Gangavaram village and HB Colony to prevent any dust transfer to habitation and a thick green belt developed supporting to the wind breaking wall, 10 layers in North-West direction to arrest the dust emissions to the villages.



Wind breaking wall towards HB Colony & Gangavaram (V)





Plantation at - GPL Site Office & all along North boundary wall side plantation supporting Wind screen towards Gangavaram village, towards Kongapalem&Venkannapalem Villages

9. Environmental Monitoring Programme in AGPL

As per the statutory guidelines AGPL appointed an authorized 3rd party agency, for continuous monitoring of the environmental parameters of the Port as well as Gangavaram village and Peda Gantyada areas.

A. Ambient Air Quality

Operating 3 No. of Continuous Ambient Air Quality Monitoring stations at the below mentioned located as suggested by SPCB within the Port premises to monitor the Ambient Air Quality viz., PM 10, PM 2.5 and the data is being uploaded to APPCB website. The Port also provided devices for measuring SO₂, NO, NO₂, & CO parameters.

- i. Administrative office towards H.B. Colony (Station 1):
- ii. Project site office building towards Venkannapalem (Station2)
- iii. Watch tower – 4 towards Gangavaram village (Station3)

B. Noise Monitoring

Noise monitoring is being carried out fortnightly as per the statutory regulations for the four locations and the reports are well within the statutory limits and the same are being submitted to the APPCB on monthly basis.

1. Cargo handling area (as source)
2. Gangavaram
3. Peda Gantyada/Security Gate
4. HB colony



At HB Colony



At Gangavaram (V)



**At Port
operational area**



At Port Main Gate

C. Surface & Ground water monitoring

As per the statutory regulations & requirement, Surface & Ground water quality is being monitoring by AGPL on monthly basis at Gangavaram (Village) and reports being submitted to the APPCB, and to MoEF & CC along with Half-yearly EC Compliance

1. Gangavaram (Village)
2. North Boundary Wall (NBW) open well.



Open well at Gangavaram (V)



Bore well at Gangavaram (V)

D. Marine water /sediment monitoring

The marine water and sediment quality monitoring is being carried out fortnightly basis of tidal sampling for the Four locations as



1. Harbor Basin
2. Port entrance channel
3. South break wall outside
4. North break wall outside

Physical, chemical and biological parameters were analyzed for water as well as for sediment to assess the quality and the same is being submitted to the APPCB. The reports are indicating that the waters are not having any noticeable contamination





E. Beach nourishment

Beach nourishment to safeguard the ecosystem, protecting shorefront properties, expanding, and preserving beaches & helps in building back up and protect the shoreline from diminishing beach space



10. Environment Sustainability Measures:

i. Weather & meteorological monitoring:

- CWC, Visakhapatnam installed an Automatic Weather Station (AWS) within AGPL premises as per the IMD guidelines to know the weather forecast.
- AGPL is one and only Port having the IMD Automatic Weather Station (AWS) installed by the Indian Meteorological Department, Visakhapatnam within the Port premises which is available in the domain IP address <http://aws.imd.gov.in.8091>



- Installed Automatic Weather station on the top of Signal Station, Vellametta and at Berth for weather forecasting & meteorological data generation.

ii. Water conservation measures:

Settling ponds provided at yards for collection of yards runoff and the supernatant water is being used for dust suppression.



A natural pond is available in Nursery area for collection of rain/runoff water. The water is utilizing for nursery development.



Rainwater harvesting pits around the buildings are being maintained.

Rainwater drains are being maintained periodically & pre-monsoon season to avoid stagnation & free flow of water and the water is using for dust suppression to the possible extent.



11. Sewage Treatment Plants:

AGPL operating 2 No. of Sewage Treatment Plants to cater the needs of sewage water treatment.

1. 5 KLD capacity STP at AGPL Main gate location – will receive the domestic sewerage from AOB Building & Security posts.
2. 30 KLD capacity STP at AGPL Harbour gate location – will receive the domestic sewerage from the COB, ERA, POB Location cluster buildings & Canteen

The Domestic sewage water receiving from office buildings of different locations of Port is being treated in STPs and being used for greenbelt development



5 KLD STP



30 KLD STP

The STP inlet & outlet water is being analyzed through a 3rd party agency on fortnight basis and as per the analysis reports, the values are meeting the prescribed standards of APPCB.



30 KLD STP Inlet & Outlet sampling



5 KLD STP Inlet & Outlet

12. Waste management:

- a. **Plastic waste** is being collected and disposed to SPCB authorized plastic waste recycling units.
- b. **E - Waste** is being collected and disposed to SPCB authorized E-waste recyclers and submitting the details in Form - 3 to SPCB.
- c. **Hazardous waste (Waste oil)** - as per the CFO & HWA of APPCB, AGPL is permitted to generate & dispose waste oil including bilge oil. AGPL is quantifying the waste oil and disposing to SPCB authorized Waste oil recyclers and submitting the details in Form - 4 to SPCB.
- d. **Solid waste** - In consultation with GVMC Authorities, AGPL arranged for daily collecting and disposing of the domestic solid waste to GVMC authorized dump site for further waste management process.



- e. **Organic waste**- is being collected on regular basis within the Port and being disposed to GVMC authorized dump site for landfilling and using for vermin-compost preparation.





- f. **Bio-Medical Waste** - operating an Onsite Health Centre (OHC) to provide First Aid facility to the victims and generating very less quantity of Bio-Medical Waste. AGPL made an agreement with M/s. Vasistha Environ Care an authorized Bio-medical waste Treatment Facility, Safe Collection, Transportation & disposal of properly segregated and packed BMW and/or Bio-Hazardous waste as per APPCB, CPCB norms.

13. Details of Green belt in Adani Gangavaram Port

Development of greenbelt is a continuous process in AGPL. As of now the total plantation in the Port is about 320 Acres.

- Green cover needs to reduce the pollution levels
- Improve the standard of Ambient Air Quality
- Meet the statutory requirements & compliance.
- Reduce the carbon emissions

Environment department is fixing its own targets besides statutory requirements and achieving the targets from time to time.

The land available in AGPL is mostly sand dunes and salt pans which are not supportive for plantation.

AGPL developed good plantation with the saplings suitable for the available land achieved good results.

In the process of developing greenbelt, AGPL encountered the following severe cyclones wherein the existing greenbelt was damaged badly.

- Hud Hud Cyclone 12th to 14th October 2014
- Titli Cyclone – 8th October 2018
- Gulab Cyclone – 26th & 27th September 2021

To achieve good and dense plantation, AGPL adopted Miyawaki plantation on the advice of APPCB

High Density Plantation (Miyawaki)

Miyawaki afforestation / plantation involves several different types of native plants closely just to form a Green Wall and a completely chemical free forest in an organic way that sustains itself, supports local biodiversity, and attracts birds and insects.

In 'Miyawaki' forests, the trees grow more quickly and absorb more CO₂ than plantations grown for timber.

Its benefits include lowering temperature, making soil nutritious, supporting local wildlife and sequestration of carbon.

- With the spirit of Miyawaki type plantation, AGPL continued further plantation in Miyawaki method in the other locations viz., Weigh Bridge – 3, MRSS Location, Quarry yard, 3.75 Acres location in an extent of about 5.0 Acres.

Below details show the periodical development of Greenbelt during the last 3 years:

Table T 3.11

Sl. No.	Financial Year	Target	Achieved	Survival Rate (%)
1.	2021-22	60,000	63,500	80%
2.	2022-23	50,000	51,840	95%
3.	2023-24	2,00,000	2,01,904	95%
	Total	3,10,000	3,17,244	

Nursery:

AGPL Established an exclusive nursery in an extent of 2.0 Acres within the Port premises and maintaining about 60 to 70,000 saplings of Avenue, Ornamental & Fruit bearing species viz., Badam, Conacarpus, Neem, T. Rosia, Vusiri, Casia Nadoja, Ganuga, Oil Palm, Maha Gani, Spathodia, Maredu, Piltopharm, Pycus panda, Coconut, Custard Apple, Lemon, Pedilanthus, Mandara etc.

The captive nursery played a significant role in restoration / reforestation after series of cyclones.

14. Community Plantation - Participation in plantation programmes organized by District Administration & APPCB.

- Participated in Green Visakha – Clean Visakha - Green Visakha – Clean Visakha – One million Tree Plantation Programme jointly taken-up by Visakhapatnam District Administration & A.P. Pollution Control Board on World Environment Day 5th June 2022, wherein GPL completed the targeted plantation of 50,000 by 18.08.2022 against the target of 50,000
- Participated in "Green Visakha 40 Lakhs Plantation Programme" jointly taken-up by SPCB & District Administration as per the directions of the Hon'ble Parliamentary Committee, during 2011 wherein GPL was given a target of 1.35 Lakhs plantation and achieved highest plantation of 1.43 lakh saplings with Geo-tagging & 87.24% survival rate.

- The details of year wise plantation target, achievement. Geo Tagged and survival rate details are as below:

Table T 3.12

S. No.	Year	Plantation details			
		Target	Achieved	Geo Tagged	Survival %
1	2012-13	20,000	20,000	19,000	87.24%
2	2013-14	30,000	30,000	24,955	
3	2014-15	10,000	16,600	7,650	
4	2015-16	38,000	38,500	31,306	
5	2016-17	37,000	38,500	32,030	
		135,000	143,600	114,941	

Photographs of Nursery & Greenbelt:



A handwritten signature in blue ink, located in the bottom right corner of the page.



Greenbelt in and around the Port Boundary



Greenbelt within the Port premises covering yards & berths



Greenbelt within the Port premises all along the 4-lane road of 5 Km and at Port approach road.



15. New Initiatives for effective Environment & Sustainability:

- Converted 2 Mobile harbor cranes of 1250 KVA DG operated to Electrically operated.
- Converted 2 Mobile conveyor stacker in to electrically operated.
- Converted all new mobile harbor cranes operated electrically.
- All Marine tugs provided with shore power 100% while at jetty
- Established hooded conveyor belts to mitigate dust emissions
- TT 7/CC 1A Discharge chute skirt board length modification from 6500mm, to 3500mm resulting less pressure & emissions reduction.
- Installed fire hydrant system on all floors of Silo location. and at 25 no's Yard canons location
- Skirt board modified to control dust emission at the discharge points viz., CC – 1 to CC – 4, CC – 1A to CC 4 A along with conveyor of 2 KM distance.
- Hood conveyors replaced from Transfer Tower – 5 to Transfer Tower -8 1.8 Km area.
- New yard -01 Road: 2.8 Km cemented for reduce the dust emission
- Provided facilities for Railway Rake to ensure tarpaulin coverage to all the outgoing cargo rakes.
- Established Fuel Handling station to reduce the Land contamination
- Established new automatic sensor-based truck tyre washing facility with advanced technology of oil skimmer & water recycling units without disturbing the existing one so as to ensure two stage truck tyre washing.
- Indoor unit for Alumina Bag Loading System in CSS – 01



Adani Gangavaram Port inaugurates ₹40-cr projects to boost productivity

BB BUREAU
VISAKHAPATNAM

ADANI Gangavaram Port, one of the deepest and the most modern ports in the country on Monday inaugurated key strategic infrastructure projects to build its existing capacity and productivity.

The projects are built with an investment of Rs40 crore-sand are aimed at enhancing the port's productivity and business in an efficient manner. The new facilities will include a warehouse of 6,000 sq meters with capacity of 35,000 MTs bringing the port's covered storage area to 1.4 lakh sq meters, roads and associated infrastructure of three km to connect the surface transportation more efficiently and two gate-complexes with integrated weigh bridges and tarpaulin covering stations in addition to fuel handling station, car and truck tire washing facilities with integrated water capture and recycling capabilities.

Adani Gangavaram Port

stated in a release that it committed to delivery best in-class services through the best infrastructure. The port management also plans to operationalise railway infrastructure enhancement in the coming month that bolsters the port's capability to handle higher rail cargo in a day.

Speaking on the occasion Adani Gangavaram Port Limited management said in line with Adani Group's philosophy of growth with goodness, they have developed resources and infrastructure to increase the safety, sustainability and environment conservation and contribute to nation building.

"We at Adani Gangavaram Port offer substantial economic benefits to Indian importers combined with highly efficient port operation and evacuation system with faster turnaround time and delivery. We are extremely happy to see the trade deriving benefits of modern deep water infrastructure," the release stated.

Gangavaram Port inaugurates ₹40-cr infra projs

New facilities include warehouse of 6,000 sq metres with capacity of 35,000 MTs

EXPRESS NEWS SERVICE
@visakhapatnam

ADANI Gangavaram Port said to be the deepest port in the country on Monday inaugurated key strategic infrastructure projects at the port premises, to build its existing capacity and productivity. The projects are built with an investment of ₹40

crores and will help the port enhance its productivity and serve the businesses in an efficient manner.

The new facilities include new warehouse of 6,000 sq metres with capacity of 35,000 MTs which brings the port's covered storage area to 1.4 lakh sq metres, roads and associated infrastructure of three km which connects the surface transportation more efficiently, two gate complexes with integrated weigh bridges and tarpaulin covering stations, in addition to fuel handling station, car and truck tire washing facilities with integrated water capture and re-

cycling capabilities. Adani Gangavaram Port is committed to deliver best in-class services through the best infrastructure. The port management also plans to operationalise railway infrastructure enhancement in the coming month that bolsters the port's capability to handle higher rail cargo in a day.

Speaking on the occasion, the Adani Gangavaram Port Limited management said, "In line with Adani Group philosophy of growth with goodness, Adani Gangavaram Port has developed resources and infrastructure to increase the safety, sustainability and environment conservation and contribute to nation building. We

offer substantial economic benefits to Indian importers combined with highly efficient port operations and evacuation system with faster turnaround time and delivery. We are extremely happy to see the trade deriving benefits of modern deep-water infra."

EE
We are planning to operationalise railway infrastructure enhancement in the coming month, which bolsters the port's capability to handle higher rail cargo in a day
Adani Gangavaram Port management

Adani Gangavaram Port inducts two new locomotives to enhance productivity in Visakhapatnam

September 21, 2023 04:42 pm | Updated 04:42 pm | VISAKHAPATNAM

THE ANDHURAJ

Adani Gangavaram Port on Friday announced the induction of two advanced locomotives WDG4, as part of the ongoing efforts to enhance capacity and productivity at the port.

The addition of these locomotives represents a significant stride in improving the rail infrastructure within the port, aligning perfectly with the port's commitment to provide top-tier logistics services, according to a statement issued by the port.

Adani Gangavaram Port is investing significantly in expanding and enhancing the internal rail network. These state-of-the-art locomotives will play a pivotal role in streamlining cargo handling processes and advancing the development of a warehouse facility complete with integrated rail capabilities, which will become operational in the coming months.

Lr. No. AGPL/ENV/APPCB/2024/024

Date: 27.06.2024

To

The Environmental Engineer,
A.P. Pollution Control Board,
Regional Office,
3rd floor, APPCB Buildings,
Main Road, Madhavadhara VUDA Colony,
Visakhapatnam

Sir,

Sub:- Adani Gangavaram Port Limited – Details of E – Waste generated & Disposed in **Form – 3** - Submitted – Reg.

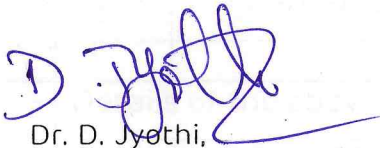
- Ref:-
1. CTO & HWA Order No. APPCB/ VSP/ VSP/113/CFO/HO/2015, dated 13.01.2016 valid up to 31.12.2020
 2. Consent Order No. APPCB/VSP/ VSP/113/ CFO/ HO/2020, dated 10.09.2020 valid up to 31.12.2025.
 3. Amendment CTO Order No. APPCB/ VSP/ VSP/ 113/HO/2015, dated 13.01.2023
 4. Name change Amendment order No: APPCB/VSP/113/HO/CTO/2023 Dt. 01.08.2023
 5. CTO & HWA No: APPCB/VSP/113/CTO/HO/2009, dated 22.08.2023 valid up to 31.12.2025
 6. Amendment CTO Order No: APPCB/VSP/VSP/113/HO/CTO/2020 05.01.2024

@@@

In compliance with the conditions stipulated in CTO & HWA orders vide reference cited above we are herewith submitting the Annual Returns of Generation, Storage & Disposal of E – Waste for the **year 2023 – 2024** in **Form- 3** as per the E-Waste (Management) Rules, 2016 and amendments thereof.

Kindly acknowledge receipt of the same.

Yours sincerely,



Dr. D. Jyothi,

Vice President/Environment

Encl: a/a



Adani Gangavaram Port Limited
(Formerly "Adani Gangavaram Port Private Limited")
Gangavaram Post, Pedagantyada,
Visakhapatnam, Andhra Pradesh, India - 530 044
CIN : U61100GJ2021PLC124091

Tel + 91-891-2701177, 2889999
Fax +91-891-2703377
www.adaniports.com

Registered Office : Adani Corporate House, Shanthigram, Nr. Vaishno Devi Circle, S.G. Highway, Khodiyar, Ahmedabad-382421, Gujarat, India.

FORM-3

[See rules 4(5), 5(5), 8(6), 9(4), 10(8), 11(9), 13 (1) (xi), 13(2)(v), 13(3)(vii) and 13(4)(v)]

FORM FOR FILING ANNUAL RETURNS

[To be submitted by producer or manufacturer or refurbisher or dismantler or recycler by 30th day of June following the financial year to which that return relates].

Quantity in Metric Tons (MT) and numbers

1	Name and address of the producer or manufacturer or refurbisher or dismantler or recycler		M/s. Adani Gangavaram Port Limited, Gangavaram (PO) Pedagantyada (V & M), Visakhapatnam Dist.			
2	Name of the authorized person and complete address with telephone and fax numbers and e-mail address		Dr. D. Jyothi Vice President - Environment Phone: 0891 - 2889999 Email: jyothi@gangavaram.com			
3	Total quantity of e-waste collected or channelized to recyclers or dismantlers for processing during the year for each category of electrical and electronic equipment listed in the Schedule I (Attach list) by PRODUCERS		Total Tons -24.29			
	Sl. No.	Manifest No.	Date	E - Waste Type	Quantity MT.	
	1.	07/AP/23-24	01.03.2024	E - Waste - Electrical & IT Waste	3.820	
	2.	12/AP/23-24	20.02.2024		2.650	
	3.	10/AP/23-24	09.02.2024		3.410	
	4.	09/AP/23-24	07.02.2024		3.260	
	5.	08/AP/23-24	23.01.2024		3.150	
	6.	06/AP/23-24	22.12.2023		2.950	
	7.	05/AP/23-24	18.12.2023		5.050	
				Total	24.29	
	Details of the above			TYPE	QUANTITY	No.
3(A)*	BULK CONSUMERS: Quantity of e- waste			---	---	---
3(B)*	REFURBISHERS: Quantity of e-waste:			---	---	---

3(C)*	DISMANTLERS: i. Quantity of e-waste processed (Code wise); ii. Details of materials or components recovered and sold; iii. Quantity of e-waste sent to recycler; iv. Residual quantity of e-waste sent to Treatment, Storage and Disposal Facility.	---	---	---
3(D)*	RECYCLERS: i. Quantity of e-waste processed (Code wise); ii. Details of materials recovered and sold in the market; iii. Details of residue sent to Treatment, Storage and Disposal Facility.	---	---	---
4	Name and full address of the destination with respect to 3(A)-3(D) above	M/s. Silicon Planet Recycling Pvt. Ltd., Sy. No.247 & 248, Thumkunta (V), Bommaramaram (M), Yadadri Bhuvanagiri Dist., Telengana State		
5	Type and quantity of materials segregated or recovered from e-waste of different codes as applicable to 3(A)-3(D)	Type ---	Quantity ---	

Enclose the list of recyclers to whom e-waste has been sent for recycling.

Place: Gangavaram (PO), Pedagantyada (M), Visakhapatnam Dist. **Visakhapatnam Port & Limited**

Date: 27.06.2024


(D. D. Jyothi)
Vice President (Environment)

Signature of the authorized person

Note:-

- 1 * Strike off whichever is not applicable
- 2 Provide any other information as stipulated in the conditions to the authorizer
- 3 In case filing on behalf of multiple regional offices, Bulk Consumers and Producers need to add extra rows to 1 & 3(A) with respect to each office.

Lr. No. AGPL/ENV/APPCB/2024/025

Date: 27.06.2024

To

The Environmental Engineer,
A.P. Pollution Control Board,
Regional Office,
3rd Floor, APPCB Buildings,
Main Road, Madhavadhara VUDA Colony,
Visakhapatnam

Sir,

Sub:- Adani Gangavaram Port Limited – Hazardous Waste Annual Returns – **Form – 4** – Submitted – Reg.


- Ref:-
1. CTO & HWA Order No. APPCB/ VSP/ VSP/113/CFO/HO/2015, dated 13.01.2016 valid up to 31.12.2020
 2. Consent Order No. APPCB/VSP/ VSP/113/ CFO/ HO/2020, dated 10.09.2020 valid up to 31.12.2025.
 3. Amendment CTO Order No. APPCB/ VSP/ VSP/ 113/HO/2015, dated 13.01.2023
 4. Name change Amendment order No: APPCB/VSP/113/HO/CTO/2023 Dt. 01.08.2023
 5. CTO & HWA No: APPCB/VSP/113/CTO/HO/2009, dated 22.08.2023 valid up to 31.12.2025
 6. Amendment CTO Order No: APPCB/VSP/VSP/113/HO/CTO/2020 05.01,2024

@@@

In compliance with the conditions stipulated in CTO & HWA orders vide reference cited above we are herewith submitting the Annual Returns of Generation, Storage & Disposal of Hazardous Waste (Waste/Used Oil) **for the year 2023 – 2024 in Form- 4** as per the Hazardous and other Waste (Management and Transboundary Movement) Rules, 2016 (HOWM Rules, 2016) and amendments thereof.

Kindly acknowledge receipt of the same.

Yours sincerely,


Dr. D. Jyothi,
Vice President/Environment



Encl: a/a

Adani Gangavaram Port Limited
(Formerly "Adani Gangavaram Port Private Limited")
Gangavaram Post, Pedagantyada,
Visakhapatnam, Andhra Pradesh, India - 530 044
CIN : U61100GJ2021PLC124091

Tel + 91-891-2701177, 2889999
Fax +91-891-2703377
www.adaniports.com

Registered Office : Adani Corporate House, Shanthigram, Nr. Vaishno Devi Circle, S.G. Highway, Khodiyar, Ahmedabad-382421, Gujarat, India.

FORM 4
[See rules 6 (5), 13 (8), 16(6) and 20(2)]
FORM FOR FILING ANNUAL RETURNS


[To be submitted to state pollution control board by 30th day of June of every year for the preceding period April to March]

Sl. No	General Details	:	Information	
1.	Name and address of facility	:	M/s. Adani Gangavaram Port Limited, Gangavaram (V), Pedagantyada (M), Visakhapatnam	
2.	Authorization No. and Date of Issue	:		
	1. CTO & HWA Order No. APPCB/ VSP/ VSP/113/CFO/HO/2015, dated 13.01.2016 valid up to 31.12.2020 2. Consent Order No. APPCB/VSP/ VSP/113/ CFO/ HO/2020, dated 10.09.2020 valid up to 31.12.2025. 3. Amendment CTO Order No. APPCB/ VSP/ VSP/ 113/HO/2015, dated 13.01.2023 4. Name change Amendment order No: APPCB/VSP/113/HO/CTO/2023 Dt. 01.08.2023 5. CTO & HWA No: APPCB/VSP/113/CTO/HO/2009, dated 22.08.2023 valid up to 31.12.2025 6. Amendment CTO Order No: APPCB/VSP/VSP/113/HO/CTO/2020 05.01,2024			
3.	Name of the authorized person and full Address with telephone, fax number and e-mail	:	Dr. D. Jyothi – Vice President, Environment M/s. Gangavaram Port Limited, Gangavaram (V), Pedagantyada (M), Visakhapatnam, Phone – 0891 -2889999 jyothi@gangavaram.com	
4.	Production during the year	:		
	S. No	Name of the Cargo	Consented quantity (MMTPA)	Commodities handled
	1	Liquid bulk	0.50	AGPL has handled 37.255 MMTs of Commodities viz., Iron Ore, Coal, Slag, Fertilizer, Lime Stone, Steel Products, Industrial Raw Material and Bulk Ammonia during the period from April, 2023 to March, 2024
	2	Iron Ore	3.00	
	3	Coal	25.00	
	4	Agri products	0.75	
	5	Slag	0.75	
	6	Containers	0.25	
	7	Fertilizer	2.50	
	8	Lime stone	2.50	
	9	Steel products	0.45	
	10	Industrial raw material	3.50	
	11	Bulk Alumina	1.50	
		Total	40.95	37.255 MMT

Part A. To be filled by hazardous waste generators																			
1.	Total quantity of waste generated Category wise			:															
	Previous Storage	Generation 2022 -23	Disposal 2022-23	Stored	Generation 2023 -24	Disposal 2023-24	Stored												
Quantity in MT																			
	1.40	12.60	Nil	14.0	2.80	16.80	Nil												
<p>AGPL obtained Amendment to CTO & HWA vide Order No. APPCB/ VSP/ VSP/ 113/HO/2015, dated 13.01.2023 & 05.01.2024 for Waste Oil quantities & inclusion of ship waste oil.</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Name of the Hazardous Waste</th> <th>Stream</th> <th>Qty. as per the CTO & HWA order dated 13.01.2023 & 05.01.2024</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Waste oil / Used Oil</td> <td>5.1 of Schedule - I</td> <td>25.0 MTPA</td> </tr> <tr> <td>2.</td> <td>Waste / Used Oil sludge generated in ships</td> <td>5.1 of Schedule - I</td> <td>1200 MTPA</td> </tr> </tbody> </table>								S. No.	Name of the Hazardous Waste	Stream	Qty. as per the CTO & HWA order dated 13.01.2023 & 05.01.2024	1.	Waste oil / Used Oil	5.1 of Schedule - I	25.0 MTPA	2.	Waste / Used Oil sludge generated in ships	5.1 of Schedule - I	1200 MTPA
S. No.	Name of the Hazardous Waste	Stream	Qty. as per the CTO & HWA order dated 13.01.2023 & 05.01.2024																
1.	Waste oil / Used Oil	5.1 of Schedule - I	25.0 MTPA																
2.	Waste / Used Oil sludge generated in ships	5.1 of Schedule - I	1200 MTPA																
2.	Quantity dispatched			:															
	Waste Oil /Used Oil (Port equipment generated)			:	16.80 MT														
	i. To disposal facility			:	M/s. Jyothi Lubricants, Plot No.185, IDA, Kondapalli, Krishna District – 521 228 Andhra Pradesh.														
	ii. To recycler or co-processors or pre-processor			:	---														
	Waste / Used Oil sludge generated in ships			:	867.44 MT														
	S. No.	Name & Address of the Recycler			Quantity disposed (Tons)														
	1.	M/s.Navya Waste and Used Oil Re-refining and Recycling Industry, Visakhapatnam			489.36														
	2.	Zen Waste oil Recycling Industry, Visakhapatnam			155.69														
	3.	M/s. Sri Venkateswara Lubricants, Visakhapatnam			121.59														
	4.	M/s. Krishna Lubricants			75.78														
	5.	M/s. Royal Lubricants			25.02														
		Total			867.44														
	iii. Others			:	N.A.														
3.	Quantity utilized in-house, if any-			:	Nil														
4.	Quantity in storage at the end of the year			:	Nil														

Part B. To be filled by Treatment, Storage and disposal facility operators		
1.	Total quantity received -	:
2.	Quantity in stock at the beginning of the year	:
3.	Quantity treated	:
4.	Quantity disposed in landfills as such and after treatment.	:
5.	Quantity incinerated (if applicable)	:
6.	Quantity processed other than specified above-	:
7.	Quantity in storage at end of the year	:
Part C. To be filled by recycler or co-processors or other users		
1.	Quantity of the waste received during the year- i) Domestic Sources ii) Imported (if applicable)	:
2.	Quantity in Stock at the beginning of year -	:
3.	Quantity recycled or co-processed or used-	:
4.	Quantity of product dispatched (wherever applicable) -	:
5.	Quantity of waste generated-	:
6.	Quantity of waste disposed-	:
7.	Quantity re-exported (wherever applicable)	:
8.	Quantity in the storage at the end of the year-	:

Date: 27.06.2024
Place: Gangavaram (P),
Pedagantyada (M)

For Adani Gangavaram Port Ltd. Limited

(Dr. D. Jyothi)
Vice President (Environment)

Signature of the Occupier or
Operator of the Disposal facility

Lr. No. AGPL/ENV/APPCB/2024/026

Date: 27.06.2024

To

The Environmental Engineer,
A.P. Pollution Control Board,
Regional Office,
3rd floor, APPCB Buildings,
Main Road, Madhavadhara VUDA Colony,
Visakhapatnam

Sir,

Sub:- Adani Gangavaram Port Limited – Annual Returns on Disposal of Used
batters in **Form - 8** - Submitted – Reg.

- Ref:-
1. CTO & HWA Order No. APPCB/ VSP/ VSP/113/CFO/HO/2015, dated 13.01.2016 valid up to 31.12.2020
 2. Consent Order No. APPCB/VSP/ VSP/113/ CFO/ HO/2020, dated 10.09.2020 valid up to 31.12.2025.
 3. Amendment CTO Order No. APPCB/ VSP/ VSP/ 113/HO/2015, dated 13.01.2023
 4. Name change Amendment order No: APPCB/VSP/113/HO/CTO/2023 Dt. 01.08.2023
 5. CTO & HWA No: APPCB/VSP/113/CTO/HO/2009, dated 22.08.2023 valid up to 31.12.2025
 6. Amendment CTO Order No: APPCB/VSP/VSP/113/HO/CTO/2020 05.01,2024

@@@

In compliance with the conditions stipulated in CTO & HWA orders vide reference cited above we are herewith submitting the Annual Returns of Generation, Storage & Disposal of Used Batteries for the year 2022 – 2023 in **Form- 8** as per the Batters (Management & Handling) Rules, 2010 and amendments thereof.

Kindly acknowledge receipt of the same.

Yours sincerely,


Dr. D. Jyothi,
Vice President/Environment

Encl: a/a



Adani Gangavaram Port Limited
(Formerly "Adani Gangavaram Port Private Limited")
Gangavaram Post, Pedagantyada,
Visakhapatnam, Andhra Pradesh, India - 530 044
CIN : U61100GJ2021PLC124091

Tel + 91-891-2701177, 2889999
Fax +91-891-2703377
www.adaniports.com

Registered Office : Adani Corporate House, Shanthigram, Nr. Vaishno Devi Circle, S.G. Highway, Khodiyar, Ahmedabad-382421, Gujarat, India.

FORM VIII

[see rule 10 (2) (ii)]

FORM FOR FILING RETURNS FOR BULK CONSUMER OF BATTERIES

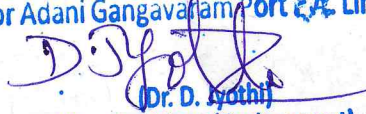
[To be submitted by the bulk consumer to the State Board by 30th June (for the period October-March) and 31st December (for the period April-September) every year]

1.	Name and Address of the bulk consumer	M/s. Adani Gangavaram Port Limited, Gangavaram (PO) Pedagantyada (V & M), Visakhapatnam Dist.
2.	Name of the Authorised person and full address with telephone and fax number	Dr. D. Jyothi Vice President - Environment Phone: 0891 - 2889999 Email: jyothi@gangavaram.com
3.	Number of new batteries of different categories purchased from the manufacturer/importer/dealer or any other agency during October-March and April September Category : (i) Automotive (a) four wheelers (b) two wheelers (ii) Industrial (a) UPS (b) Motive Power (c) Stand-by (iii) Others	(i) No. of Batteries – 50 Nos. (ii) Approximate weight - 2.50 (in Metric Tonnes) Invoice No.193700000855, Date: 05.10.2023
4.	Number of used batteries of categories mentioned in Sl. No. 3 and Tonnage of scrap sent to manufacturer/ dealer/ importer/ registered recycler/ or any other agency to whom the used batteries scrap was sent*.	M/s. Amen Industries, Phase – II, Plot No.47, Autonagar, Guntur Andhra Pradesh.

- Enclose list of manufacture/dealer/importer/registered recyclers/or any other agency to whom the used batteries scrap was sent.

Place: Gangavaram (PO), Pedagantyada (M), Visakhapatnam Dist.

Date: 27.06.2024

For Adani Gangavaram Port & A. Limited

(Dr. D. Jyothi)
Vice President (Environment)

Signature of the authorized person