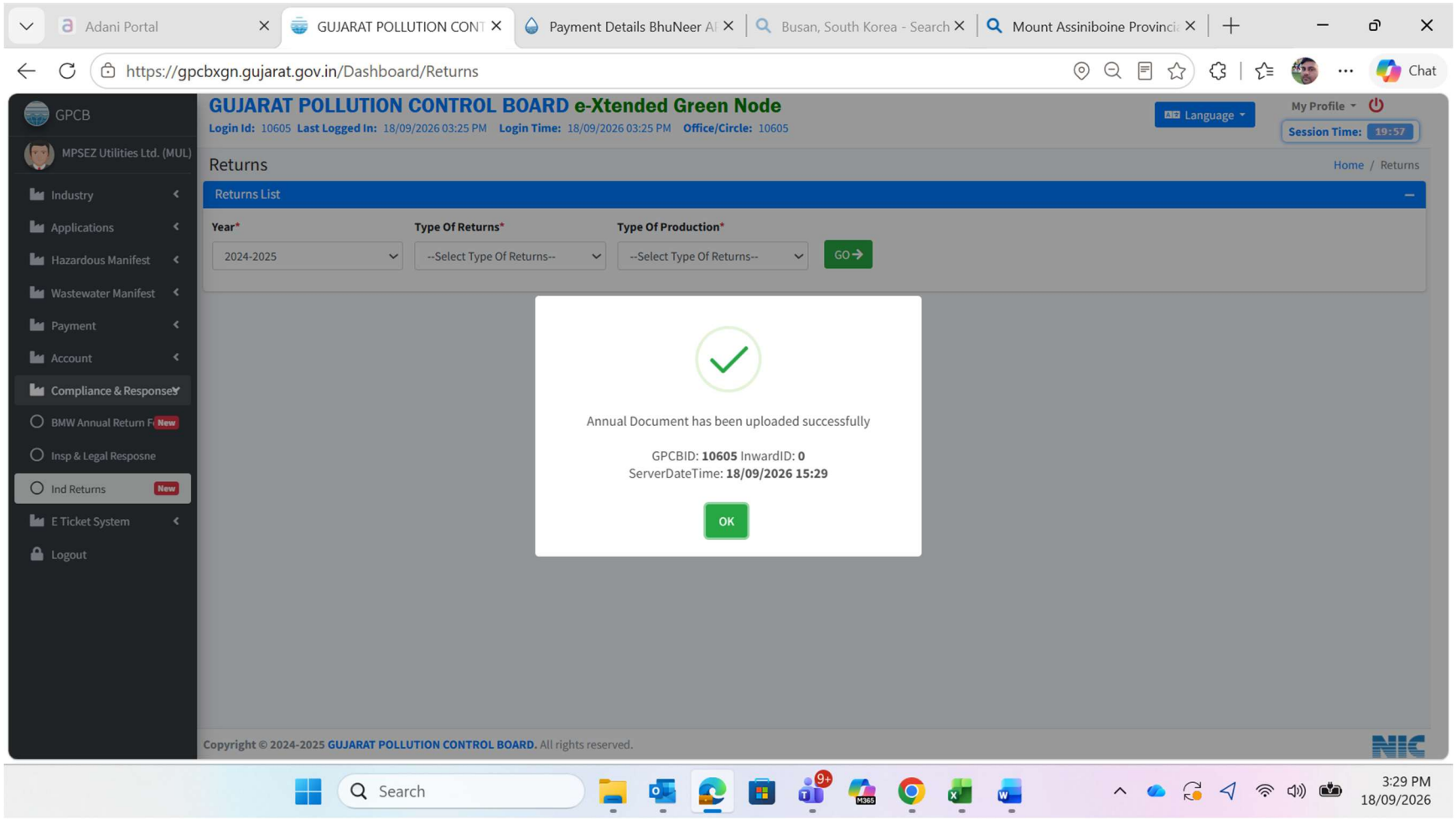
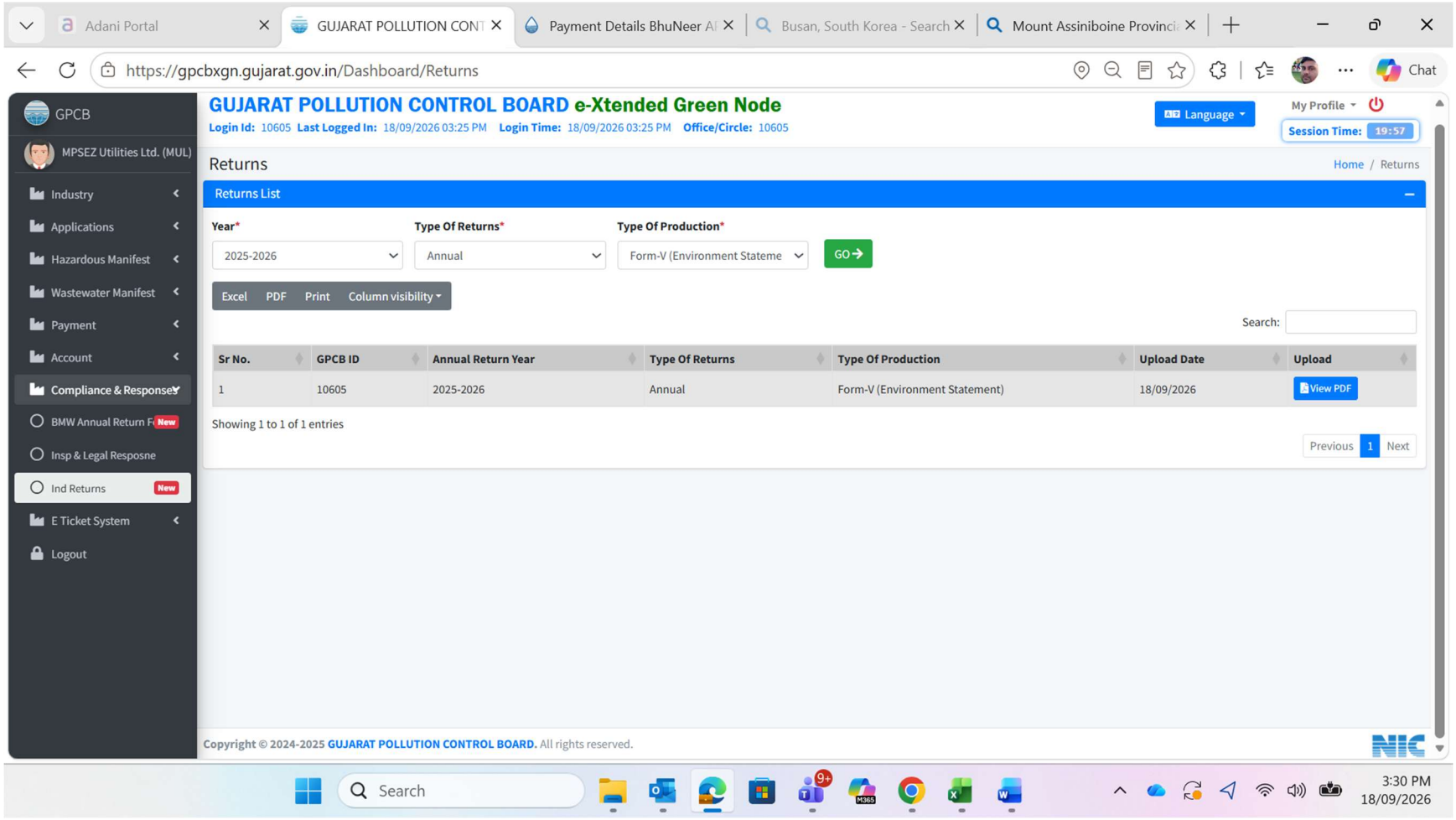

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PCB ID: 10605

FORM V
(See Rule 14)

Environmental Statement for the Financial Year ending 31st March 2026

PART – A

(i)	Name and address of the Owner/ Occupier of the Industry Operation or Process	:	Mr. Niraj Bansal CEO – Mundra & Tuna Port Adani Ports and SEZ Limited 4th Floor, Adani House, Mundra, Kutch – 370421. Ph No. (02838) 255000
(ii)	Industry Category Primary (STC Code) Secondary (STC Code)	:	Red-Large NA NA
(iii)	Production Capacity	:	Common Effluent Treatment Plant: 2.5 MLD
(iv)	Year of Establishment	:	2011
(v)	Date of last Environment Statement submitted	:	08/09/2025

Environment Statement for 2025-26 for M/s MPSEZ Utilities Ltd.

(PCB ID: 10605)

PART – B

Water and Raw Material Consumption

(i) Water Consumption

Water Consumption Cu. Mtr./Day	**Average**
Process (Chemical Dosing & CETP Operation)	4.44 m^3/day
Cooling	Nil
Domestic	1.11 m^3/day

Details of Water Consumption for the year 2025-26 are enclosed as **Annexure – 1**.

Name of Products	**Process Water Consumption per unit of Product Output**	
	During the current financial year (2024-25)	**During the current financial year (2025-26)**
Treated water from CETP*	3,02,564 KL	3,07,572 KL

*** Unit does not go under any manufacturing process. The unit involves common effluent treatment plant (CETP) having 2.5 MLD capacity for treatment of effluent (domestic + industrial) generated from various SEZ industries, APSEZ common facilities and Mundra village. Treated water from CETP is being utilized in gardening / horticulture activity within CETP & SEZ premises.**

Details of Effluent inlet and treated water outlet quantity for the year 2025-26 are enclosed as **Annexure – 1**.

(ii) Raw Material Consumption

Name of Raw Material**	**Name of Products**	**Consumption of Raw Material per Unit of output**	
		During the current financial year (2024-25)	**During the current financial year (2025-26)**
Alum	Effluent Treatment	2920 Kg	2943 Kg
Polyelectrolyte		365 Kg	365 Kg
Sodium Hypochlorite		14600 L	14712 L

**** Unit does not go under any manufacturing process. Raw material consumption as dosing chemicals for neutralization and flocculation of effluent.**

Environment Statement for 2025-26 for M/s MPSEZ Utilities Ltd.

(PCB ID: 10605)

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) Waste Water	**Parameters**	**Avg. Mass Kg/Day**	**Parameters**	**Avg.**	There is no variation from prescribed standards in terms of quality of wastewater discharge. 1. The CETP has treated water discharge of 3,07,572 KL during April 2025 – March 2026. 2. Analysis reports of treated water are enclosed as **Annexure – 2**.
	pH	-	pH	7.66	
	Total Suspended Solids	16.43	Total Suspended Solids	19.50	
	Ammoniacal Nitrogen as NH3	20.54	Ammoniacal Nitrogen as NH3	24.38	
	BOD (3 Days @ 27 oC)	16.36	BOD (3 Days @ 27 oC)	19.42	
	COD	55.12	COD	65.42	
(b) Air (DG Stack 380 KVA)	**Parameters**	**Avg. Mass Kg/Day**	**Parameters**	**Avg.**	There is no variation from prescribed standards in terms of quality of wastewater discharge. 1. DG set having capacities 380 KVA is provided as a standby power source and used during power failure. Analysis reports of stack monitoring are enclosed as **Annexure – 2.** 2. The ambient air quality monitoring is being done regularly (twice a week) through NABL and MoEF&CC recognized laboratory namely M/s Unistar Environment and Research Labs Pvt. Ltd., Vapi. 3. Analysis reports of ambient air quality monitoring are enclosed as **Annexure – 2**
	Particulate Matter (PM)	0.0002	Particulate Matter (mg/Nm3)	22.28	
	Sulphur Dioxide (SO2)	0.0002	Sulphur Dioxide (PPM)	6.88	
	Nitrogen Oxide (NOx)	0.0005	Nitrogen Oxide (NOx) (PPM)	25.11	

- Unit does not go under any manufacturing process, as the unit involves common effluent treatment plant (CETP) having 2.5 MLD capacity for treatment of effluent generated from various SEZ industries, APSEZ common facilities and Mundra village.

- Details of Effluent inlet and treated water outlet quantity for the year 2025-26 are enclosed as **Annexure – 1.**

Environment Statement for 2025-26 for M/s MPSEZ Utilities Ltd.

(PCB ID: 10605)

PART – D

Hazardous Wastes
(As specified under Hazardous Wastes Management and Handling Rules 2016)

Hazardous Wastes	Total Quantity (Kg)	
	During the current financial year (2024-25)	During the current financial year (2025-26)
(a) From Process	32.17 MT (CETP Sludge)	19.33 MT (CETP Sludge)
(b) From Pollution Control facilities	Details is Attached as **Annexure-3**	

PART – E

Solid Waste

Solid Waste	Total Quantity Generated (MT/Annum)	
	During the current financial year (2024-25)	During the current financial year (2025-26)
(a) From Process (Ash)	NIL	NIL
(b) From Pollution Control facilities	Details is Attached as **Annexure-3**	
(C-1) Quantity recycled or reutilized within the unit		
(C-2) Sold		
(C-3) Disposed		

** Above mentioned solid waste details are of the entire APSEZ area including CETP. The solid waste of CETP is also being managed in APSEZ waste management system. The solid waste (glass, paper, plastic, metal scrap and food waste) categorized in Recyclable Waste, Wet Waste and Refused Derived Fuel (RDF) and managed in common waste management facility of APSEZ.

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Environment Statement for 2025-26 for M/s MPSEZ Utilities Ltd.

(PCB ID: 10605)

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:

- "Zero Waste company" initiative by APSEZ i.e. No waste is being sent to landfill or incineration facility @ Adani Ports & SEZ, rather being managed through 5 R principal of waste Management.
- APSEZ has an eminent material recovery facility (MRF), having appropriate facility to proper segregate & recover the materials as per set process. Mixed Waste is being segregated via specialized mix waste segregation machine in two forms –Bio and Non bio without manual segregation, where risk to health hazards is minimized. Further waste is segregated into 16 streams at MRF, which is sent to different end users following the 5 R principle. To manage all operation of MRF, APSEZ developed local vendor though his past learnings and employed local women staff mainly to segregate waste.
- Wet Waste is being managed through Organic Waste Composting Facility and Biogas generation.
- Installed 02 no's biogas plant at Central Kitchen location. This plant is sufficient to manage the food Waste generated from the APSEZ area. (700 Kg + 200 kg per day)
- Dry waste and e-waste collection drive is being organized every month within townships to collect municipal solid waste as well as e-waste from households.
- Plastic Free APSEZ Drive-which demonstrate commitment towards elimination of single use plastic.
- Plastic free APSEZ Drive:
    - APSEZ pasted stickers spreading awareness among their zone as plastic are prohibited now.
    - Replacement of conventional plastic garbage collection bag with biodegradable / compostable bags & also Rafia bags (more than 120 µm size) for other waste collection.
    - Conducted Training Awareness Program with GKE Consultants Pvt. Ltd. on "ESG and Sustainability" for employee and APSEZ member industries in June 2025.
    - Plastic Waste Collection Drive was conducted on 07th June 2025 at Mundra village river, aimed at combating plastic pollution, and fostering environmental sustainability. The drive was continued for full working day and collected approx. 500 kgs of plastic waste from river area and disposed of as RDF in Ambuja Cement.
    - Awareness sessions organized among department and contract workers.
    - Made shop keepers and canteen owners to stop providing plastic carry bags to carry the material.
    - Regular supervision by Team Members at Port Canteens and Shops townships for verification of prohibition of plastic.
    - Defined 3 Levels to achieve plastic free APSEZ.

- APSEZ, Mundra has been awarded the Zero Waste to Landfill Management System certification (Certificate No.: CII/ZWL/2025/001) by the Confederation of Indian Industry (CII), valid until 22nd December 2027.

- Sludge generated from STP is being utilized as manure for horticulture purposes.

- SEZ industries are managing their waste as per their own standard procedure and following regulatory norms.

- APSEZ, demonstrating its dedication to environmental responsibility, organized a week-long program for World Environment Day/Week 2025 (June 4th - 12th). The theme, "End Plastic Pollution Globally" led a series of events focused on planting trees, raising awareness, and promoting action. Over 1,000 saplings were planted in Samudra and Shantivan colonies. Employees received Tulsi plants and participated in a cleanliness drive, collecting nearly 500 kg of waste responsibly disposed of as RDF.

- An awareness campaign organized targeting children in Shantivan & Samundra Colony focused on banning single-use plastic and water conservation. Knowledge sharing was fostered through an external training program on environmental regulations for APSEZ employees and other businesses in the SEZ. Encouraging creativity, APSEZ held online quizzes, poster competitions and waste to best. The week concluded with a special event at Adani Public School, where students took an environmental oath and received Tulsi plants. Winners of various competitions were also recognized.

PART – G

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

Energy Savings (APSEZ)

- Installed 8.8 MW roof top solar generating plant at various locations and 22.4 MW wind generating plant in SEZ in Mundra.
- Installed 8.8 MW roof top solar power plant at various locations in SEZ in Mundra which has generated nearly 8.69 million units in FY 2025-26 and utilized the renewable source of energy for captive use. This reduced the emission of CO2 by nearly 7,127 tCO2e.
- Planned development of 1000 MW Solar Park at Khavda, out of which 300 MW capacity has already been developed and in operation which has generated nearly 15.19 million units in FY 2025-26 and utilized the renewable source of energy for captive use. This reduced the emission of CO2 by nearly 12,361 tCO2e.

- **Water Conservation:**
  - Water reducers have been installed in the Residence Area and various offices.
  - Waterless urinals have been placed in various offices.
  - Modifications of flush tank have been added in water system of toilet area in Port User Buildings.
  - Recollection of water provided for hydro testing through water.
  - Sensor based automatic On/Off pump & Automatic controlled water tap which eliminates the manual Intervention and reduce the water wastage.
  - Digitization of Commercial water flow meter and domestic water meters at residential (Samundra) township for real-time monitoring and tracking the water consumption.
  - 100% Utilization of treated water for horticulture use

- Following safeguard measures are taken for abatement of dust and noise emissions:
  - ✓ Regular sprinkling on road and other open area
  - ✓ Regular cleaning of roads
  - ✓ D.G. Set having acoustic enclosures
  - ✓ Adequate greenbelt and plantation area

Environment Statement for 2025-26 for M/s MPSEZ Utilities Ltd.

(PCB ID: 10605)

PART – H

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

- Treated water from CETP is used for gardening and horticulture activity within APSEZ premises to conserve freshwater consumption.
- Unit has formed a dedicated Horticulture department & developing green belt within port premises.
- In CETP more than 11.26 ha. area is developed as greenbelt with samplings of more than 9963.
- In entire APSEZ more than 458 ha. area is developed as greenbelt with samplings of more than 9.06 Lacs.
- The following safeguard measures are taken for abatement of dust and noise emissions.
  - ✓ Regular sprinkling on road and other open areas
  - ✓ Regular cleaning of roads
  - ✓ Development of greenbelt along the periphery of the storage yards/back up area
  - ✓ D.G. Sets having acoustic enclosures.

PART – I

Any other particulars for improving the quality of environment:

- Monitoring of environmental parameters such as Air, Noise, and wastewater quality being done regular basis through MoEF&CC & NABL recognized laboratory (M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi).
- APSEZ Budget for environmental management measures (including horticulture) for the FY 2025-26 is to the tune of INR **1349.79** lakh. Out of which, Approx. INR **1042.95** is spent during the year FY 2025-26. Detailed breakup of the expenditures for the FY 2025-26 is attached as ***Annexure – 4.***
- APSEZ is driving paperless office and plastic free drive to eliminate the use of papers and plastic materials to the extent possible within ports, SEZ and residential townships.



Date: 17-09-2026

(Signature of a person carrying out an industry, operation or process)
Designation: **Head-Environment Cell**

Environment Statement for 2025-26 for M/s MPSEZ Utilities Ltd.

(PCB ID: 10605)

Annexure – 1

Water Consumption and Wastewater Details (April'25 to March'26)

Month	Wastewater details		Common Effluent Treatment Plant (CETP) Month wise Water consumption data in KL		
	Effluent & Sewage Water, KL	Treated Water, KL	Domestic, KL (Category-2)	Industrial, KL (Category-3)	Total, KL
Apr-25	30511	26732	109	27	136
May-25	29638	26755	123	31	154
Jun-25	33086	29134	104	26	130
Jul-25	33445	30712	188.8	47	236
Aug-25	35185	30230	159.2	40	199
Sep-25	30487	26959	72	18	90
Oct-25	28469	25242	132	33	165
Nov-25	26759	23303	103.2	26	129
Dec-25	25481	22158	125	31	156
Jan-26	24361	21797	148	37	185
Feb-26	22226	19482	175	44	219
Mar-26	29145	25068	180	45	225
Total	**348793**	**307572**	**1619**	**405**	**2024**
Per Month	**29066.08**	**25631.00**	**134.93**	**33.73**	**168.67**
Per Day	**955.60**	**842.66**	**4.44**	**1.11**	**5.55**

ANNEXURE – 3

Waste Disposal Details, APSEZ, Mundra

Sr. No.	Waste Description	Disposal Method	Unit	Quantity 2024-25	Quantity 2025-26
Non-Hazardous:					
1.	Dry Waste (Recyclable waste- Metal, Wood, paper, plastic etc.)	Recycle (send to reg. recycler)/ Reuse (Used by Org.)	MT	4274.89	3063.96
2.	RDF (Non-Recyclable)	Co-processing at cement plant	MT	337.3	258.59
3.	Organic Waste (included food waste)	Reprocess & Recovery Manure/biogas	MT	1101.12	0
4.	E-Waste	Recycle (send to reg. recycler)	MT	28.08	1165.27
Hazardous:					
1.	CETP-sludge	Landfilling	MT	32.17	19.33

ANNEXURE – 4

Cost of Environmental Protection Measures

Cost of Environmental Protection Measures of APSEZ, Mundra F.Y. 2025 – 26

Sr. No.	Activity	Cost incurred (INR in Lacs)		Budgeted Cost (INR in Lacs)
		2024 – 25	2025 – 26	2025 – 26
1.	Environmental Study / Audit and Consultancy	40.46	37.39	45.2
2.	Legal & Statutory Expenses	17.37	10.55	13
3.	Environmental Monitoring Services	17.27	21.38	20.46
4.	Hazardous / Non-Hazardous Waste Management & Disposal	122.46	150.67	156.13
5.	Environment Days Celebration and Advertisement / Business development	1.85	1.83	4.5
6.	Treatment and Disposal of Bio-Medical Waste	2.39	2.51	2.4
7.	Mangrove Plantation, Monitoring & Conservation	0.00	0.00	0.00
8.	Other Horticulture Expenses	570	570	831
9.	O&M of Sewage Treatment Plant and Effluent Treatment Plant (including STP, ETP of Port & SEZ & Common Effluent Treatment Plant)	164.31	216.44	227.69
10.	Expenditure of Environment Dept. (Apart from above head)	93.40	32.18	49.41
	Total	**1029.51**	**1042.95**	**1349.79**