

IL/TVM/FAC/SEZ/019/2024

19th Sep 2024

The Member Secretary,
KSPCB,
Pattom
Thiruvananthapuram – 695004.

SUB: Filing of Form V-Environmental Statement.

Dear Sir,

1. Enclosed herewith please find the Form - V Environmental statement for the year 2023-2024 (April-23 to Mar-24) filed in fulfillment of the conditions laid down under THE ENVIRONMENT (PROTECTION) RULES 1986.
2. Request acknowledge receipt.

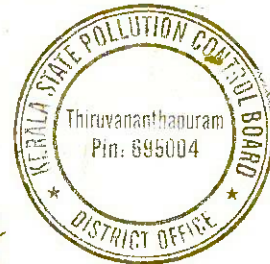
Thanking you.
Yours faithfully,



Devi Padmanabhan Nair
Senior Regional Manager - Facilities



Received
19/09/24



Received
19/09/24

Kerala State Pollution Control Board
Plamoodu Junction, Pattom Palace P.O.
Thiruvananthapuram - 695 004

INFOSYS LIMITED
SEZ Unit
Plot No. 1, Technopark Campus II
Attipra Village
Thiruvananthapuram 695 583, India
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ANNEXURE
ENVIRONMENT STATEMENT FORM-V
(See rule 14)

Environmental Statement for the financial year ending with 31st March 2024

PART-A

- i. Name and address of the owner/
Occupier of the industry
Operation or process. INFOSYS LIMITED
Plot No. 1, Technopark Campus II, SEZ,
Attipra Village,
Thiruvananthapuram - 695583.
- ii. Industry category primary- (STC Code) Secondary (STC code): NA
- iii. Production category –Units : Software Development
- iv. Year of establishment : 2010
- v. Date of the last Environmental Statement submitted : 14-Sep-2023

PART-B

Water and Raw Material Consumption:

1) Water Consumption in KLD During the FY – 2023-24			
Process	NIL		
Cooling	0.87 KLD		
Domestic	37.79 KLD		
2) Raw Material Consumption			
Name of Raw Materials	Name of Products	During the FY – 2022 – 23	During the FY – 2023 – 24
NA			

**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

Pollution Discharged to environment/unit of output
(Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutants Discharged (Mass/day)	Concentration of Pollutants Discharged (Mass/Volume)	Percentage of Variation from Prescribed Standards with Reasons
(a) Water	pH	7.18	No variation from the standards
	BOD (kg/day)	0.16	
	Oil & Grease (kg/day)	BDL	
	Suspended Solids (kg/day)	BDL	
(b) Air	NOx (kg/day)	0.42	No variation from the standards
	SOx (kg/day)	0.30	
	Particulate Matter (kg/day)	0.96	

PART –D

HAZARDOUS WASTES

(As specified under Hazardous Wastes (Management & handling Rules, 1989).

Hazardous Wastes	Total Quantity (Kg)	
	During the FY 2022 – 23	During the FY 2023 – 24
From Process: Nil From Pollution control Facilities.	NA Used Oil – 1.486 Kl Oil-soaked cotton waste -13.3 kg DG filters – 127.7 kg Paint cans /containers – 274 kg	NA Used Oil– 1.551 Kl Oil-soaked cotton waste -11 kg DG filters – 142 kg Paint cans /containers – 132 kg

PART-E

SOLID WASTES

Solid Wastes	Total Quantity (Kg)	
	During the FY - 2022 – 23	During the FY - 2023 – 24
a. From Process	1. Food Waste – 25487.13 kg 2. Paper / cardboard waste – 1660 kg 3. Plastic waste – 1100 kg 4. Metal Waste – 25883 kg 5. Used Kitchen Oil – 640 ltr 6. Others – 235 kg (wood waste, umbrella scrap)	1. Food Waste – 64034 kg 2. Paper / cardboard waste – 4550 kg 3. Plastic waste – 1250 kg 4. Metal Waste – 24520 kg 5. Used Kitchen Oil – 1654 ltr 6. Others – 28035 kg (Packing wood waste, Textile waste and umbrella scrap etc.) 7. Garden Waste and Coconut Shell – 473106 kg
b. From Pollution control facility	STP Sludge – Nil	STP Sludge – Nil
c. (1) Quantity re-cycled or re-utilized within the unit	1. Food waste of – 19742.75 kg has been fed to Biogas Plant and the gas produced is used for cooking purpose.	1. Food waste of – 37759 kg has been fed to Biogas Plant and the gas produced is used for cooking purpose. 2. Tea dust of 1992 kg has been used for landscaping purpose inside campus.

PART-F

Please specify the characteristics (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:

Description of Waste	Classification	Characteristic of Waste	Disposal Practice
E-Waste	Hazardous Waste	Solid	Sent to the authorized vendor for recycling.
UPS/DG Batteries		Solid	Sent to the authorized vendor
Biomedical Waste		Solid	Disposed through IMAGE
Food Waste	Solid Waste	Solid	Composting via Biogas & Municipal Corporation approved vendor.
Metal, Plastic, Rubber, Paper and Cardboard Waste		Solid	Sent to the authorized vendor for recycling.

PART-G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production:

Sl No.	Description	Objective
1.	<p>As a responsible corporate, the following steps are taken in Plastic Waste management.</p> <ul style="list-style-type: none"> • Replaced Single Used Plastics materials like Cake Cutting Knives, Cling films, Flex Banners, Ice cream packs and straws, PET drinking bottles, plastic cups, stirrers, spoons, plates, and Pens. • Replacement of plastic garbage bag with bio-degradable & gunny bags. • Employee awareness mailers, inhouse video prepared and circulated periodically on Single use plastic. • Onboarded Saahas Zero Waste management Company for providing end-to-end waste management services based on Life Cycle Assessment & circular economy. 	Reduction in plastic waste generation
2.	<ul style="list-style-type: none"> • Unique initiative towards safeguarding Rare Endangered and Threatened (RET) species of native plants / trees and medicinal plants is taken up. The dedicated area of 0.63 acres is planted with least concern, near threatened, vulnerable & endangered species. Native species of shrubs and trees are planted across the campus • A dedicated area has been created with flowering plants- Crotalaria, White angel, Asystasia, Jatropha, Wild Jasmine, Night Jasmine, Yellow Cosmos, Hedychium for attracting and maintain habitat for butterflies. • Avenue trees like Raintree, Gulmohar, Spathodia, Elanji, Ficus, Japanese Fern, Kadamba, Ezhilampala, Bauhunia, Cardia, Terminalia, Golden shower & Bird's cherry are grown along the roads and pathways for shade inside the campus. • Trees- Elanji & Ficus and shrubs- Nerium, Caesalpinia, Teccoma, Nikodia, Ixora and Bougainvilla etc are planted in the service roads and median outside campus for public environmental welfare. • Saplings comprising of native fruit species like Mangosteen, Ramaphal, Seethaphal, 	Increase in Biodiversity

	<p>Malasyian Jamba, Water apple, Jaathi, Anjali, Badam, Bird's cherry, Coconut tree, Fig, Kodam puli, Banana, Agasthya, Tamarind, Carambola, Pulinchikka, Jamun, Mosambi, Mangoes, Pomegranete, Amla, Sapotta, Guava, Jack fruit, Soursop & Ramboottan, various shrubs and ground covers has been planted inside the campus to increase the biodiversity.</p>	
3.	<ul style="list-style-type: none"> • Roof top solar of an 827.28 kWp, floating solar of 12.22 kWp and Wind turbine of 5 kW installed in the campus which caters to 19% of total power consumption FY 23-24 • Consolidation of building UPS for reducing power consumption, reduction from 2110 kVA to 900 kVA without any business disruption. • Phasing out of R22 refrigerant from campus • Retrofitted compound wall LED light fixture 70Wx25 Nos to 50 Wx25 Nos • MLPL 2nd Floor 28W light fixture to 20W light fixture with sensor, around 100Nos changed. • MLPL Ground Floor 50W light fixture to 25W light fixture, around 25Nos changed. • Earth Hour observed on March 23 at Campus 	Power Conservation
4.	<ul style="list-style-type: none"> • 19% of total power consumption inside campus is catered from renewable energy sources during FY 23-24 • Total renewable power generated is 1253643 kWh. • Green Energy procurement commenced in campus from February month onwards. 	Increase in renewable energy
5.	<ul style="list-style-type: none"> • Execution of roof top rainwater harvesting system for phase 2 campus buildings. • A total of 15200 KL of rainwater can be collected per year in the campus. • 35560 KL of Rainwater collected and reused inside our campus. • As part of water conservation initiatives, Aerators, smart meters, dual plumbing lines etc. are implemented inside campus. • Awareness session to employees on the importance of Water Conservation. • Sewage generated inside campus is treated through Sewage Treatment Plant (STP) of 	Water Conservation

	capacity 500KLD which is based on Membrane Bio Reactor Technology (MBR). Recycled water from Sewage treatment plant will be utilized for Irrigation, flushing & cooling purposes.	
6.	<ul style="list-style-type: none"> • Inhouse video has been created and displayed in food court on importance of waste segregation at source. • Food waste generated is fed to Biogas plant wherein the generated biogas is used for cooking purpose. • For Enhancing the operations on Bio-Gas plant, retrofitted the crusher unit machine. 	In-house treatment of Food Waste

PART-H

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

- Infosys is ISO 14001 & ISO 45001 certified.
- Continuing the Sustainable Multiplication of Plants through a Mist chamber enabling propagation of plants in-house. 10881 shrubs and 238 trees propagated FY 23-24.

PART-I

MISCELLANEOUS:

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

1. Conducting environmental quality monitoring for emissions and effluents as per the PCB standards through MOEF authorized vendor.
2. As part of various environmental observance days, International E-waste Day (14th October), National energy conservation day (14th December), World Soil Day (5th December), Earth Day (22nd April), World Environment Day (5th June), World Forest Day (21st March), World Water Day (22nd March), awareness mailers shared and displayed at building entries, online sessions were conducted for employees.
3. Shredder cum pulverizer had been installed in campus for shredding leaves & dry branches. The same is being used to increase soil composition and for mulching
4. Employee farming is encouraged inside premises. The initiative is named as Sprout, dedicated land is identified for cultivating the Crops (Banana, Amaranthus etc.)
5. Waste segregation done at source. Color coding bins are used.
6. Hazardous waste segregated and stored in designated areas and disposed of through authorized vendors.
7. Usage of green sealed chemicals for housekeeping purpose.