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26th Sep 2022

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 2021-2022 (April-21 to Mar-22) filed in fulfillment of the conditions laid down under THE ENVIRONMENT (PROTECTION) RULES 1986.

2. Request acknowledge receipt.

Thanking you.
Yours faithfully,

INFOSYS LIMITED SEZ TRIVANDRUM

Devi Padmanabhan Nair
Regional Manager - Facilities

Received
Anjali

Kerala State Pollution Control Board
Plamoodu Jun... ...om Palace P.O
Thiruvananthapuram - 695004
Received
26/9/2022

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ANNEXURE

ENVIRONMENT STATEMENT FORM-V
(See rule 14)

Environmental Statement for the financial year ending with 31st March 2022

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 : 22-Sep-2021

PART-B

Water and Raw Material Consumption:

1) Water Consumption in KLD During the FY – 2021-22			
Process	NIL		
Cooling	0.05 KLD		
Domestic	14.34 KLD		
2) Raw Material Consumption			
Name of Raw Materials	Name of Products	During the FY – 2020 – 21	During the FY – 2021 - 22
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	BDL	pH: 7.46 BOD (mg/l): 2.15 Oil & Grease (mg/l): BDL Suspended Solids (mg/l): 0.42	No variation from the standards
(b) Air	BDL	NOx (mg/Nm3): 36.49 SOx (mg/Nm3): 32.96 Particular Matter (mg/Nm3): 50.00	No variation from the standards

PART –D

HAZARDOUS WASTES

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

Hazardous Wastes	Total Quantity (Kg)	
	During the FY 2020 – 21	During the FY 2021 – 22
1. From Process: Nil 2. From Pollution control Facilities (From DG Operations)	NA Used Oil – 1.6KL Oil-soaked cotton waste -14kg DG filters – 599kg Chemical cans /containers – 67kg	NA Used Oil – 1.575KL Oil-soaked cotton waste -14kg DG filters – 83kg Paint cans /containers – 13kg

PART-E

SOLID WASTES

Solid Wastes	Total Quantity (Kg)	
	During the FY - 2020 – 21	During the FY - 2021 – 22
a. From Process	1.Food Waste – 4980 kg 2. Paper / cardboard waste – 2100kg 3. Plastic waste – 2101kg 4. Metal Waste – 6163kg 5. Kitchen Oil – 1003 ltr 6. Others – 49793kg (furniture materials as part of agile conversion)	1.Food Waste – 6515.86 kg 2. Paper / cardboard waste – 1880kg 3. Plastic waste – 750kg 4. Metal Waste – 35831kg 5. Kitchen Oil – 203 ltr 6. Others – 80393kg (furniture materials as part of agile conversion)
b. From Pollution control facility	STP Sludge – 130KL	STP Sludge – 57KL
c. Quantity re-cycled or re-utilized within the unit	1. Food waste of – 3160.73 kg has been fed to Biogas Plant and the gas produced is used for cooking purpose.	1. Food waste of – 4929.3 kg has been fed to Biogas Plant and the gas produced is used for cooking purpose.

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, OWC & Piggery
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.	As a responsible corporate, the following steps are taken in Plastic Waste management. • Single used Plastics materials like Cake Cutting Knifes, Cling films, Flex Banners, Ice cream packs and straws etc. • Replaced with alternates for certain single use plastic items such as PET drinking bottles, plastic cups, stirrers, spoons and plates and Pens. • Replacement of plastic garbage bag with bio-degradable & gunny bags. • Awareness mailer to employees urging them to avoid plastic products.	Reduction in plastic waste generation
2.	• Unique initiative towards safeguarding Rare Endangered and Threatened (RET) species of native plants / trees and medicinal plants is taken up. A dedicated area of approx. 1.5 acres is planted with RET species and medicinal plants. • Avenue trees like Mimusops elengi, Ficus benjamina and Ficus panda are planted in the service roads outside campus for public environmental welfare. • Saplings comprising of native fruit species and shrubs has been planted inside campus to increase the biodiversity.	Increase in Biodiversity
3.	• Achieved 20 % reduction in absolute electricity consumption compared to last FY. • Implemented Day Light sensors in Street lights. • Replaced all T8 Light fitting with LED Lights. • Replaced DX PAC Units with chilled water PAC Units.	Power Conservation
4.	• Grid connected Solar panels of 826kwp has been catered to 29% of total campus power consumption during FY 21-22. • Total Solar power generated is 1226525 kWh.	Increase in renewable energy
5.	• Achieved 24% reduction in freshwater consumption compared to last FY.	Water Conservation

	• Roof Rainwater collection implemented in our UGR. Rainwater collected in UGR is treated and used for domestic purpose. • The STP is based on Membrane Bio Reactor (MBR) technology. • Recycled water from Sewage treatment plant is utilized for landscaping, flushing and cooling tower purpose. • Awareness session on the importance of Water Conservation by proactive measures.	
6.	Food waste generated is fed to Biogas plant wherein the generated biogas is used for cooking purpose.	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. 7021 shrubs and 11 trees propagated FY 21-22.

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 World Environment Day (5th June), awareness mailers were sent across to employees.
3. Awareness mailers in environment protection and effective waste management circulated to employees on periodic basis.
4. As part of World Ozone Day, 16th September awareness mailers were sent across to employees.
5. Waste segregation done at source by implementing color coding for different types of waste.
6. Hazardous waste segregated and stored in designated areas and disposed of through authorized vendors.
7. Usage of green sealed chemicals for housekeeping purpose.
8. National safety week celebrations and events conducted at campus focusing on enhancing awareness of Health, safety and environment protection.
9. Awareness mailers on Grass Routes Initiative, Webinar on Aquaponics & Fish Farming and Kitchen Garden - Home Composting were sent across to employees.
10. Implemented collection of Covid 19 related wastes such as masks and gloves in exclusive waste bins to ensure safe handling.