

IL/TVM/FAC/SEZ/029/2021

22nd Sep 2021

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 2020-21 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
Regional Manager - Facilities



KERALA STATE
POLLUTION CONTROL BOARD
WADOODU JUNCTION, PATTOM PALACE P.O.
THIRUVANANTHAPURAM - 695004

Received by
C. Saha V
22/9/2021

Received by
[Signature]
22/9/21

Thiruvananthapuram-695004
INFOSYS LIMITED
SEZ Unit II, Plot No. 1
Technopark Campus II
Attipora Village
Thiruvananthapuram 695 583, India
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Corporate Office:
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ANNEXURE
ENVIRONMENT STATEMENT FORM-V
(See rule 14)

Environmental Statement for the financial year ending with 31st March 2021

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 : 17-Sep-2020

PART-B

Water and Raw Material Consumption:

1) Water Consumption in KLD During the FY – 2020-21			
Process		NIL	
Cooling		0.71 KLD	
Domestic		14.33 KLD	
2) Raw Material Consumption			
Name of Raw Materials	Name of Products	During the FY – 2019 – 20	During the FY – 2020 - 21
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	<table border="1"> <tr> <td>pH</td> <td>7.64</td> </tr> <tr> <td>BOD (mg/l)</td> <td>2.17</td> </tr> <tr> <td>Oil & Grease (mg/l)</td> <td>BDL</td> </tr> <tr> <td>Suspended Solids (mg/l)</td> <td>BDL</td> </tr> </table>	pH	7.64	BOD (mg/l)	2.17	Oil & Grease (mg/l)	BDL	Suspended Solids (mg/l)	BDL	No variation from the standards
pH	7.64										
BOD (mg/l)	2.17										
Oil & Grease (mg/l)	BDL										
Suspended Solids (mg/l)	BDL										
(b) Air	BDL	<table border="1"> <tr> <td>NOx (mg/Nm3)</td> <td>30.38</td> </tr> <tr> <td>SOx (mg/Nm3)</td> <td>63.52</td> </tr> <tr> <td>Particular Matter (mg/Nm3)</td> <td>29.02</td> </tr> </table>	NOx (mg/Nm3)	30.38	SOx (mg/Nm3)	63.52	Particular Matter (mg/Nm3)	29.02	No variation from the standards		
NOx (mg/Nm3)	30.38										
SOx (mg/Nm3)	63.52										
Particular Matter (mg/Nm3)	29.02										

PART –D

HAZARDOUS WASTES

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

Hazardous Wastes	Total Quantity (Kg)	
	During the FY 2019 – 20	During the FY 2020 – 21
1. From Process: Nil 2. From Pollution control Facilities (From DG Operations)	NA Used Oil – 1.400KL Oil-soaked cotton waste – Nil	NA Used Oil – 1.6KL Oil-soaked cotton waste -14kg DG filters – 599kg Chemical cans /containers – 67kg

PART-E

SOLID WASTES

Solid Wastes	Total Quantity (Kg)	
	During the FY - 2019 – 20	During the FY - 2020 – 21
a. From Process	1. Food Waste – 146457 kg 2. Paper / cardboard waste – 4033kg 3. Plastic waste – 887kg 4. Metal Waste – 10435kg 5. Kitchen Oil – 500 ltr 6. Others – 80222kg (75522kg of used furniture as part of agile conversion)	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)
b. From Pollution control facility	STP Sludge – 405KL	STP Sludge – 130KL
c. Quantity re-cycled or re-utilized within the unit	1. Food waste of – 45296kg has been fed to Biogas Plant and the gas produced is used for cooking purpose.	1. Food waste of – 3160.73kg 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:

SI 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"> • Identified alternates for certain single use plastic items such as PET drinking bottles, plastic cups, stirrers, spoons and plates, pens etc. Have planned to eliminate more single use plastics • Identified other areas of plastic waste generation and scout for alternates for implementation to reduce generation at source • Replacement of plastic garbage bag with bio-degradable bags & gunny bags. • Replacement of PVC flux banners with Cloth banners. 	Reduction in plastic waste generation
2.	<p>Introduced several new species of nectar producing plants in the butterfly garden to enhance the butterfly population</p> <p>We are taking care of Avenue trees like Mimusops elengi, Ficus benjamina and Ficus panda which were planted in the service roads outside campus for public environmental welfare. New plants are also being planted in this area</p> <p>Continuing with the planting of native fruit species and shrubs inside the campus</p>	Increase in Biodiversity
3.	<p>Achieved 42 % reduction in absolute electricity consumption compared to last FY</p> <p>Conversion of Workstation 56 W light fittings to 28 W LED in certain buildings</p>	Power Conservation
4.	<p>Grid connected Solar panels of 826kwp has been installed which caters to 23% of total campus power consumption.</p>	Increase in renewable energy
5.	<p>Achieved 58 % reduction in freshwater consumption compared to last FY</p> <p>The STP is based on Membrane Bio Reactor (MBR) technology. Recycled water from Sewage treatment plant will be utilized for landscaping, flushing and cooling tower purpose.</p>	Water Conservation
6.	<p>Food waste generated is fed to Biogas plant wherein the generated biogas is used for cooking purpose.</p>	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. 2639 plants Propagated FY 20-21.

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. Awareness mailers in environment protection and effective waste management circulated to employees on periodic basis
3. As part of World Environment Day 2021, awareness mailers were sent across to employees
4. Rolled out Surveys to employees on fighting against Climate change while working from home
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. Conducted online sessions on aquaponics, roof top farming and fish farming to enhance awareness of agriculture during working from home
9. National safety week celebrations and events conducted at campus focusing on enhancing awareness of Health, safety and environment protection
10. Implemented collection of Covid 19 related wastes such as masks and gloves in exclusive waste bins to ensure safe handling