

IL/MYS/KSPCB/22-23/010

Date: 29.09.2022

The Environmental Officer,  
Karnataka State Pollution Control Board  
#436 D, KIADB Industrial Area,  
KRS Road, Mysuru – 570 016

Subject: Submission of Form-5 (Environmental Statement) for financial year 2021-22

Sir,

With reference to above subject, please find herewith enclosed Form-5 (Environmental Statement) for the financial year 2021-22.

In anticipation of your favorable orders.

Cordially yours,

For INFOSYS LIMITED



AUTHORIZED SIGNATORY

Enclosures:

1. Environmental Statement in Form-V
2. STP treated water analysis reports
3. DG stack emission monitoring reports
4. Ambient air quality report
5. Ambient noise level monitoring report



**INFOSYS LIMITED**  
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Hebbal Electronics City  
Mysuru 570 027, India  
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**FORM-V**  
**ENVIRONMENTAL STATEMENT**  
(See rule 14)

Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022

**PART - A**

| Sl. No. | Particulars  |  |
|---------|--|--|
| 1       | Name and address of the owner/ occupier of the industry operation or process | Infosys Limited (Non-SEZ and SEZ)<br>350, Hebbal Electronic City,<br>Hootagalli, Mysore – 570027 |
| 2       | Industry category<br>Primary-(STC Code)<br>Secondary- (STC Code)             | Not applicable   |
| 3       | Production category – Units  | Software Development   |
| 4       | Year of establishment  | 2001   |
| 5       | Date of the last environmental statement submitted.                          | 24.09.2021   |

**PART – B**

**WATER AND RAW MATERIAL CONSUMPTION**

**1. Water Consumption**

| Sl. No. | Water consumption for                 | Cubic meter per day (m <sup>3</sup> /day) |
|---------|---------------------------------------|---|
| I       | Process:                              | Not applicable                            |
| II      | Cooling, Laundry, Back wash / rejects | 18.76                                     |
| III     | Domestic:                             | 232.51                                    |

| Name of Products | Process water consumption per unit of products |   |
|------------------|--|---|
|                  | During the previous financial year (2020-21)   | During the current financial year (2021-22) |
| Not applicable   |  |   |

**2. Raw Material Consumption**

| Name of raw materials | Name of Products | Consumption of raw material per unit of output |   |
|-----------------------|------------------|--|---|
|                       |                  | During the previous financial year (2020-21)   | During the current financial year (2021-22) |
| Not applicable        |                  |  |   |

## PART-C

### Recycled water from STP

| Pollutants     | Quantity of pollutants discharged (mass/day) in Kg/day | Concentration of pollutants discharged (mass / volume) – Average of quarterly reports                |  |            | % of variations from prescribed standards with reasons         |
|----------------|--|--|--|------------|--|
|                |  | STP-1  | STP-2  | STP-3      |  |
| pH             | --   | STP is not operational due to low flow – employees working from home due to ongoing COVID19 Pandemic | STP is not operational due to low flow – employees working from home due to ongoing COVID19 Pandemic | 8.1        | Discharged parameters are well within the prescribed standards |
| BOD            | 0.881  |  |  | 2.25 mg/l  |  |
| COD            | 5.291  |  |  | 13.5 mg/l  |  |
| TSS            | BDL (DL 2)   |  |  | BDL (DL 2) |  |
| NH4-N          | 0.223  |  |  | 0.57 mg/l  |  |
| Total Nitrogen | 1.314  |  |  | 3.36 mg/l  |  |
| Oil & Grease   | BDL (DL 2)   |  |  | BDL (DL 2) |  |
| Turbidity      | --   |  |  | 1.08 NTU   |  |
| E-Coli         | None   |  |  | None       |  |
| Total Coliform | None   |  |  | None       |  |

Note:

BDL – Below Detectable Level; DL – Detectable Level

Recycled water analysis report is enclosed

### Air emission from DG set

| Pollutants                            | Quantity of pollutants discharged (mass / day) Kg / day * | Concentration of Pollutants discharged (mass / Volume) in mg/Nm <sup>3</sup> |                 |                 | % of variations from prescribed standards with reasons         |
|---------------------------------------|---|--|-----------------|-----------------|--|
|                                       |   | Power Block-1**  | Power Block-2** | Power Block-3** |  |
| SPM                                   | 0.33  | 21.81  | 15.48           | 19.16           | Discharged parameters are well within the prescribed standards |
| SO <sub>2</sub>                       | 0.37  | 24.76  | 27.42           | 23.99           |  |
| Oxides of Nitrogen (NO <sub>x</sub> ) | 1.09  | 70.32  | 81.33           | 75.52           |  |
| Carbon monoxide (CO)                  | 0.91  | 58.89  | 49.16           | 52.75           |  |
| Non-Methyl Hydrocarbon (NMHC)         | 0.22  | 16.72  | 12.79           | 15.50           |  |

Note:

\* Cumulative value of all DG sets across power blocks put together

\*\* Average concentration of emission from DG sets of respective Power Blocks for the month of Mar'22

Stack monitoring analysis report is enclosed

**POLLUTION DISCHARGED TO ENVIRONMENT/UNIT OF OUTPUT**  
(Parameter as specified in the consent issued)

**PART - D**  
**HAZARDOUS WASTES**

(as specified under Hazardous Wastes (Management & Handling Rules, 1989))

| Sl. No.                | Hazardous Wastes                  | Total Quantity                               |   |
|------------------------|-----------------------------------|--|---|
|                        |                                   | During the previous financial year (2020-21) | During the current financial year (2021-22) |
| <b>1) From Process</b> |                                   |  |   |
| a                      | Used oil                          | 5.055 KL                                     | 6.888 KL                                    |
| b                      | Oil-soaked cotton waste           | 0.06 MT                                      | 0.178 MT                                    |
| c                      | Oil filters                       | 0.19 MT                                      | 0.324 MT                                    |
| d                      | Discarded containers              | 1.713 MT                                     | 2.396 MT                                    |
| e                      | Used batteries                    | 2.734 MT                                     | 0.907 MT                                    |
| f                      | Other - Paint Residue             | 0.3 MT                                       | 0.339 MT                                    |
| g                      | Electrical and Electronic waste   | 33.057 MT                                    | 18.18 MT                                    |
| h                      | Bio-medical waste                 | 4.697***MT                                   | 5.174***MT                                  |
| 2                      | From Pollution Control Facilities | Not Applicable                               | Not Applicable                              |

Note:

\*\*\* Includes biomedical, sanitary, and used PPEs for protection against COVID-19 pandemic

**PART - E:**  
**SOLID WASTES:**

| Sl. No.                | Solid Wastes      | Total Quantity in MT                         |   |
|------------------------|-------------------|--|---|
|                        |                   | During the previous financial year (2020-21) | During the current financial year (2021-22) |
| <b>2) From Process</b> |                   |  |   |
| a                      | Paper in MT       | 6.45   | 7.12  |
| b                      | Wood in MT        | 14.9   | 10.44                                       |
| c                      | Plastic in MT     | 7.47   | 6.26  |
| d                      | Metal in MT       | 23.04  | 16.927                                      |
| e                      | Glass in MT       | 1.51   | 2.51  |
| f                      | Food Waste in MT  | 30.33  | 29.371                                      |
| g                      | Mixed Waste in MT | 43.07  | 25.92                                       |

|   |                    |          |         |
|---|--------------------|----------|---------|
| <b>3) From Pollution Control Facilities</b>                 |                    |          |         |
| a   | STP Sludge in MT   | 167.47   | 35.23   |
| <b>4) Quantity recycled or re-utilized within the unit.</b> |                    |          |         |
| a   | Garden Waste in MT | 1434.991 | 288.388 |

**PART – F**

**CHARACTERISTICS OF HAZARDOUS AS WELL AS SOLID WASTES AND THEIR DISPOSAL PRACTICE**

| Sl. No.                | Type of waste generated  | Quantity (FY21-22) | Composition of waste | Method of disposal                  |
|------------------------|--|--------------------|----------------------|-------------------------------------|
| <b>Hazardous waste</b> |  |                    |                      |                                     |
| 1                      | Used oil   | 6.888 KL           | Liquid               | To PCB authorized recycler          |
| 2                      | Oil-soaked cotton waste  | 0.178 MT           | Solid                | To PCB authorized disposal facility |
| 3                      | Oil filters  | 0.324 MT           | Solid                | To PCB authorized disposal facility |
| 4                      | Discarded containers   | 2.396 MT           | Solid                | To PCB authorized recycler          |
| 5                      | Used batteries   | 0.907 MT           | Solid                | To PCB authorized recycler          |
| 6                      | Other - Paint Residue  | 0.339 MT           | Solid                | To PCB authorized recycler          |
| 7                      | Electrical and Electronic waste                                    | 18.18 MT           | Solid                | To PCB authorized recycler          |
| 8                      | Bio-medical waste  | 5.174 MT           | Solid                | To PCB authorized disposal facility |
| <b>Solid waste</b>     |  |                    |                      |                                     |
| 9                      | Paper<br>(carton boxes / tissue paper / shredded paper/ newspaper) | 7.12 MT            | Solid                | To Infosys approved recycler        |
| 10                     | Wood<br>(Broken piece/ old furniture / packing materials etc.)     | 10.44 MT           | Solid                | To Infosys approved recycler        |
| 11                     | Plastic<br>(Used PET bottles/ broken pipes/packing materials etc.) | 6.26 MT            | Solid                | To Infosys approved recycler        |
| 12                     | Metal<br>(Rusted iron pipes, rods, spare parts etc.)               | 16.927 MT          | Solid                | To Infosys approved recycler        |
| 13                     | Glass<br>(broken glass doors, windows, discarded glass wares etc)  | 2.51 MT            | Solid                | To Infosys approved recycler        |
| 14                     | Garden waste   | 288.388 MT         | Solid                | Inhouse composting and usage        |

|    |               |           |            |   |
|----|---------------|-----------|------------|---|
| 15 | Mixed garbage | 25.92 MT  | Solid      | To authorized waste recovery facility     |
| 16 | Food Waste    | 29.371 MT | Semi Solid | Treated at in-house biogas plant          |
| 17 | STP Sludge    | 35.23 MT  | Semi-solid | Used as manure in the premise post drying |

#### PART – G

|   |
|---|
| <b>IMPACT OF THE POLLUTION CONTROL MEASURES TAKEN ON CONSERVATION OF NATURAL RESOURCES AND CONSEQUENTLY ON THE COST OF PRODUCTION</b> |
|---|

|                |
|----------------|
| Not applicable |
|----------------|

#### PART – H & I

#### ADDITIONAL MEASURES/INVESTMENT PROPOSAL FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT OF POLLUTION, PREVENTION OF POLLUTION

#### ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF THE ENVIRONMENT

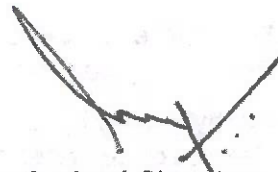
Tree Planting: Tree saplings are being planted in and around the campus to further increase the green cover area. The tree species selected are native to the region and we use organic manure for landscape maintenance. In FY 2021-22 we have planted 5130 tree saplings increasing the total number of trees planted by end of FY22 to more than 1.7 lakhs.

Following measure have been implemented towards conservation of resources, prevention of pollution and improving the quality of the environment

- In FY21-22, 90% of the electrical energy consumed in the campus is sourced through renewable energy sources, thereby reducing the carbon footprints
- Our absolute energy consumption in FY21-22 is reduced by 9% compared with FY20-21. The absolute water consumption in FY21-22 is reduced by 8% compared with FY21-22.
- Various measures have been carried-out towards energy conservation such as consolidation of buildings, extensive monitoring and optimization through operation controls etc.
- We have tied-up with waste recovery facility M/s. Saahas Waste Management Private Limited., for management of mixed waste (garbage). The mixed waste is now segregated and recovered preventing disposal to landfills.
- Regular awareness sessions are being conducted on Environmental Protection to trainees, employees and contractual staffs
- On occasion of World Environment Day 2021 following events were organized
  - Virtual session was organized on sustainable way of living

- Awareness mailers on waste management, water conservation, sustainable life-style changes- the way forward, gardening – healthy food – healthy planet etc.
- Online workshop on ecofriendly Ganesha Idol making
- As part of our CSR, we continue to take care operation and maintenance of 8 MLD STP at Hebbal Lake and maintenance of lake premise as per MoU.
- Food Waste Management – The composting unit of 600kg per day capacity is installed to treat the food waste being generated and converted to manure.
- Biodiversity Zones - Convert 2 acre of existing landscape into biodiversity zones. These forest-like zones would help retain groundwater, recharge groundwater tables and support local biodiversity. It also increases green cover and curb air pollution.
- Phasing-out R22 (ODS) refrigerant: We have replacing R22 refrigerant based air conditioners and water coolers to non-ODS based units in phased manner and targeted to eliminate by FY25. In FY22, we have replaced R22 based air conditioner of capacity 568 TR with Non-ODS based air conditioners.
- We had participated in the competition organized Indian Green Building Council (IGBC) on performance of green buildings. There were over 110 buildings from 80 Organizations had participated in the competition and we are glad to share that we have won the Excellence Awards in following buildings at Mysore Development Center-
  - ✓ SDB5 @ Mysore DC has achieved 'IGBC Performance Challenge 2021 for Green Built environment - Excellence Award' under 'IT/ITES' category
  - ✓ GEC2 @ Mysore DC has achieved 'IGBC Performance Challenge 2021 for Green Built environment - Excellence Award' under Institution category

Date: 29.09.2022



Authorized Signatory  
Ganapathy CP  
Senior Regional Manager - Facilities