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MNGSEZ/ FAC/ KSPCB/ 23-24/ 23

Date: Aug 22, 2023

To,
The Environmental Officer,
Karnataka State Pollution Control Board,
Baikampady Industrial Area,
Mangaluru – 575 011.

Dear Sir,

**Sub: Submission of Form 5**

We hereby submit the following forms.

Form 5 – Environmental Statement for the period of 2022-23.

Kindly acknowledge the same.

Thanking You,

Yours Sincerely,

Authorized Signatory
Infosys ltd,
Mangaluru -574153.

RECEIVED
Karnataka State Pollution Control Board
Plot No.10, Baikampady Industrial Area
Mangaluru-575011

**INFOSYS LIMITED**
CIN: L85110KA1981PLC013115
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**ANNEXURE**

**ENVIRONMENTAL STATEMENT FORM-V**
**(See rule 14)** **FY 2022-23**

*Environmental Statement for the financial year ending with 31st March 2023*

***PART-A***

i. *Name and address of the owner/ occupier of the industry operation or process.* : Suresh M Kunnath, Regional Manager Infosys Limited, IT/ITES SEZ, Kamblapadavu, Kurnad Post, Pajeeru Village, Bantwal Taluk, Dakshina Kannada – 574 153.

ii. *Industry category Primary-(STC Code) Secondary- (STC Code)*

iii. *Production category – Units. : NA - Software Development*

iv. *Year of establishment : 2007*

v. *Date of the last environmental statement submitted.: 26/09/2022*

***PART –B***

*Water and Raw Material Consumption:*

i. *Water consumption in m3/d*

| | |
|---|---|
| *Process* | *: Nil* |
| *Cooling (HVAC & Laundry)* | *: 13.4 $m^3/d$* |
| *Domestic* | *: 175.7 $m^3/d$* |

| Name of Products | Process water consumption per unit of products | |
|---|---|---|
| | During the previous financial year | During the current financial year |
| 1.<br>2. | NA | NA |

*ii. Raw material consumption*

| Name of raw materials* | Name of Products | Consumption of raw material per unit of output | |
|---|---|---|---|
| | | During the previous financial year | During the current financial year |
| NA | NA | NA | 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 (Kg/day) | Concentration of Pollutants discharged (mass/volume) | Percentage of variation from prescribed standards with reasons. |
|---|---|---|---|
| (a) Water** | BOD: 0.16 kg / day<br>COD:0.84 kg / day<br>TSS:0.14 kg / day<br>NH4-N:0.02 kg / day<br>N-Total:0.10 kg / day<br>Oil & Grease – BDL | pH: 6.90<br>BOD: 5.67 ppm<br>COD:29.18<br>TSS:4.93<br>NH4-N:0.727<br>N-Total:3.33<br>Oil & Grease : BDL*<br>Fecal Coliforms : <100 | No variation from standard |
| (b) Air | NOx: 0.08 Kg/day<br>SPM: 0.23 Kg/day<br>SOx: 0.04 Kg/day<br>CO:0.36Kg/day<br>NMHC:0.02kg/day | NOx: 24.72 mg/NM$^3$<br>SPM: 72.83 mg/NM$^3$<br>SOx: 1.31 mg/NM$^3$<br>CO:115.6 mg/NM$^3$<br>NMHC:6.58 mg/NM$^3$ | No variation from standard |

* BDL – Below Detection Limit

**Total STP outlet per day is 28.83 KL which is used for irrigation in the campus

## *PART-D*

### *HAZARDOUS WASTES*

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

| Hazardous Wastes | Total Quantity (Kg) | |
|---|---|---|
| | During the previous financial year | During the current financial year |
| 1. From Process | Used Oil: 1032 L<br>Waste residue containing oil:: 78.3 Kg<br>Discarded Containers: 260 Kg | Used Oil: 1856.50 L<br>Waste residue containing oil:: 140 Kg<br>Discarded Containers: 585.90 Kg |
| 2. From Pollution Control Facilities | | |

## *PART – E*

### *SOLID WASTES:*

| Solid Wastes | Total Quantity (Kg) | |
|---|---|---|
| | During the previous financial year | During the current financial year |
| a. From process | Paper: 4067 Kg<br>Food waste: 4,157 Kg **<br>Mixed waste: 4,540 Kg | Paper: 823 Kg<br>Food waste: 29976 Kg **<br>Mixed waste: 3620 Kg |
| b. From Pollution Control Facility | STP Sludge: Nil | STP Sludge: Nil |
| c. Quantity recycled or re-utilised within the unit. | Garden waste: 20519 Kg | Garden waste: 38453Kg |

** food waste 26605 Kg utilized in house for Bio gas & Vermi compost

## *PART – F*

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

| Sl. No. | Type of waste | Quantity (FY22-23) | Composition of waste | Method of disposal |
|---|---|---|---|---|
| **Hazardous waste** | | | | |
| 1 | Used oil | 1856.50 L | Oily | Sent to PCB authorized recycler |
| 2 | Waste residue containing oil | 140Kg | Solid | Sent to PCB authorized recycler |
| 3 | Discarded Containers | 585.9Kg | Solid | Sent to PCB authorized recycler |
| 4 | Bio-medical waste | 77 Kg | Solid | Sent to PCB authorized recycler |
| 5 | COVID waste | 1640.30 Kg | Solid | Sent to PCB authorized recycler |
| 6 | E-waste (used desktop, monitor Etc.) | 6330Kg | Solid | Sent to PCB authorized recycler |
| **Solid waste** | | | | |
| 7 | Paper | 823 Kg | Solid | Sent to vendor for recycling / used for in house vermi composting |
| 8 | Garden waste | 38453 Kg | Solid | Used for in house vermi composting |
| 9 | Mixed garbage | 3620 Kg | Solid | Sent to vendor for recovery / landfilling |
| 10 | Food Waste | 29976 Kg | Semi Solid | Used for bio gas production & vermi composting. Balance sent to piggeries |

## *PART-G*

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

- Campus is having 250 KLD Sewage Treatment Plant with MBBR technology and 50 KLD LETP. STP out let samples are tested regularly and monthly reports are submitted to KSPCB.
- 0.75 TPH boiler is decommissioned and not operational
- Three DG sets having capacity of 2000 KVA is operational, stack emission and noise levels are tested and reported to KSPCB on a monthly basis.
- Installed Solar Panels having capacity of 1230 kW in our campus.
- Taken various measures to ensure optimum use of power and water in the campus.
- Single use plastics are banned in the campus like plastic carry bags, straws, stirrers, plastic cutleries, carbonated bottled beverages, Plastic flex etc. Use of Bottled mineral water restricted in the campus instead we are providing purified water in glass bottles. We are also working with various food court vendors to reduce plastic packing materials of groceries.
- Battery operated Golf carts and goods carts are used in the campus.
- Campus declared as Nonsmoking zone and smoking is prohibited in the campus
- We are having six rain water harvesting ponds in the campus having capacity to hold 953 lakh liters of water.
- Tree plantation: Planted more than 2,35,000 trees over a period of 10 years. Planted 908 trees during FY 2022-23.

## *PART – H*

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

- We have taken a target of 5 % reduction in per capita power and water consumption.
- We have plans for implementation of Rain water Harvesting system in our campus
- We have plans for planting of 500 saplings during FY 2023-24
- Feasibility study of upgrading of our STP to MBR technology is in progress

## *PART –I*

***MISCELLANEOUS:***

*Any other particulars inrespect of environmental protection and abatement of pollution.*

*Nil*

*Mangalore*
*22-Sep-2023*

*Authorised Signatory*
*Regional Manager – Facilities*