

IL/MYS/KSPCB/21-22/007

Date: 23.09.2021

The Environmental Officer,
Regional Office-1
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
Plot No: 350
Hebbal Electronics City
Mysuru 570 027, India
T 91 821 240 4101
F 91 821 240 4200

Corporate Office:
CIN: L85110KA1981PLC013115
44, Infosys Avenue
Electronics City, Hosur Road
Bengaluru 560 100, India
T 91 80 2852 0261
F 91 80 2852 0362
askus@infosys.com
www.infosys.com

FORM-V
ENVIRONMENTAL STATEMENT
(See rule 14)

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

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) 350, Hebbal Electronic City, Hootagalli, Mysore – 570027
2	Industry category Primary-(STC Code) Secondary- (STC Code)	Not applicable
3	Production category – Units	Software Development
4	Year of establishment	2001
5	Date of the last environmental statement submitted.	14.09.2020

PART – B

WATER AND RAW MATERIAL CONSUMPTION

1. Water Consumption

Sl. No.	Water consumption for	Cubic meter per day (m ³ /day)
I	Process:	Not applicable
II	Cooling, Laundry, Back wash / rejects	24.20
III	Domestic:	248.75

Name of Products	Process water consumption per unit of products	
	During the previous financial year (2019-20)	During the current financial year (2020-21)
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 (2019-20)	During the current financial year (2020-21)
Not applicable			

PART-C

Recycled water from STP

Pollutants	Quantity of pollutants discharged (mass/day) in Kg/day	Concentration of pollutants discharged (mass / volume)			% 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	7.77	Discharged parameters are well within the prescribed standards
BOD	1.677			2 mg/l	
COD	10.064			12 mg/l	
TSS	BDL (DL 2)			BDL (DL 2)	
NH4-N	0.729			0.87 mg/l	
Total Nitrogen	5.694			6.79 mg/l	
Oil & Grease	BDL (DL 2)			BDL (DL 2)	
Turbidity	--			1.4 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 ³			% of variations from prescribed standards with reasons
		Power Block-1**	Power Block-2**	Power Block-3**	
SPM	0.34	26.52	29.08	29.01	Discharged parameters are well within the prescribed standards
Oxides of Nitrogen (NOx)	0.80	54.18	56.05	57.58	
Carbon monoxide (CO)	0.72	55.98	59.63	57.99	
Non-Methyl Hydrocarbon (NMHC)	0.15	12.6	12.35	13.64	
SO ₂	0.29	18.32	19.41	18.87	

Note:

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

** Average concentration of emission from DG sets of respective Power Blocks
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 (2019-20)	During the current financial year (2020-21)
1) From Process			
a	Used oil	5.039 KL	5.055 KL
b	Oil-soaked cotton waste	0.024 MT	0.06 MT
c	Oil filters	0.191 MT	0.19 MT
d	Discarded containers	6.443 MT	1.713 MT
e	Used batteries	386 Nos.	2.734 MT
f	Other - Paint Residue	0	0.3 MT
g	Electrical and Electronic waste	70.155 MT	33.057MT
h	Bio-medical waste	9.669 MT	4.697*** 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 (2019-20)	During the current financial year (2020-21)
2) From Process			
a	Paper in MT	37.38	6.45
b	Wood in MT	32.09	14.9
c	Plastic in MT	25.55	7.47
d	Metal in MT	82.688	23.042
e	Glass in MT	19.12	1.51
f	Food Waste in MT	254.852	30.339
g	Mixed Waste in MT	326.63	43.07

3) From Pollution Control Facilities			
a	STP Sludge in MT	1309.568	167.47
4) Quantity recycled or re-utilized within the unit.			
a	Garden Waste in MT	723.065	1434.991

PART – F

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

Sl. No.	Type of waste generated	Quantity (FY20-21)	Composition of waste	Method of disposal
Hazardous waste				
1	Used oil	5.055 KL	Liquid	To PCB authorized recycler
2	Oil-soaked cotton waste	0.06 MT	Solid	To PCB authorized disposal facility
3	Oil filters	0.19 MT	Solid	To PCB authorized disposal facility
4	Discarded containers	1.713 MT	Solid	To PCB authorized recycler
5	Used batteries	2.734 MT	Solid	To PCB authorized recycler
6	Other - Paint Residue	0.3 MT	Solid	To PCB authorized recycler
7	Electrical and Electronic waste	33.057 MT	Solid	To PCB authorized recycler
8	Bio-medical waste	4.697 MT	Solid	To PCB authorized disposal facility
Solid waste				
9	Paper (carton boxes / tissue paper / shredded paper/ newspaper)	6.45 MT	Solid	To Infosys approved recycler
10	Wood (Broken piece/ old furniture / packing materials etc.)	14.9 MT	Solid	To Infosys approved recycler
11	Plastic (Used PET bottles/ broken pipes/packing materials etc.)	7.47 MT	Solid	To Infosys approved recycler
12	Metal (Rusted iron pipes, rods, spare parts etc.)	23.042 MT	Solid	To Infosys approved recycler
13	Glass (broken glass doors, windows, discarded glass wares etc)	1.51 MT	Solid	To Infosys approved recycler
14	Garden waste	1434.991 MT	Solid	Inhouse composting and usage

15	Mixed garbage in MT	43.07	Solid	To authorized waste recovery facility
16	Food Waste in MT	30.339	Semi Solid	Treated at in-house biogas plant
17	STP Sludge in MT	167.47	Semi-solid	Used as manure in the premise post drying

PART – G

IMPACT OF THE POLLUTION CONTROL MEASURES TAKEN ON CONSERVATION OF NATURAL RESOURCES AND CONSEQUENTLY ON THE COST OF PRODUCTION

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 2020-21 we have planted 983 tree saplings increasing the total number of trees planted by end of FY21 to more than 1.65 lakhs.

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

- In FY20-21, 88.9% of the electrical energy consumed in the campus is sourced through renewable energy sources, thereby reducing the carbon footprints
- Our absolute energy consumption in FY20-21 is reduced by 52.85% compared with FY19-20. The absolute water consumption in FY20-21 is reduced by 81.3% compared with FY19-20.
- Various measures have been carried-out towards energy conservation such as consolidation of buildings, extensive monitoring and optimization through operation controls, replacement of conventional chillers with magnetic chillers and high efficiency chillers at GEC1 and ILI building respectively
- We have installed lamella clarifiers for treatment of reject water from raw water treatment plants. The rejects from WTPs were being discharged into STP for treatment. These rejects is now being treated at lamella clarifier and used for domestic purpose thus reducing the fresh-water consumption.
- 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.

- As part of our *#BeatPlasticPollution* campaign, we eliminated use of various single-use-plastics in the campus such as pet bottles, soft drinks plastic bottles, garbage covers, plastic stirrers, plastic covers, thermocol, oil packs, visiting card boxes, garbage bags etc. Significantly reduced use of mineral water bottles.
- Regular awareness sessions are being conducted on Environmental Protection to trainees, employees and contractual staffs
- On occasion of World Environment Day 2020 following events were organized
 - Talk by Dr. C G Kushalappa, Dean (Forestry) on Sustainable Development with Environment
 - 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, the development of Hebbal Lake is completed. The construction of 8 MLD capacity STP with MBR technology is completed and commissioned. The recycled water meeting the stipulated norms is being fed into the lake. The abandoned and dying Lake before rejuvenation is now one of the most preferred location for public, bird watchers, walkers and much appreciated by Mysoreans across all walks of life

Date: 23.09.2021

Authorized Signatory
Ganapathy CP
Senior Regional Manager - Facilities