

IL/MYS/KSPCB/19-20/008

Date: 22.08.2019

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 2018-19

Sir,

With reference to above subject, please find herewith enclosed Form-5 (Environmental Statement) for the financial year 2018-19.

In anticipation of your favorable orders

Cordially yours,

For INFOSYS LIMITED

AUTHORIZED SIGNATORY

Enclosures:

1. STP treated water analysis report
2. DG Stack monitoring report



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FORM-V
ENVIRONMENTAL STATEMENT
(See rule 14)

Environmental Statement for the financial year ending with 31st March 2019

PART - A

Sl. No.	Particulars	
1	Name and address of the owner/ occupier of the industry operation or process	Infosys Limited (STPI 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.	27.09.2018

PART – B

WATER AND RAW MATERIAL CONSUMPTION

1. Water Consumption

Sl. No.	Water Consumption for	Cubic Meter per Day (m ³ /D)
i	Process:	174.56
ii	Cooling, spraying, boiler feed.(Chiller + Laundry)/ Industrial	74.61
iii	Domestic:	1,542.71

Name of Products	Process water consumption per unit of products	
	During the previous financial year (2017-18)	During the current financial year (2018-19)
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 (2017-18)	During the current financial year (2018-19)
Not applicable			

PART-C

Pollutants	Quantity of pollutants discharged	Concentration of pollutants discharged (mass / volume)			% of variations from prescribed standards with reasons
		STP-1*	STP-2	STP-3	
Recycled Water from Sewage Treatment Plant	pH	--	7.45	7.25	Discharged parameters are within the prescribed limits
	BOD, mg/l	--	3	5	
	COD, mg/l	--	29	33	
	Turbidity, NTU	--	<1	<1	
	E-Coli	--	Absent	Absent	
	Res. Chlorine, Mg/l**	--	BDL (DL 0.2)	BDL (DL 0.2)	
	Oil & Grease, mg/l	--	BDL (DL 2)	BDL (DL 2)	
	NH4-N, mg/l	--	1.47	BDL (DL 0.5)	
	T. Suspended Solids, mg/l	--	BDL (DL 2)	BDL (DL 2)	
	Total Nitrogen, mg/l	--	7.93	6.99	
	Colour, Hazens	--	Colorless	Colorless	
	Odour	--	Odorless	Odorless	
		Power Block-1	Power Block-2	Power Block-3	
Air Emissions from DG	SPM (mg/Nm3)	21.62	18.8	23.27	
	Sulphur dioxide (mg/Nm3)	22.3	21.75	22.2	
	Nitrogen dioxide (mg/Nm3)	59.06	57.45	53.7	
	Carbon monoxide (mg/Nm3)	52.86	47.45	54.53	
	Non Methyl Hydrocarbon (mg/Nm3)	11.16	11.55	11.7	

Note: Treated water report and stack report attached.

* STP1 is not being operated due to low influent quantities. The waste water generated is being treated at STP2 & STP3

** UV system has been put in place for tertiary treatment

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 (2017-18)	During the current financial year (2018-19)
1	From Process		
a	Used oil in kl	4.098	7.022
b	Oil soaked cotton waste in MT	0.023	0.032
c	Oil filters in MT.	0.121	0.404
d	Discarded containers in MT.	4.182	6.583
e	Used batteries in Nos.	107	56
f	E-waste in MT	16.48	52.03
g	Bio-medical waste MT	5.877	9.386
2	From Pollution Control Facilities	Not Applicable	

**PART - E:
SOLID WASTES:**

Sl. No.	Solid Wastes	Total Quantity (MT)	
		During the previous financial year (2017-18)	During the current financial year (2018-19)
1	From Process		
a	Paper in MT	20.79	54.21
b	Wood in MT	25.04	42.37
c	Plastic in MT	17.58	39.23
d	Metal in MT	99.85	157.27
e	Glass in MT	3.09	9.51
f	Food Waste in MT	196.95	223.85
g	STP Sludge in MT	553.19	1359.902
2	From Pollution Control Facilities	Not Applicable	
3	Quantity recycled or re-Utilized within the unit.	Not Applicable	

Note: The organic waste, STP sludge and cumulative inorganic waste generation quantities are well within the stipulated limits.

PART – F
CHARACTERISTICS OF HAZARDOUS AS WELL AS SOLID WASTES AND THEIR DISPOSAL

Sl. No.	Type of Waste Generated	Quantity (FY18-19)	Composition of waste	Method of disposal
Hazardous waste				
1	Used oil in kl	7.022	Liquid	To PCB authorized recycler
2	Oil soaked cotton waste in kg	0.032	Solid	To PCB authorized disposal facility
3	Oil filters in Nos.	0.404	Solid	To PCB authorized disposal facility
4	Discarded containers in Nos.	6.583	Solid	To PCB authorized recycler
5	Used batteries in Nos.	56	Solid	To PCB authorized recycler
6	E-waste in MT	52.03	Solid	To PCB authorized recycler
7	Bio-medical waste MT	9.386	Semi-solid	To PCB authorized disposal facility
Solid waste				
7	Paper in MT (carton boxes / tissue paper / shredded paper/ newspaper)	54.21	Solid	To Infosys Approved recycler
8	Wood in MT (Broken piece/ old furniture / packing materials etc.)	42.37	Solid	To Infosys Approved recycler
9	Plastic in MT (Used PET water bottles / broken pipes / packing materials etc.)	39.23	Solid	To Infosys Approved recycler
10	Metal in MT (Rusted iron pipes, rods, spare parts, umbrella rods etc.)	157.27	Solid	To Infosys Approved recycler
11	Glass in MT (broken glass doors, windows, discarded glass wares or articles)	9.51	Solid	To Infosys Approved recycler
11	Food Waste in MT	223.85	Organic	Treated at in-house biogas plant
12	STP Sludge	1359.902	Semi-solid	Used as manure in the premises 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

Infosys Mysore Campus – LEED Platinum Rated Campus: The Infosys Mysuru Campus has been awarded the LEED EBOM (Leadership in Energy and Environmental Design - Existing Building Operation & Maintenance) Platinum Certification by the United States Green Building Council (USGBC) - **2.87 million sqf.** of built-up area is covered under this certification. The newer building SDB5, SDB6 and SDB7 are already certified with LEED Platinum green buildings.

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 2018-19 we have planted 10,147 tree saplings increasing the total number of trees planted by end of FY19 to more than 1.6 lakhs.

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

- In FY18-19, 82.4% of the electrical energy consumed in the campus is sourced through renewable energy sources, thereby reducing the carbon footprints
- We have reduced our per capita energy consumption by 3.9% in FY18-19 compared with the baseline of FY17-18. Our per capita energy consumption has dropped to 52.8% compared with baseline of FY07-08.
- Key tags were installed for workstation lighting at SDB5 and SDB6 buildings to reduce energy consumption
- We have reduced our per capita water consumption by 62.4% in FY19 compared with baseline of FY07-08
- The recycled water connectivity to buildings - GEC1, SDB1, SDB2, SDB3, ILI, Multiplex, RC, ECC1 & 2 and SUs is completed to reuse it for flushing purpose resulting in reduction of fresh water consumption.
- Following events and actions are implemented on occasion of World Environment Day 2018. The theme of WED2018 was "Beat Plastic Pollution"
 - ✓ As a part of our commitment to the UNEP, we took a pledge to make our campus non-recyclable plastic-free and reduce the recyclable plastic waste generation to 50% per capita. Towards this, we have eliminated use of single-use plastics in the campus viz. carry-bags, cups, spoons, straws, thermocol, stirrers, plates and food packaging materials. The plastic garbage bags are replaced with bio-degradable bags made from corn starch (approved by CPCB). Drinking water bottles are replaced with glass

bottles, PET aerated drinks bottles are replaced with tins, edible oil packets are replaced with metal tins.

- ✓ The wildlife documentaries "Monkey Kingdom" and "the Hunt" were played to create awareness among the employees on wildlife conservation
- ✓ Bicycling camp to encourage employee to commute to office using bicycle
- Regular awareness sessions are being conducted on Environmental Protection to trainees, employees and contractual staffs
- Won First Place for "Best Ornamental Gardens" under Large Garden Category during Dasara Flower Show Competition organized by Mysore Horticulture Department
- As part of our CSR, the development of Hebbal Lake is completed. The construction of 8 MLD capacity STP with MBR technology is in progress.

Date: 22.08.2019



Authorized Signatory
Ganapathy CP
Regional Manager - Facilities