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POWERED BY INTELLECT
DRIVEN BY VALUES

IL/MYS/KSPCB/20-21/006

Date: 14.09.2020

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 2019-20

Sir,

With reference to above subject, please find herewith enclosed Form-5 (Environmental Statement) for the financial year 2019-20.

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

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FORM-V
ENVIRONMENTAL STATEMENT
(See rule 14)

Environmental Statement for the financial year ending with 31st March 2020

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.	22.08.2019

PART – B

WATER AND RAW MATERIAL CONSUMPTION

1. Water Consumption

Sl. No.	Water Consumption for	Cubic Meter per Day (m^3/D)
I	Process:	96.50
II	Cooling, spraying, boiler feed (Chiller + Laundry)/ ~~Industrial~~	71.14
III	Domestic:	1294.43

Name of Products	Process water consumption per unit of products	
	During the previous financial year (2018-19)	During the current financial year (2019-20)
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 (2018-19)	During the current financial year (2019-20)
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	7.23	7.53	7.39	Discharged parameters are within the prescribed limits
	BOD, mg/l	4.4	4	4	
	COD, mg/l	20	20	30	
	Turbidity, NTU	<1	<1	<1	
	E-Coli	Absent	Absent	Absent	
	Res. Chlorine. Mg/l*	<0.2	<0.2	<0.2	
	Oil & Grease, mg/l	<0.1	<0.1	<0.1	
	Ammonical Nitrogen, mg/l	<0.1	<0.1	0.43	
	T. Suspended Solids, mg/l	<1.0	<1.0	<1.0	
	Total Nitrogen, mg/l	9.69	9.97	3.43	
	Colour, Hazens	<5	<5	<5	
	Odour	Agreeable	Agreeable	Agreeable	
		Power Block-1	Power Block-2	Power Block-3	
Air Emissions from DG	SPM (mg/Nm3)	31.26	27.70	27.22	
	Sulphur-di-oxide (mg/Nm3)	13.10	21.52	23.10	
	Oxides of Nitrogen (mg/Nm3)	49.12	58.20	63.35	
	Carbon monoxide (mg/Nm3)	52.44	43.62	48.26	
	Non-Methyl Hydrocarbon (mg/Nm3)	11.25	11.26	15.16	

Note: Treated water report and stack report attached.
* 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 (2018-19)	During the current financial year (2019-20)
1	From Process		
a	Used oil in kl	7.022	5.039
b	Oil soaked cotton waste in MT	0.032	0.024
c	Oil filters in MT.	0.404	0.191
d	Discarded containers in MT.	6.583	6.443
e	Used batteries in Nos.	56	386
f	E-waste in MT	52.03	70.155
g	Bio-medical waste MT	9.386	9.669
2	From Pollution Control Facilities	Not Applicable	

PART - E:
SOLID WASTES:

Sl. No.	Solid Wastes	Total Quantity (MT)	
		During the previous financial year (2018-19)	During the current financial year (2019-20)
1	From Process		
a	Paper in MT	54.21	37.38
b	Wood in MT	42.37	32.09
c	Plastic in MT	39.23	25.55
d	Metal in MT	157.27	82.688
e	Glass in MT	9.51	19.12
f	Food Waste in MT	223.85	254.852
g	STP Sludge in MT	1359.902	1309.568
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 quantity of inorganic waste generation 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 (FY19-20)	Composition of waste	Method of disposal
Hazardous waste				
1	Used oil in kl	5.039	Liquid	To PCB authorized recycler
2	Oil soaked cotton waste in kg	0.024	Solid	To PCB authorized disposal facility
3	Oil filters in Nos.	0.191	Solid	To PCB authorized disposal facility
4	Discarded containers in Nos.	6.443	Solid	To PCB authorized recycler
5	Used batteries in Nos.	386	Solid	To PCB authorized recycler
6	E-waste in MT	70.155	Solid	To PCB authorized recycler
7	Bio-medical waste MT	9.669	Semi-solid	To PCB authorized disposal facility
Solid waste				
7	Paper in MT (carton boxes / tissue paper / shredded paper/ newspaper)	37.38	Solid	To Infosys Approved recycler
8	Wood in MT (Broken piece/ old furniture / packing materials etc.)	32.09	Solid	To Infosys Approved recycler
9	Plastic in MT (Used PET water bottles / broken pipes / packing materials etc.)	25.55	Solid	To Infosys Approved recycler
10	Metal in MT (Rusted iron pipes, rods, spare parts, umbrella rods etc.)	82.688	Solid	To Infosys Approved recycler
11	Glass in MT (broken glass doors, windows, discarded glass wares or articles)	19.12	Solid	To Infosys Approved recycler
11	Food Waste in MT	254.852	Organic	Treated at in-house biogas plant
12	STP Sludge in MT	1309.568	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

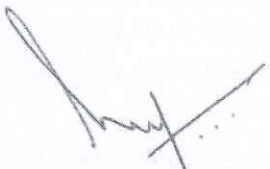
Tree Planting: Tree saplings are being planted in and around the campus to further increase the green cover area. The tree species selected are native to the region and we use organic manure for landscape maintenance. In FY 2019-20 we have planted 3,501 tree saplings increasing the total number of trees planted by end of FY20 to more than 1.64 lakhs.

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

- In FY19-20, 91.4% 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 4.34% in FY19-20 compared with the baseline figures of FY18-19. Our per capita energy consumption has dropped to 54.8% compared with baseline of FY07-08.
- Various measures have been carried-out towards energy conservation such as consolidation of buildings, extensive monitoring and optimization through operation controls, extending centralized air conditioning to UPS rooms in SDB-5 etc.
- We have reduced our per capita water consumption by 68.6% in FY20 compared with baseline of FY07-08
- The recycled water connectivity to reception block and floating restaurant is completed to reuse it for flushing purpose resulting in reduction of fresh water consumption.
- 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 etc., significantly minimized use of mineral water bottles. Our recyclable plastic waste generation is reduced by 29% in FY20 compared with FY19.
- Regular awareness sessions are being conducted on Environmental Protection to trainees, employees and contractual staffs

- On occasion of World Environment Day 2019 following events were organized
    - Talk by Mr. K M Chinnappa on wildlife conservation
    - Bicycle ride along with eco-tour of the campus
    - Screening of wildlife documentary – "Planet Earth"
    - Wildlife trek to Brahmagiri, Coorg – to create awareness on wildlife conservation to eco-club members
    - Road show to promote green energy installation for residential use
- The workshop was organized to staff members on occasion of National Energy Conservation Day in association with KREDL
- We encouraged visits of officials from various ULBs on sharing best practices related to water conservation, energy conservation and waste management.
- 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 completed and commissioning is in progress.

Date: 14.09.2020



Authorized Signatory
Ganapathy CP
Regional Manager - Facilities