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KSPCB/FORM-V/2020-21/06

23rd August, 2021

The Regional Officer,
KSPCB, Bommanahalli,
Nisarga Bhavan, 2nd Floor,
Thimmaiah Road, 7th 'D' Main,
Shivanagar, Opp. Pushpanjali Theatre,
Bengaluru – 560010.

Dear Sir/Madam,

Subject: Submission of Environmental Statement (Form - V) for Crescent SEZ Building, Bangalore

With reference to above subject, we hereby submitting the Environmental Statement (Form V) for the FY 2020-21 of our Crescent, SEZ building, Plot No.57, 58, 59, 63, Sy No. 157, 158, 161, 64, 65, Electronic City Phase 1, Bangalore 560100. Enclosed the copies of the same for your reference.

1. Form-V for Crescent SEZ Building, Bangalore
2. Copy of Stack monitoring report
3. Copy of Ambient air quality analysis report
4. ~~Copy of Treated sewage analysis report~~ .

Yours Sincerely,

For INFOSYS LIMITED

AUTHORIZED SIGNATORY

INFOSYS LIMITED
CIN: L85110KA1981PLC013115

Form - V

Environmental Statement

April 2020 – March 2021

ANNEXURE

ENVIRONMENTAL STATEMENT FORM-V
(See rule 14)

Environmental Statement for the financial year ending with 31st March

PART-A

i. Name and address of the owner: occupier of the industry	**M/s Infosys Limited** Plot No.57, 58, 59, 63, Sy No. 157, 158, 161, 64, 65, Electronic City Phase 1, Bangalore - 560100
Operation or process.	Software Development
ii. Industry category Primary- (STC Code) Secondary- (STC Code)	Red Category
iii. Production category. Units.	Software Development
iv. Year of establishment	07.02.2020
v. Date of the last environmental statement submitted.	NA

PART–B

Water and Raw Material Consumption:

i. Water consumption in m3/d

Process: NA

Cooling (Fresh Water): Nil

Domestic: Approximately. ***33.69 m^3/day***

Enclosures:

1) Copy of Test report for Treated Sewage
2) Copy of Test report for D.G set emissions
3) Copy of Test report for Ambient air quality

Name of Products	Process water consumption per unit of products output	
	During the previous financial year	During the current financial year
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			

** 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)

a) Water

Pollutants	UOM	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage of variation from prescribed Standards with reasons.
pH	-	7.82	7.82	No Variations from standard
BOD	mg/l	0.03	5.20	
COD	mg/l	0.16	26.25	
Total Suspended Solids	mg/l	0.01	2.25	
NH4-N	mg/l	0.00	0.69	
Total Nitrogen	mg/l	0.01	2.10	
Fecal Coliform	MPN/100 ml	0.08	13.5	

b) Air

Pollutants	UOM	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage of variation from prescribed Standards with reasons.
SPM	mg/Nm3	0.05	17.92	No Variations from standard
SOx	mg/Nm3	0.32	115.21	
NOx	mg/Nm3	0.66	241.39	
Carbon Monoxide	mg/Nm3	0.31	111.79	
Non methyl Hydrocarbon	mg/Nm3	0.00	1.00	

PART-D

HAZARDOUS WASTES

[As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016].

Hazardous Wastes	Obtained limits from KSPCB	Total Quantity	
		During the current Financial year 2019-20	During the current Financial year 2020-21
1. Used Oil	5 KL/A		0.390 KL/A
2. Oil-soaked cotton waste 3. DG oil filters	0.5 MT/A	This location was not established in FY2019-20	0.06 MT/A (Cotton waste & oil filters)
4. Empty barrels / Containers/ liners contaminated with hazardous chemicals/wastes	2.5 MT		Nil

PART - E

SOLID WASTES:

Solid Wastes	Total Quantity (Kg/A)	
	During the current Financial year 2019-20	During the current Financial year 2020-21
a. From process	This location was not established in FY 2019-20	Food waste: NIL STP Sludge waste: NIL Other Solid wastes: Centralized collection & disposal from main E-city campus
b. From Pollution Control Sources-STP		Sludge from STP NIL
c. Quantity recycled or re-Utilized within the unit.		Food waste is treated in house through OWC & Biogas plant. STP sludge is treated through sludge solar drying bed All other solid wastes are sent to main campus & disposed to the registered recyclers

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.

Waste is segregated at source. A color code for bins has been devised and implemented for different types of waste.

The color codes are as follows:

- Green for bio-degradable waste
- Red for toxic waste
- Blue for dry recyclable waste
- Grey for e-waste

A focused approach to solid waste management has resulted in better disposal systems. Solid waste included all the Non-hazardous waste viz., paper/ cardboard waste, plastic waste, metal waste, wood waste and garden waste.

Hazardous waste:

- Used Oil / filters / oil-soaked cotton waste – Sent to registered KSPCB authorized recyclers as per Hazardous Waste Rules
- Batteries – will be sent to registered KSPCB authorized battery recyclers through main campus.

Waste category	Total Quantity (MT/A)		Concentration	Disposal Practice
	During the current Financial year (FY 2019-20)	During the current Financial year (FY 2020-21)		
Batteries	This location was not established in FY 2019-20	Nil	Solid	The waste is disposed to authorized KSPCB recycler.

- E-waste – will be sent to registered KSPCB authorized recyclers as per Hazardous Waste Rules through main campus.

Waste category	Total Quantity (MT/A)		Concentration	Disposal Practice
	During the current Financial year (FY 2019-20)	During the current Financial year (FY 2020-21)		
E-waste	This location was not established in FY 2019-20	Nil	Solid	The waste is disposed to authorized KSPCB recycler.

- Biomedical waste: Generated biomedical waste is disposed to authorized vendor through our main E City Campus. Covid-19 related tissue papers, masks & gloves centralized disposed (along with Main Campus waste) to send to registered KSPCB authorized incinerator.

Non-Hazardous waste:

- Waste like paper, plastic, metal, wood and glass are segregated disposed to registered recyclers/ re-processors for further disposal. All the generated solid waste is stored and disposed through main campus. We have a centralized storage in the main E City Campus
- Dry sludge – Sent to main campus & used as manure generated from domestic sewage
- Food waste: All the food waste generated is collected in designated color-coded bins and sent to our Organic waste converter which is at Sarjapur.

PART-G

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

- Low Sulphur diesel is used for DG sets
- We are ensuring 100% segregation of waste at source, stored and disposed as per applicable legal legislation
- Occupancy sensors are installed in the buildings to reduce the utilization of power
- We have installed pressure reducing valves in taps and pipes and flow restrictors which resulted in reduction of water consumption.

PART - H

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

- Infosys has been certified to ISO 14001 & OSHAS 18001.
- Process optimization is followed to reduce our energy and water consumption
- We continue to spread awareness among the employees on the conservation practices
- We are ensuring 100% segregation of waste at source, stored and disposed as per applicable legal legislation
- We have installed Solar panels of total capacity 236.64 KWP.

PART-I

MISCELLANEOUS:

Any other particulars in respect of environmental protection and abatement of pollution

- We carry out environmental quality monitoring for Emissions and effluents as per the PCB standards.
- We are ensuring 100% segregation of waste at source.
- We continue to ensure the Color coding for different type of waste which is segregating at the building level
- We have consistently ensured that we reduce, reuse and recycle & dispose the waste responsibly.
- Hazardous wastes are stored and disposed to authorized recyclers only, in adherence to applicable legislation.
- We use green sealed chemicals for our housekeeping purpose.
- Monitoring of Lighting operations; Lighting controls at unoccupied workstations and at Food courts are carried out on regular basis.
- BMS (Building management system) has been implemented.
- We have reduced the usage of tissue papers.
- We have implemented biodegradable plastics which helps in phasing out of single use & non-recyclable plastics.
- Bar code labelling of BMW as per the requirement.
- Installation of solar panels at SEZ roof top and the energy from Sira solar power plant is utilized for this building as well.