

NBH/PC/ESR/21

2263

Date: 17.09.2021

To,

The Member Secretary,

Rajasthan State Pollution Control Board,

4, Industrial Area, Jhalana Dungri

JAIPUR - 302004 (Raj)

Subject: Environmental Statement Report for the year FY 2020-2021 of Township along with Sewage Treatment plant at Kailash Nagar Colony of M/s J. K. Cement Works, Nimbahera, Tehsil: Nimbahera, Dist: Chittorgarh (Rajasthan).

Ref: G (CPM) / 1000 / 4000 (1) / 2020-2021 / 2721-2723 and order no. 2020-21 / CPM / 5560 dated 07/11/2019

Dear Sir,

Kindly refer to above subject matter, please find enclosed herewith Environment Statement Report of Township along with Sewage Treatment plant at Kailash Nagar Colony of M/s J. K. Cement Works, Nimbahera for the year FY 2020-21 for your kind reference and record. We believe you will find the same in order.

Thanking You.

Yours Faithfully

For J.K. Cement Works, Nimbahera

R. B. M. Tripathi
President (o) & Unit Head

Encl: as above

Copy:

The Regional Officer, Rajasthan State Pollution Control Board, Near FCI Godown,
Chanderiya, Distt. - CHITTORGARH (RAJ)

G. Singh
Sent

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**JK CEMENT
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White Cement Wall Putty



ENVIRONMENTAL STATEMENT

FORM - V

Environmental Statement for the financial year 2020-21, ending the 31st March 2021

PART-A

i. Name an address of the owner/occupier of the industry operation or process	J.K. Cement Works, Nimbahera (Township along with Sewage Treatment Plant) Kailash Nagar, Tehsil: Nimbahera, Chittorgarh (Rajasthan) PIN- 312617
ii. Industry category Primary - (STC Code) Secondary - (STC Code)	Primary
iii. Capacity	Plot Area- 72.20 HECTARE Sewage Treatment Plant- 500 KLD
iv. Year of establishment-	1975
v. Date of last environmental statement submitted	15 th September 2020

PART-B

WATER AND RAW MATERIAL CONSUMPTION

i. **WATER CONSUMPTION** in m3/day

Process: - NIL

Cooling: - NIL

Domestic: - 358 m3/day

Name of products	Domestic & drinking water usage (KL)	
	During the previous financial year (2019-20)	During the current financial year (2020-21)
1. Domestic & drinking water usage	131515.0*	119467.00*

* Water withdrawal permission for Colony and Cement Plant was common.

ii. **RAW MATERIAL CONSUMPTION**

Name of raw material	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)
NA	NA	NA	NA

PART-C

POLLUTION DISCHARGE TO ENVIRONMENT / UNIT OF OUTPUT

Pollutants	Quantity of pollutants discharged	Concentration of pollutants in discharge	Percentage of variation from prescribed standards with reasons
(a) Water	The Domestic waste water generated from the township is being treated in STP and treated water is being used in greenery development.		
	Treated water analysis report (yearly average)		
	S.No.	PARAMETER	Average results
	1	pH	Between 5.5 to 9.0 7.54
	2	Total Suspended solids	Not to exceed 100 mg/l 13.80
	3	Chemical Oxygen Demand	Not to exceed 250 mg/l 27.80
	4	Biological Oxygen Demand (3 days at 27 Degree C)	Not to exceed 30 mg/l 6.31
	5	Oil & Grease	Not to exceed 10 mg/l 1.9
	6	Ammonical Nitrogen (as N)	Not to exceed 50 mg/l 0.15
(b) Air	Not applicable		

PART-D

(As specified under Hazardous & Other Waste Management Rules-2016)

Hazardous waste	Total Quantity	
	During previous financial year (2019-20) (KL)	During current financial year (2020-21) (KL)
(a) From process	Used oil (5.1)- 9.970 * Waste oil (5.2)- NIL	Used oil (5.1)- 26.80* Waste oil (5.2)- NIL
(b) From pollution Control facilities	Not applicable	Not applicable

*including Cement Plant, CPP, WHRS, Mines & Colony. Hazardous waste generated are being sold to authorized recycler by CPCB.

PART-E

SOLID WASTE

		Total Quantity	
		During previous financial year (2019-20) (Ton per year)	During current financial year (2020-21) (Ton per year)
(a)	From process	NONE	NONE
(b)	From pollution control facility	9.7	10.5
(c)	Quantity reutilized with in the unit	100% dry sludge is used as manure in horticulture and plantation purpose	100% dry sludge is used as manure in horticulture and plantation purpose

PART-F

PLEASE SPECIFY THE CHARACTERISATIONS (IN TERMS OF COMPOSITION AND QUANTUM) OF HAZARDOUS AS WELL AS WASTES AND INDICATE DISPOSAL PRACTICE ADOPTED FOR BOTH THESE CATEGORIES OF WASTES.

Sewage Treatment Plants receives sewage from the Residential colony. The solid waste (Sludge) generated is used in the form of manure in gardening / plantation purpose at colony and other landscaping areas.

PART-G

IMPACT OF THE POLLUTION ABATEMENT MEASURES TAKEN ON CONSERVATION OF NATURAL RESOURCES AND ON THE COST OF PRODUCTION.

Rain water harvesting systems are constructed to recharge ground water. 100% utilization of treated water from STPs for gardening and horticulture activity within residential township to reduce the fresh water consumption.

PART-H

ADDITIONAL MEASURES / INVESTMENT PROPOSALS FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT POLLUTION, PREVENTION OF POLLUTION.

- 1) Financial budget planning includes planation cost for followed financial year.
- 2) 100% utilization of treated water from STPs for gardening and horticulture activity within residential township to reduce the fresh water consumption.

PART-I

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF ENVIRONMENT

- 1) Total 1862 plants were planted in FY- 2020-21 (including cement plant), apart from this area has covered more than 33% area under green belt.
- 2) We have dedicated Horticulture department for Green Zone and landscaping development.
- 3) We have separate Environment Cell for environmental management and environmental monitoring.
- 4) Awareness program and training on waste management, water conservation, energy conservation for employees & their families, contractors, local community is being conducted on regular basis.
