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Website www.jswcement.in
CIN - L26957MH2006PLC160839

JSWCL/Env/Nagaur/Annual/Env.Sta.Rep-ICP/2026-27 .

Date: 20/09/2026

To

The Regional Officer, Nagaur,
Rajasthan State Pollution Control Board,
First Floor, Sehkar Bhoomi Vikas Bank Ltd., Nagaur.

Sub: Submission of **Environmental Statement Report in "Form-V" FY 2025-26** of
M.s JSW Cement Ltd, Located at Bhadana & Jindas villages, Tehsil & Dist: Nagaur,
Rajasthan State-reg

Ref: OrderNo.2025-2026/Nagaur/Consent/202262 dated 12.01.2026 & F(Tech)
RPCB/CPP/C-246/367 dated 11.02.2026.

Dear Sir,

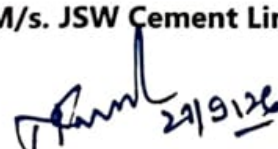
With reference to the subject cited above, we are hereby submitting the
Environmental Statement Report for FY 2025-26 of M/s JSW Cement Ltd., Bhadana
and Jindas Villages, Tehsil & District; Nagaur, Rajasthan, for your kind consideration
and necessary record.

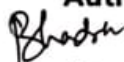
Kindly acknowledge receipt of the same.

Thanking you,

Yours Faithfully,

For, M/s. JSW Cement Limited,


Authorized Signatory


Cc



The Member Secretary, Rajasthan State Pollution Control Board, 4, Institutional Area,
Jhalana Doongri, Jaipur-302004 (Rajasthan).

Enclosure: Form-V and Annexures I to V

FORM-V

See Rule-14

Environmental Statement for the financial year ending with 31st March 2026**PART – A**

1. Name and address of the owner/ occupier of the industry operation or process : Sh. Nilesh Narwekar
JSW Cement Limited,
Villages- Bhadana & Jindas,
Tehsil & District -Nagaur, Rajasthan, 341001
2. Industry category : Red (Cement)
Primary STC Code:
Secondary STC Code:
3. Production capacity :
• Clinker - 4.0 MMTPA
• Cement - 2.5 MMTPA
(OPC, PPC, PSC, PLC
Composite Cement)
• WHRS - 18 MW
• AFR pre-processing & co-processing facility - 3750 TPD
4. Year of establishment : 17.02.2026
5. Date of the last environmental statement submitted : This is First Environmental Statement as the plant has been operated from Feb 2026

PART – B**WATER AND RAW MATERIAL CONSUMPTION**

1. Water Consumption (m ³ /day)		
i.	Process & Cooling	: 312.72
ii.	Domestic	: 19.24

Name of Products	Process Water Consumption per unit of product output
	During the financial Year 2025-26
i. Clinker (KL/MT)	0.121

****The lower water consumption is attributed to the commencement of clinker and cement production on 24.02.2026 and 16.03.2026, respectively ##**

FORM-V

See Rule-14

Environmental Statement for the financial year ending with 31st March 2026**2. Raw Material Consumption - MT/MT of Product**

*Name of raw materials	Name of products	Consumption of raw material per unit of output
		During the financial Year 2025-26
I. Limestone	Clinker	1.31
I. Silica Sand	Clinker	0.05
II. Red ochre	Clinker	0.08
III. China Clay	Clinker	0.11
IV. Coal	Clinker	0.17
V. Gypsum	Cement	0.04
VI. Flyash	Cement	0.03

PART - C**POLLUTION DISCHARGED TO ENVIRONMENT/UNIT OF PRODUCT**

(Parameters as specified in the consent issued)

Pollutants	Quantity of Pollutants Discharged (Kg/day)	Concentrations of Pollutants in Discharges (mg/L)	Percentage of variation from prescribed standards with reasons
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A. Water

Effluent Water: There is no effluent generation from Cement Manufacturing Process

Domestic Sewage Treated Water: Details are mentioned as under

i. pH	-	6.5-9.0	-
ii. Total Suspended Solids (TSS)	-	< 20	-
iii. Chemical Oxygen Demand (COD)	-	50	-
iv. Biochemical Oxygen Demand (BOD)	-	10	-
v. Ammonia-NH ₄	-	5	-
vi. Total Nitrogen-N	-	10	-
vii. Fecal coliform Per 100MI	-	<100	-

STP data has not been interpreted, as the STP was not operational during the reporting period.

Pollutants	Quantity of Pollutants Discharged (Kg/day)	Concentrations of Pollutants in Discharges (mg/Nm ³)	Percentage of variation from prescribed standards with reasons
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B. Air

i. Kiln- PM	404.8	30	-25.01
ii. Cooler- PM	164.3	30	-23.99
iii. Coal Mill-PM	39.5	30	-79.54
iv. Cement Mill-PM	132.6	30	-82.12
v. Kiln-1 NOx	4210.6	600	-58.83

FORM-V*See Rule-14***Environmental Statement for the financial year ending with 31st March 2026****PART - D**
HAZARDOUS WASTEAs specified under
Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016

Hazardous Waste	Total Quantity (Kg)	
	During the financial Year 2025-26	
A. From Process		
i.	Waste oil /Used Oil (5.1)	Nil
ii.	Wastes / residues containing oil (5.2)	Nil
iii.	Disposal of barrels/ Container of Hazardous Waste / Hazardous Chemicals Residue (33.1)	Nil
iv.	Contaminated cotton rags (33.2)	Nil

PART - E
SOLID WASTES

Solid Waste	Total Quantity, MT	
	During the previous financial Year 2025-26	
A. From Process	Nil	100% recycled into process
B. From Pollution Control Facilities		
i. PCEs Dust	100% will be recycled into process	100% recycled into process
C.		
i. Quantity recycled or re-utilized within the unit	NIL	
ii. Sold	NIL	
iii. Disposed	NIL	

FORM-V

See Rule-14

Environmental Statement for the financial year ending with 31st March 2026**PART – F**

Please specify the characterizations (in terms of composition of quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Sl. No	Type of Wastes Generated / Handling	Nature of Waste	Disposed Quantity, FY 2025-26	Disposal Practice
1	Used Oil / Waste Oil (5.1 of Schedule-I)	Hazardous	Nil	Shall be disposed to authorized agencies/ recyclers
2	Wastes/ Residues containing Oil (5.2 of Schedule-I)	Hazardous	Nil	Shall be disposed to authorized agencies/recyclers
3	Disposal of barrels/ Container of Hazardous Waste / Hazardous Chemicals Residue (33.1)	Hazardous	Nil	After complete detoxification shall dispose to outside agencies for reuse / recyclers (as recyclable waste)
4	Lead Acid Batteries	Batteries	Nil	Authorized recyclers / Buyback basis
5	E-Waste	E-Waste	Nil	Disposed to Authorized Recycler
6	ESP & Bag House Dust	Solid	-	100 % Recycled back in to the process
7	Liquid Waste Effluent	Domestic Effluent/se wage	Nil	After treatment in STP, the treated waste water shall be used for on land for irrigation within the in the industry premises
8	DM Plant/ RO rejects/ WHRB	Effluent	Nil	After treatment in Neutralization tank, shall be used for greenbelt development and for dust suppression

PART – G

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

The Following measures have been adopted for abatement of pollution, conservation of natural resources: -

- ★ Air-cooled condensers have been installed to reduce water consumption at WHRS.
- ★ Stack Emissions were controlled by installation of Pollution control equipment's of ESP's, Baghouses and bag filters
- ★ Regular monitoring of Ambient Air Quality, Stack Emissions, Fugitive and Effluent Quality of treated wastewater have been taken up to the evaluate the efficiency of the pollution control systems and necessary control measures have taken-up.
- ★ As our pollution control equipment's are working with higher efficiency, the maximum portion of materials collected in APCD's are recycled and used in process, thus conserving raw material and reducing dust emission.
- ★ Flyash procurement from nearby Thermal Power Plants are being used in the manufacturing of PPC, thus utilizing waste and conserving limestone.

FORM-V
See Rule-14
Environmental Statement for the financial year ending with 31st March 2026

PART – H

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

- ★ Greenbelt development has been carried out in a phased manner with local and native plant species.
- ★ Fugitive dust emission control measures are in place such as deployment of road sweeping machine, closed material conveying system, raw material and finished products are stored in closed sheds and silos, all the material transfer points & silo tops are provided with bag filter, pneumatic handling of flyash and water spraying on the material yards and roads.

Additional Measures Proposed for Environmental Protection

- ★ Increase in manufacturing of PPC grade cement.
- ★ Plastic Waste EPR compliance.
- ★ Conducting various awareness campaigns on Environmental & Sustainability aspects.

PART – I

Any other particulars for improving the quality of the environment.

- ★ All the Air Pollution Control Equipment (APCE) is effectively operated and maintained for controlling the emissions below the prescribed standards.
- ★ Installation of new APCEs wherever required for controlling dust emissions.
- ★ Covered sheds and silos have been constructed for raw material & finished products storage handling to control fugitive emissions.
- ★ Organizing various environmental awareness activities to sensitize the employees and nearby communities.



Annexure-1
Production Details

1. Products Manufactured		
Description of Product	Consented Capacity	Production Quantity
Clinker	4.0 million TPA	0.11368 Million TPA
Cement (OPC, PPC, PSC, PLC Composite Cement)	2.5 million TPA	0.01814 Million TPA
Electricity Generation from WHRS	18 MWH	-

Annexure-2
Ambient Air Quality Monitoring Data

April 2025 to March 2026

Parameters	Limits	Plant site	Jindas Village	Bhadana Village	Harima Village
PM10	100	69.48	58.83	56.49	54.83
PM2.5	60	36.56	30.96	29.73	28.86
SO ₂	80	10.26	8.69	8.35	8.10
NO ₂	80	19.25	16.30	15.65	15.19
Lead (Pb)	1.0	BDL	BDL	BDL	BDL
Carbon Monoxide mg/m ³	02	0.51	ND	ND	ND
Ammonia (NH ₃)	400	BDL	BDL	BDL	BDL
Ozone (O ₃)	100	BDL	BDL	BDL	BDL
Benzene (C ₆ H ₆)	05	BDL	BDL	BDL	BDL
Arsenic (As) ng/m ³	06	BDL	BDL	BDL	BDL
Nickle (Ni) ng/m ³	20	BDL	BDL	BDL	BDL
Benzo Pyrene (Bap) ng/m ³	01	BDL	BDL	BDL	BDL

All the values are expressed in µg/m³ except mentioned.

BDL – Below Detectable Limits

ND – Non-Detectable

Annexure-3**Stack Emission Monitoring Data**

Stack Attached to	Limits	PM Emissions April 2025 to March 26
Kiln / Rawmill	30	23.70
Cooler	30	22.58
Coal Mill	30	22.60
Cement Mill	30	5.40

Stack Attached to	Limits	PM Emissions April 2025 to March 26
Kiln / Rawmill	600	247.80

Stack Attached to	Limits	SO2 Emissions April 25 to March 26
Kiln / Rawmill	100	0

Note: All the values are expressed in mg/Nm³, our operations have been commenced from Feb 2026,

Annexure-4**Ambient Noise Monitoring Data**

Ambient Monitored Location	Noise Levels in Leq dB(A)			
	Day Time		Nighttime	
	Monitored Value	Limits	Monitored Value	Limits
Plant site	64.7	75	51.2	70
Bhadana Village	51.4	55	40.9	45
Jindas Village	43.2	55	38.1	45
Harima Village	53.1	55	41.3	45

Annexure-5
Ground water Quality Monitoring Data

Parameter	UoM	GW1	GW2	IS 10500-2012	
				AL	PL
PH	-	7.38	7.52	6.5 to 8.5	NR
Colour	Hazen	BLQ(LOQ 1.0)	BLQ(LOQ 1.0)	5	15
Turbidity	NTU	BLQ(LOQ 1.0)	BLQ(LOQ 1.0)	1	5
Odour	-	Agreeable	Agreeable	Agreeable	Agreeable
Taste	-	Agreeable	Agreeable	Agreeable	Agreeable
Total Hardness (as CaCo3)	mg/L	1860	1150	200	600
Calcium (as Ca)	mg/L	409	225	75	200
Total Alkalinity (as CaCo3)	mg/L	253	415	200	600
Chloride (as Cl)	mg/L	4732	1695	250	1000
Cyanide (as CN)	mg/L	BLQ(LOQ 0.02)	BLQ(LOQ 0.02)	0.05	NR
Magnesium (as Mg)	mg/L	204	143.04	30	100
Total Dissolved Solids	mg/L	9720	7230	500	2000
Sulphate (as So4)	mg/L	2389	940	200	400
Fluoride (as F)	mg/L	1.12	0.66	1	1.5
Nitrate (as No3)	mg/L	5.18	38.4	45	NR
Iron (as Fe)	mg/L	0.59	0.48	1	NR
Aluminium (as Al)	mg/L	BLQ(LOQ 0.03)	BLQ(LOQ 0.03)	0.03	0.2
Boron (as B)	mg/L	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	0.5	2.4
Total Chromium (as Cr)	mg/L	BLQ(LOQ 0.02)	BLQ(LOQ 0.02)	--	--
Phenolic Compounds (C6H5OH)	mg/L	BLQ(LOQ 0.001)	BLQ(LOQ 0.001)	0.001	0.002
Anionic Detergents (as MBAS)	mg/L	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	0.2	1
Zinc (as Zn)	mg/L	0.95	0.55	5	15
Copper (as Cu)	mg/L	0.37	BLQ(LOQ 0.02)	0.05	1.5
Manganese (as Mn)	mg/L	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	0.1	0.3
Cadmium (as Cd)	mg/L	BLQ(LOQ 0.002)	BLQ(LOQ 0.002)	--	--
Lead (as Pb)	mg/L	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	--	--
Selenium (as Se)	mg/L	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	0.01	NR
Arsenic (as As)	mg/L	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	0.01	0.05
Mercury (as Hg)	mg/L	BLQ(LOQ 0.001)	BLQ(LOQ 0.001)	--	--
Total Coliform	per 100 ml	Absent	Absent	Shall not be detectable in any 100ml Sample	
E.Coli	per 100 ml	Absent	Absent	--	--
Electrical Conductivity	µS/cm	14950	11120	--	--
Total Suspended Solids	mg/L	BLQ(LOQ 5.0)	BLQ(LOQ 2.0)	--	--
Ammonia (as N)	mg/L	BLQ(LOQ 0.3)	BLQ(LOQ 0.3)	0.5	NR
Nickel as Ni	mg/L	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	--	--
Free Residual Chlorine	mg/L	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	--	--
Sodium (as Na)	mg/L	1178	936	--	--
Potassium (as K)	mg/L	10.9	9.15	--	--
Mineral Oil	mg/L	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	--	--
Phosphate as P	mg/L	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	--	--
Total Pesticides	µg/L	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	--	--
Hexavalent Chromium(as Cr+ 6)	mg/L	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	--	--

Note: GW1: Plant , GW2: Bhadana, Desirable Limit; DL, Permissible Limit : PL, NR: No relaxation

Ground water Quality Monitoring Data

Parameter	UoM	GW1	GW2	IS 10500-2012	
				AL	PL
PH	-	7.33	7.48	6.5 to 8.5	NR
Colour	Hazen	BLQ(LOQ 1.0)	BLQ(LOQ 1.0)	5	15
Turbidity	NTU	BLQ(LOQ 1.0)	BLQ(LOQ 1.0)	1	5
Odour	-	Agreeable	Agreeable	Agreeable	Agreeable
Taste	-	Agreeable	Agreeable	Agreeable	Agreeable
Total Hardness (as CaCo3)	mg/L	70	1360	200	600
Calcium (as Ca)	mg/L	20	272	75	200
Total Alkalinity (as CaCo3)	mg/L	82.4	402	200	600
Chloride (as Cl)	mg/L	62.3	2215	250	1000
Cyanide (as CN)	mg/L	BLQ(LOQ 0.02)	BLQ(LOQ 0.02)	0.05	NR
Magnesium (as Mg)	mg/L	4.88	165.57	30	100
Total Dissolved Solids	mg/L	510	8250	500	2000
Sulphate (as So4)	mg/L	33.6	930	200	400
Fluoride (as F)	mg/L	0.18	0.95	1	1.5
Nitrate (as No3)	mg/L	9.15	25.18	45	NR
Iron (as Fe)	mg/L	0.13	0.6	1	NR
Aluminium (as Al)	mg/L	BLQ(LOQ 0.03)	BLQ(LOQ 0.03)	0.03	0.2
Boron (as B)	mg/L	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	0.5	2.4
Total Chromium (as Cr)	mg/L	BLQ(LOQ 0.02)	BLQ(LOQ 0.02)	--	--
Phenolic Compounds (C6H5OH)	mg/L	BLQ(LOQ 0.001)	BLQ(LOQ 0.001)	0.001	0.002
Anionic Detergents (as MBAS)	mg/L	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	0.2	1
Zinc (as Zn)	mg/L	0.17	0.87	5	15
Copper (as Cu)	mg/L	BLQ(LOQ 0.02)	BLQ(LOQ 0.02)	0.05	1.5
Manganese (as Mn)	mg/L	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	0.1	0.3
Cadmium (as Cd)	mg/L	BLQ(LOQ 0.002)	BLQ(LOQ 0.002)	--	--
Lead (as Pb)	mg/L	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	--	--
Selenium (as Se)	mg/L	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	0.01	NR
Arsenic (as As)	mg/L	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	0.01	0.05
Mercury (as Hg)	mg/L	BLQ(LOQ 0.001)	BLQ(LOQ 0.001)	--	--
Total Coliform	per 100 ml	Absent	Absent	Shall not be detectable in any 100ml Sample	--
E.Coli	per 100 ml	Absent	Absent		
Electrical Conductivity	µS/cm	790	12690	--	--
Total Suspended Solids	mg/L	BLQ(LOQ 2.0)	BLQ(LOQ 2.0)	--	--
Ammonia (as N)	mg/L	BLQ(LOQ 0.3)	BLQ(LOQ 0.3)	0.5	NR
Nickel as Ni	mg/L	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	--	--
Free Residual Chlorine	mg/L	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	--	--
Sodium (as Na)	mg/L	110	1150	--	--
Potassium (as K)	mg/L	5.12	7.15	--	--
Mineral Oil	mg/L	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	--	--
Phosphate as P	mg/L	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	--	--
Total Pesticides	µg/L	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	--	--
Hexavalent Chromium (as Cr+6)	mg/L	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	--	--

Note: GW3: Jindas, GW4: Harima, Desirable Limit; DL, Permissible Limit : PL, NR: No relaxation
