

MAHARASHTRA POLLUTION CONTROL BOARD

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EIC No. PN-13330/12

Infrastructure/Orange/L.S.I

Consent No. BO/RO(HQ)/CO/CAC-2858

Date: 05/04/2013

Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization/Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management Handling & Transboundry Movement) Rules 2008

CONSENT is hereby granted to

M/s. Nanded City Township Development & Concs. Ltd.
Village-Nanded, Tahsil-Haveli,
Dist - Pune.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Operate is granted for a period up to 31/05/2014

2. The Consent is valid for -

The Township project of M/s. Nanded City Township Development & Concs. Ltd. Village - Nanded, Tahsil-Haveli, Dist-Pune, on total plot area of 28,00,000.00 Sq.mtr. for built up area of 1,83,200.00, which is part of total Built up area of 6,01,959 Sq.mtr. including utilities as per construction commencement certificate issued by local body.

3. CONDITIONS UNDER WATER ACT:

- The daily quantity of trade effluent from the factory shall be Nil.
- The daily quantity of sewage effluent from the factory shall not exceed 1364.00 M³.
- Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

1	pH	Not to exceed	6.5 to 9.0
3	Suspended Solids	Not to exceed	100 mg/l.
4	BOD, 3, Days 27 degree C	Not to exceed	100 mg/l.
5	Fecal Coliform	Not to exceed	500/100/1 mg/l.
6	Residual Chlorine	Not to exceed	01 mg/l.
7	De.tergent	Not to exceed	01 mg/l.
8	Floating matters	Not to exceed	10 mg/l

- Sewage Effluent Disposal:** The treated domestic effluent shall be 80% recycled and re-used for flushing, fire fighting and cooling of Air conditioners and remaining shall be discharged to municipal sewer. In no case, effluent shall find its way to any water body directly/indirectly at any time. The firm shall affix the separate meter for ensurance of 80 % recycling of treated sewage and keep the records of the same

Project proponent shall operate STP for five years from the date of obtaining Occupation Certificate.

(vii) Non-Hazardous Solid Wastes:

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	Organic	0.80	Ton/D	Bio-Composting	Used as manure
2	Inert	1.08	Ton/D	--	Landfill
3	Metal & Glasses	0.40	Ton/D	Segregation	By sale
4	Plastic	0.80	Ton/D		By sale
5	Paper & Packing	0.56	Ton/D		By sale
6	Miscellaneous	0.80	Ton/D		By sale
7	Garden sweepings waste leaves	2.00	Cum/day	Vermicompost	Used as manure

(viii) Other Conditions (during Construction Phase):

1. All activities shall be in resonance with the provisions of Indian Forest Act, 1927 (16 of 1927), Forest (Conservation) Act, 1980 (69 of 1980) and Wildlife (Protection) Act, 1972 (53 of 1972), and special notification published for area wherever applicable and all the Environmental Statutes and Instruments.
2. There shall be no felling of trees whether on Forest, Government, Revenue or Private lands except as per prevailing Rules.
3. Extraction of Groundwater for the project shall require prior permission of the State Ground Water Authority or other relevant authorities, as applicable.
4. Near the activities that are related to water (like activity of water parks, water sports) and/or in the vicinity of lake, Dissolved Oxygen shall not be less than 5 mg/liter.
5. In order to ensure that the water from this project do not enter into outside environment, the nallas crossing the township/complex premises, shall be lined, covered and made water tight by the applicant within the premises with intermittent inspection of chambers following good engineering practices as per the regulations of local body.
6. The Applicant shall prepare management plan for water harvesting, roof-water reclamation, water/storm water conservation and implement the same before handing over of complete for occupation.
7. The Applicant shall segregate solid wastes into biodegradable and non-biodegradable components. The biodegradable material shall be recycled through scientific in-house composting. The proper demarked area shall be identified for collection & storage of MSW properly which, shall be finally disposed off at approved Municipal Solid Waste landfill site of local body environmentally acceptable location and method. It is clarified that the term solid waste includes domestic, commercial, and garden wastes, but does not include hazardous and bio-medical wastes. The activities of bio-composting and engineered landfill shall be as per the Municipal Solid Waste (M&H) Rules, 2000
8. Applicant shall be responsible to take adequate precautionary measures as detailed in this consent.
9. The applicant/generator shall be responsible for safe and scientific collection, transportation, treatment and disposal of Bio-Medical Waste as per the provisions made under the Bio-Medical Waste (Management & Handling) Rules, 1998. Any activity as defined under BMW (M & H) Rules has to obtain a separate Authorization from Maharashtra Pollution Control Board.
10. For disinfections of waste water ultra violet radiation shall be used in place of chlorination.
11. E-Waste shall be disposed to authorize re processor.

4. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under

The daily water consumption for the following categories is as under:

- | | | |
|---|-----|-------------|
| (i) Domestic | ... | 1631.00 CMD |
| (ii) Water gets Polluted & Pollutants are Biodegradable | ... | 0.00 CMD |
| (iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic | ... | 0.00 CMD |
| (iv) Industrial Cooling, spraying | ... | 0.00CMD |

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

5. CONDITIONS UNDER AIR (Prevention & Control of Pollution) ACT, 1981:

The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the prescribed standards:

a. Standards for Emissions of Air Pollutants:

- | | | |
|-------------------------------|---------------|------------------------|
| (i) SPM/TPM | Not to exceed | 150 mg/Nm ³ |
| (ii) SO ₂ (DG Set) | Not to exceed | Kg/day |

(i) The following measures shall be taken:

- Adequate mitigation measures shall be taken to control emissions of SO₂, NO_x, SPM and RSPM.
- Applicant shall achieve following Ambient Air Quality standards.

1.	SPM Not to Exceed (Annual Average)	140	µg/ m ³
	Not to Exceed (24 hours)	200	µg/ m ³
2.	SO ₂ Not to Exceed (Annual Average)	60	µg/ m ³
	Not to Exceed (24 hours)	80	µg/ m ³
3.	NO _x Not to Exceed (Annual Average)	60	µg/ m ³
	Not to Exceed (24 hours)	80	µg/ m ³
4.	RSPM Not to Exceed (Annual Average)	60	µg/ m ³
	Not to Exceed (24 hours)	100	µg/ m ³

(ii) The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1	Diesel	8.00	L/M

(iii) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs. above roof top
1	DG Set (160 KVA)	2.50
2	DG Set (200 KVA)	2.80
3	DG Set (380 KVA)	3.90

(iv) Conditions for D.G. Set

- Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during the night time. Day time is reckoned between 6 a.m to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
- Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.

8. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the storage process connected to it shall be stopped.
9. The applicant shall comply with the conditions of Environmental Clearance granted by Ministry of Environment and Forest, Govt. of India, vide No.21-786/2007-IA.III dt. 20/02/2008.
10. The industry shall submit the bank guarantee of Rs. 10 Lacs within 15 days from the date of issue of this consent at Regional Office Pune, for operation and maintenance of the sewage treatment plant and municipal solid waste processing plant.
12. This consent shall not be construed as exemption from obtaining necessary NOC from any other Government agencies as may deem fit necessary.
13. The Board reserves the right to amend or add any conditions in the consent and the same shall be binding on the applicant.
14. The consent is issued with the approval of Consent Appraisal Committee of the Board in its meeting held on 5th December 2012.
15. The Capital investment of the industry is Rs. 3651.67 Lacs.

(Rajiv Kumar Mital, IAS)
Member Secretary

To,
Nanded City Township Development & Concs. Ltd.
Village - Nanded, Tahsil Haveli,
Dist-Pune.

Copy to:
a. RO-Pune /SRO-Pune-
b. CAO/Cess Branch/Master File

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	75100	820024	05 Mar 2012	Tamilnad Mercantile Bank Ltd