

Government of Goa,
Office of the Assistant Engineer,
Sub. Div. I, Div. III, (PHE-N),
Public Works Department,
St.- Inez, Panaji - Goa.

Dated :- 24/01/2019.

To,
Mr. Tanmay U. Kholkar,
POA for M/s Samatma
Estate Private Limited,
Neura-O-Grande,
Tiswadi, Goa,

Sub :- Issue of No Objection Certificate to obtain construction licence belonging to Mr. Tanmay U. Kholkar, POA for M/s Samatma Estate Private Limited, Neura-O-Grande, Tiswadi, Goa, regarding availability of water.

Ref :- Ref :-1) Application from the applicant Tanmay U. Kholkar, vide entry No. F-347 dated 26/10/2018
2) Technical clearance order vide No. TIS/9065/NOG/TCP/2018/1107 dated 08/10/2018.
3) Approved report No. PWD/PHE-N/SD I/WD-III/F- 40/2018-19/1443 dated 16/11/2018. (Round No. 3303/2018).

Sir,

With reference to the above cited subject, the provisional NOC regard to the availability of water for the development of plots in land bearing Survey No. 249/2 of Neura-O-Grande Village in Tiswadi Taluka subject to the following conditions :-

1. This office shall release water connection only after the augmentation of Opa Water Supply System subjected to availability of water at the time of release of connection.
2. The applicant shall make provision for the suitable sump and the overhead tank of capacity sufficient to meet the requirement of water for at least three days consumption. The necessary pumping arrangement to pump the water collected in the sump to the overhead tank shall be invariably made by the applicant. The sump shall be provided at the lowest elevation on front side of building and away from the soak pit / septic tank.
3. The water supply would be released at the metering point subject to the availability of water (with minimum supply of water of 16.00 m³ / per month). The service connection released shall not be connected directly to the internal plumbing network of the proposed buildings on completion viz. kitchen, toilet, bathroom, etc. This office shall not be held responsible for short supply / low pressure of water at any point of time. The water connection released shall not be used for category other than the intended category of use i.e. domestic purpose. The individual service connection for each plot should be applied separately and the tapping shall not be done by developer.

4. The laterite masonry water meter box with locking arrangement (of size 1.00 x 0.45 x 0.90 meter) shall be invariably be constructed near the entrance of the building (i.e. front side) adjoining the compound wall so as to facilitate the smooth access for meter reading by meter readers and maintenance work.
5. Any change in use of intended category of water / change in internal distribution network of building shall be intimated to this office.
6. The applicant shall make his own arrangement to meet the requirement of water exceeding minimum demand of 16.00 m³ / per month. The applicant has to make his own arrangement to meet the requirement of water demand for construction of the building.
7. The pipeline laid by you shall be tested hydraulically for any leakages.

Yours faithfully


Assistant Engineer - I
ASSISTANT ENGINEER (PH)
SUB-DIV. I W. DIV. III
A.W.D. PANAJI

Copy to:-

- 1) The Executive Engineer, W. Div. III (PHE-N), P.W.D., St. Inez, Panaji Goa.
- 2) The Sarpanch, Office of the Village Panchayat Neura, Tiswadi - Goa.

GOA STATE POLLUTION CONTROL BOARD

गोंय राज्य प्रदूषण नियंत्रण मंडळ

(An ISO 9001-2015, ISO 14001:2015. OHSAS 18001:2007 Certified Board)

Phone Nos : 0832- 2407700,
2407701, 2407702
Tel/Fax No: 0832- 2407700



Email Ids:
Chairman, GSPCB, chairman-gspcb.goa@nic.in
Member Secretary, GSPCB, ms-gspcb.goa@nic.in
Environment Engineer, GSPCB, ee-gspcb.goa@nic.in
Scientist, GSPCB, scientist-gspcb.goa@nic.in
Office, goapcb@gspcb.in

No. 12/2018-PCB/71985/G000359

Date: 26th February, 2019

Consent to Establish 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 under Rule 6(i) of the Hazardous Wastes (Management and Transboundary Movement) Rules 2016

[To be referred as Water Act, Air Act and HW (M & T) Rules respectively]

Consent to Establish is hereby granted to:

M/s SAMATAMA ESTATES PVT. LTD
(Represented By Mr. Tanmay Ulhas Kholkar)
(Green Category)

Survey No. 249/2, Neura-O-Grande, Miramar, Tiswadi-Goa.

Located in the area declared under the provisions of the Water Act, Air Act and Authorization under the provisions of HW (M, H & T) Rules, 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 Establish is valid upto commissioning of the unit or 03-years whichever is earlier.
2. This Consent to Establish is valid for the activity as mentioned below:

Sr. No.	Description	Capacity
01	Installation of Sewage Treatment Plants for a Residential Complex having Apartments 39 nos., Villas-3 nos. and Shops-11 nos. having build up area of 4,502 sq.mtrs	25 KLD

3. CONDITIONS REQUIRED TO BE COMPLIED UNDER THE WATER ACT:

- (i) The daily quantity of domestic effluent from the unit shall not exceed **24 KLD**
- (ii) **Sewage Treatment Plant:**
The unit shall provide comprehensive sewage treatment plant (**Capacity 25 KLD**) consisting of primary / secondary and / or tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:

pH	Between	5.5 & 9.0
Suspended Solids	Not to exceed	Not more than 20
BOD, 3 days, 27° C	Not to exceed	10 mg/l
COD	Not to exceed	50 mg/l
Oil & Grease	Not to exceed	10mg/l
NH4-N	Not to exceed	5mg/l
N-total	Not to exceed	10mg/l
Fecal Coliform	Less than	100 MPN/100ml
Bio-assay test		90% survival of fish after 96hours in 100% effluent

Other parameters should meet the standards specified in Schedule 1 (Rule 3) and Schedule VI [Rule 3(3A)] of the Environment (Protection) Act 1986 for the relevant Industry

(iii) Sewage Disposal:

The treated effluent shall be recycled to the maximum extent and remaining shall be used on land for gardening. There shall not be any discharge outside the unit premises.

- (v) A good house-keeping shall be maintained within the unit premises. All pipes, valves and drains shall be maintained in leak-proof condition. Floor washings shall be maintained to the effluent collection system only and shall not be allowed to find way in open areas.

(vi) Non-Hazardous Solid Waste:

All the Solid wastes arising in the premises shall be properly classified and disposed off to the satisfaction of the Board as follows:

Sr. no.	Type of segregated solid waste	Quantity	Disposal
1	Wet waste	36 kg/day	To be composted within the unit premises.
2	Dry waste	24 kg/day	To be disposed through contractor appointed by the Village Panchayat.

4. CONDITIONS REQUIRED TO BE COMPLIED UNDER THE AIR ACT:

- (i) The unit may install the following equipments and shall be equipped with comprehensive control system as it is warranted with reference to generations of emissions and operate and maintain the same continuously:

Sr. No.	Name of Equipments/ Installation	No of Installation	Capacity	SO ₂ Kg/Hr	NO _x	HC	CO	PM
					(g/kw-hr)			
1	D.G.Set	01	250 KVA	3.74	9.2	1.3	3.5	0.3

- (ii) The unit shall erect the chimney(s) of the following specifications:

Sr. No	Chimney attached to	Height
1	D.G.Set for 250 KVA D G Set	04 mts

- (iii) The unit shall observe the following standards:-

Sr. No	Type of fuel	Quantity /hr
1	H. S. D(for 250 KVA D G Set)	52 ltrs/hr.

- (iv) The unit should comply with all the standards for D.G. Sets prescribed at Sr. no. 94, 95 and 96 of Schedule I of the Environment (Protection) Rules, 1986.
- (v) The unit shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise. The limits are as follows

Category of Area/ Zone	Limits in dB (A) Leq	
	Day time	Night time
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

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.

5. GENERAL CONDITIONS:

- At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning, etc. shall be done.
- Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- The project proponent will provide landscape bed of 600mm wide X 600mm deep along the periphery of the plot to carry out plantation of trees. The treated water from the sewage treatment plant will be pumped through high flow drips on these beds to prevent outflow of treated sewage water outside the premises.
- The applicant shall not change or alter the quantity, the rates of discharge, temperature and the mode of disposal of the effluent without previous written permission of the Board.
- The applicant shall provide facilities for collection of the samples to the Board staff.
- The industry shall discharge the treated effluents preferably on land for irrigation/ gardening/ lawn within their own premises or re-use after suitable treatment.
- Stack heights for a (Diesel generator set(s) shall be as follows:
 - (a) Diesel Generator set(s): The minimum height of the stack to be provided with each generator shall be as per the formula $H = h + \sqrt[0.2]{KVA}$ where H = total height of the stack in meters, h = height of the building in meters where the generators is installed and KVA = total generator capacity of the set in KVA.

The generator shall be installed in a closed area with a silencer and suitable noise absorption systems so as to comply with the ambient noise level standards as mentioned below:

The ambient noise level shall not exceed 75 dB (A) at a distance of 5 meters from the source.

9. The applicant shall provide ports in the chimney / stack and facilities such as ladder, platform etc. as per the directions of Pollution Control Board for monitoring the air emissions and the same shall be open for inspection and use the Board's staff. The chimney / stack attached to various sources of emissions shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
10. All solid waste arising in the premises shall be properly classified and disposed off to the satisfaction of the Board by:
 - i. Land fill in case of inert material;
 - ii. Controlled incineration wherever possible in case of organic combustible material;
 - iii. Vermiculature composting in case of bio-degradable, chemically active/ hazardous solid waste; care should be taken to ensure that the material does not give rise to leachate which may percolate into ground water or be carried away with storm run-off.
11. The industry shall implement the following Rules and Regulations notified by the Ministry of Environment, Forests and Climate Change (MoEF & CC), Govt. of India.
 - a) Hazardous Wastes (*Management, Handling and Transboundary Movement*) Rules, 2018 (*as amended*);
 - b) Manufacture, storage and Import of Hazardous Chemicals Rules, 1989;
 - c) Rules for the Manufacture, Use, Import and Storage of Hazardous Micro – organism / - Genetically Engineered Organisms or Cell, 1989.
12. There shall not be any perceptible odour outside the industrial premises.
13. All the Rules and Regulations notified by the Ministry of Environment and Forests, Govt. of India in respect of noise pollution control measures shall be followed to avoid nuisance to public.
14. Notwithstanding anything contained in this conditional letter of consent, the Board hereby reserves its right and powers under section 27(2) of the Water (*Prevention and Control of Pollution*) Act 1974 and under section 21(4) of the Air (*Prevention and Control of Pollution*) Act 1981 to review any or all the conditions imposed hereby.
15. Any change in the details made after the submission of the application/ after obtaining the Consent to Establish shall be brought to the notice of the Board immediately.
16. This Consent to Establish is granted without any prejudice to any other permissions(s) required under any laws, bye – laws and regulations in force.

17. The unit should obtain permission from the Forest Department / Wild Life Board wherever applicable.
18. The unit should implement rain water harvesting and ground water re-charge measures before submitting an application for Consent to Operate.
19. The unit should obtain all permissions / approvals as required under the prevalent Rules / Acts in force.
20. The unit shall apply for Consents to Operate of the Board as required under section 25(1) (b & c) of the Water (*Prevention and Control of Pollution*) Act, 1974 and under section 21 of the Air (*Prevention and Control of Pollution*) Act, 1981 in the prescribed application form, 45 days before commissioning of the plant
21. Reliable flow meter shall be installed to maintain record of water consumption / waste water consumption per day. This records so maintained shall be made available to the Board officials whenever required.
22. The unit shall comply to the Guidelines and dust mitigation measures in handling Construction material and Demolition waste issued by Central Pollution Control Board (CPCB) and are placed on Board website – www.goaspcb.gov.in.
23. **The Builder shall operate and maintain the sewage treatment plant effectively for an initial period of five years, before handing over the same to the residents of the society.**

To,
M/s SAMATAMA ESTATES PVT. LTD
(Represented By Mr. Tanmay Ulhas Kholkar)
Survey No. 249/2, Neura-O-Grande,
Miramar, Tiswadi—Goa.

Copy to: - 1 Accounts Section
 2 Concerned File
 3 Guard File

Received Consent fee of: The capital Investment of the unit is Rs. 9,58,63,555/-

Challan no.	Amount	Date
094	Rs. 12,800/- (<i>NOC fees</i>)	20/11/2018

(Dr. Mohan R. Girap)
Scientist “C”
For Goa State Pollution Control Board



DIRECTORATE OF HEALTH SERVICES

Government of Goa

PRIMARY HEALTH CENTRE - CORLIM

Corlim-Ilhas Goa.

Ph.No. 0832-2285769 / 2904531, Email Id: phccorlim@hotmail.com

No.: PHC/CORLIM/NOC/2018-19/1950

Dated: 26/12/2018

To,
The Sarapanch / Secretary,
Office of the village Panchayat Neura,
Neura, Tiswadi-Goa.

Ref. No. TIS/9065/NOG/TCP/2018/1107 dated 08/10/2018

Sub : **NO OBJECTION CERTIFICATE**

Sir/Madam,

With reference to an application received from **M/s. Samatma Estate Pvt. Ltd.**, the site was inspected by the undersigned and a provisional NOC on sanitary point of view is hereby granted to **M/s. Samatma Estate Pvt. Ltd.**, for proposed construction of **Residential Building Blocks A, B, C, D, E (Group housing) and Compound Wall**, in the property situated at **Neura-O-Grande Village**, bearing **Sy. No. 249/2** of **Tiswadi Taluka**, subject to the conditions below:-

1. That the ownership document of the land should be verified at your end and the construction is carried out as per the plan submitted.
2. The STP should be installed 15 meters away from any source of drinking water (well/ sump, etc) and the STP should be constructed as per the submitted approved plan.
3. Proper cleanliness is maintained in and around the site.
4. That the vent pipe of the septic tank must be provided with the mosquito net.
5. That the permit holder will be liable to ensure that the curing water is treated with anti-larval chemicals once a week.
6. The management shall co operate with the Health and Pollution control authorities whenever any visit to site for sanitary inspection.
7. This office is not responsible for any court litigation on regarding the ownership and the area of the site which may be checked by appropriate authority.
8. That the laborers engaged in the construction work should be provided with sanitary facilities and potable water.
9. As per section 75-A of Goa Public Health Act, all laborers should possess a valid health card from the health authorities and should renew it every three months. No laborer shall be engaged by the contractor /Developer/Builder without a valid health card, if not complied with will be fined as per the act. i.e. 10,000/- per labour.
10. Health cards should be available at the concerned site and should be produced to the health staff on demand.
11. NOC/Licenses for the proposed construction should be obtained from competent authority.

P.T.O.

12. A Construction Board with details should be displayed at the construction site.
13. Final NOC from health authorities to be obtained prior to issue of occupancy certificate.
14. That the **NO OBJECTION CERTIFICATE** issued is liable to be withdrawn if the conditions stipulated above are not complied with. And if the information is based on wrong information, Documents, Calculation, Drawing etc.
15. The consent to establish STP from Goa State Pollution Control Board to be produced within two months otherwise the NOC issued by this office will be considered null and void.



K.N. Raikar
(Dr. Kedar Raikar)
Medical Officer Incharge
Primary Health Centre Corlim

Copy To,

1. O/F.
2. G/F