

MATHERAN ECO-SENSITIVE ZONE
MINISTRY OF ENVIRONMENT AND FORESTS
NOTIFICATION

New Delhi, the 4th February, 2003

S. O. 133(E).- Whereas a draft notification under sub-section (1) and clause (v) of subsection (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986), inviting objections or suggestions against the proposal for notifying Matheran and surrounding region as an Eco-sensitive Zone and imposing restriction on industries, operations, processes and other developmental activities in the region which have detrimental effect on the environment was published in the Gazette of India vide notification of the Government of India in the Ministry of Environment and Forests number S.O. No. 167(E) dated the 6th February, 2002;

And whereas copies of the said Gazette were made available to the public on the 6th day of February, 2002;

And whereas all objections and suggestions received have been duly considered by the Central Government;

Now, therefore, in exercise of the powers conferred by sub-section (1) read with clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) and clause (d) of sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies Matheran and surrounding region in the State of Maharashtra as the Matheran Eco-sensitive Zone (herein after called "the Ecosensitive Zone").

2. The said Eco-sensitive Zone covers an area of 214.73 sq. kms. and a 200 mts. buffer zone¹ [comprising of a total area of 251.56 sq. kms] and it shall consist of the area of the Matheran Municipal Council and its environs. The map of the Eco-sensitive Zone is at Annexure-A. A description of the boundary along with the list of villages is at Annexure-B and the exceptions and exemptions in the 200 mts. buffer zone are at Annexure-C.

3. All activities in the forest (both within and outside municipal areas) shall be governed by the provisions of the Indian Forest Act, 1927 (16 of 1927) and Forest (Conservation) Act, 1980 (69 of 1980). All activities in the protected areas shall be governed by the provisions of the Wildlife (Protection) Act, 1972 (53 of 1972).

²[In particular, and without prejudice to the provisions of the said Acts, following steps shall also be taken:

¹ Inserted by Para 1 of the Amendment Notification S.O.83(F), dated 16.1.2004.

² Inserted by Para 2 of the Amendment Notification S.O.83(F), dated 16.1.2004.

(a) In any proposal for use of forest area for non-forestry purpose, the procedure laid down for National Parks and Sanctuaries shall be followed.

(b) Adequate fuel wood plantation shall be undertaken in the surrounding area to prevent illegal cutting of trees for firewood, etc.

(c) A specific Forest Protection Plan shall be prepared by the Maharashtra State Forest Department and necessary funds for implementation of the Protection Plan shall be provided by the State Government on priority basis.]

4. The following activities shall be regulated in the Eco-sensitive Zone namely:

(a) **Zonal Master Plan for the Eco-sensitive Zone:-**

(i) The Zonal Master Plan for the Eco-sensitive Zone shall be prepared by the State Government by following a procedure similar to that prescribed under the Maharashtra Regional and Town Planning Act, 1966 (Maharashtra Act XXXVII of 1966), within a period of two years from the date of publication of this notification in the Official Gazette and approved by the Ministry of Environment and Forests in the Government of India. The Zonal Master Plan shall be prepared with due involvement of all concerned Departments for integrating environmental considerations into it. The Zonal Master Plan shall provide for restoration of denuded areas, management of catchment areas, watershed management, groundwater management, soil and moisture conservation, provision for fuel wood, needs of local community and such other aspects of the ecology and environment that need attention.

(ii) The Zonal Master Plan shall demarcate all the existing gaothans, gaothan expansion areas, forests, green areas, horticultural areas, agricultural areas, orchards, tribal areas including tribal hamlets, natural springs, natural heritage sites, historic Neral-Matheran railway line and other environmentally and ecologically sensitive areas. No change of land use from green uses such as orchards, horticulture areas, agriculture, parks and other like places to non-green uses and tribal uses to non-tribal uses shall be permitted in the Zonal Master Plan without the prior approval of the Central Government in the Ministry of Environment and Forests. The Zonal Master Plan shall also indicate measures and lay down stipulations for regulating traffic, especially through traffic in the Eco-sensitive Zone.

(iii) The areas within and outside Matheran Municipal Council area shall have separate Sub-zonal Master Plans which may be prepared by the State Government as a component of the Zonal Master Plan and concurrence of the Ministry of Environment and Forests shall be obtained on such Subzonal Master Plans. All habitations in the Eco-sensitive Zone having population of more than 5000 should also have Area Development Plans. The Sub-zonal Master Plan shall also include development regulations for gaothan and gaothan expansion areas.

(iv) Pending the preparation of and approval by the Ministry of Environment and Forests to the Zonal Master Plan and Sub-zonal Master Plan for Ecosensitive Zone, there shall be no increase in the existing parameters of permissible Floor Area Ratio, permissible height, maximum number of storeys and ground coverage for buildings. ¹[***...] No new constructions shall be allowed but repairs and restoration may be permitted provided that it does not involve structural changes and are on the existing authorised plinth area in the Matheran Municipal limits. ²[In the Eco-Sensitive Zone:]

(1) There shall be no reduction in Tribal Area, Forest Zone, Green Zones and Agricultural Area.

(2) Absolute height of buildings shall not exceed 9 meters and the number of storeys shall not exceed ground plus one upper storey.

(3) Activities mentioned in Annexure-D may be permitted by the Monitoring Committee subject to the State and local laws and the rules and regulations made there under.

(4) All development activities including additions, alterations, demolitions, repairs, renovations and restorations of buildings shall require prior approval of the Monitoring Committee and shall be subject to heritage clearance if necessary.

(5) The Monitoring Committee shall prescribe additional measures, if necessary, in furtherance of the objectives and for giving effect to the provisions of this notification.

(b) Industrial units:- On or after the publication of this notification in the Official Gazette, only non-polluting, non-hazardous small-scale and service industries, agriculture, floriculture, horticulture or agro-based industries producing products from indigenous goods from the Eco-sensitive Zone and which do not cause any adverse environmental impact shall be permitted. Accordingly, guidelines shall be drawn by the Government of Maharashtra and approved by the Ministry of Environment and Forests. No such, guidelines shall conflict with the provisions of the Environment Impact Assessment Notification number S.O. 60(E) dated the 27th January, 1994 of the Government of India in the Ministry of Environment and Forests and as amended from time to time.

(c) Quarrying and Mining:- Quarrying and Mining activities shall be banned in the Eco-sensitive Zone and no fresh mining lease shall be granted. However, the Monitoring Committee shall be the authority to grant special permission for limited quarrying of materials required for the construction of local residential housing and traditional road making and maintenance work in Matheran Municipal Council area based on site evaluation. No quarrying shall be permitted on steep hill slopes or areas with a high degree of erosion or on forestlands.

¹ The words "in Matheran Municipal Limits" omitted by Para 3(a)(i) of the Amendment Notification S.O.83(E), dated 16.1.2004.

² Substituted for the "In areas other than Matheran Municipal limits" by Para 3(a)(ii) of the Amendment Notification S.O.83(E), dated 16.1.2004.

Explanation:- In this notification, "steep hill slope" means a hill slope with a gradient of 20 degrees or more..

(d) Trees:- There shall be no felling of trees whether on Forest, Government, Revenue or private lands, without the prior permission of the State Government in case of forest land, and the respective District Collector in case of Government, Revenue and private land, as per procedure which shall be laid down by the State Government.

(e) Tourism:- (1) Tourism activities shall be as per a Tourism Master Plan, with emphasis on eco-tourism, eco-education and eco-development, to be prepared by the Department of Tourism of the State Government in consultation with the Ministry of Tourism of Government of India and approved by the Ministry of Environment and Forests. The Tourism Master Plan shall also form a component of the Zonal Master Plan. There shall be a ban on new and additional tourist facilities like hotels, restaurants, inns, lodging and boarding houses and the like within Matheran Municipal Council area till the Tourism Master Plan is approved by the Ministry of Environment and Forests. Pending the approval of the Tourism Master Plan by the Ministry of Environment and Forests, the use of existing heritage buildings for heritage hotels within Matheran Municipal Council area may be permitted by the Monitoring Committee only after it is approved by the Heritage Conservation Committee.

(2) The Tourism Master Plan shall be based on a detailed Carrying Capacity Study of the Eco-sensitive Zone which may be carried out by the State Government and submitted to the Ministry of Environment and Forests for approval within a period of two years from the date of publication of this notification. All new tourism activities, developments for tourism and expansion of existing tourism activities shall be permitted only within the parameters of the Tourism Master Plan and carrying capacity study. Till the Tourism Master Plan is approved by the Ministry of Environment and Forests, outside Matheran Municipal Council area, new tourism activities, development for tourism and expansion of existing tourism activities may be permitted only after a detailed analysis is carried out and approved by the Monitoring Committee subject to guidelines laid down by the Ministry of Environment and Forests.

(f) Natural Heritage:- The sites of valuable natural heritage in the Eco-sensitive Zone shall be identified, particularly rock formations, waterfalls, pools, springs, gorges, groves, caves, points, walks, rides and the like and plans for their conservation in their natural setting shall be incorporated in the Zonal Master Plan and Sub-zonal Master Plan. Strict guidelines shall be drawn up by the State Government to discourage construction activities at or near these sites including under the garb of providing tourist facilities. Development or construction activities at or around the heritage sites shall be regulated under the statutory provisions of the State Government, made in accordance with the Model Regulations for Conservation of Natural and Man-made Heritage Sites formulated by the Ministry of Environment

and Forests in 1995 and as amended from time to time. The State Government may draw up proper plans for their conservation or preservation within one year from the date of publication of this notification. These plans shall form a part of the Zonal Master Plan and Sub-zonal Master Plan.

(g) Man-made heritage:- Buildings, structures, artifacts, areas and precincts of historical, architectural, aesthetical, and cultural significance shall be identified in the Eco-sensitive Zone and plans for their conservation, particularly their exteriors (and wherever deemed appropriate their interiors also) shall be prepared and incorporated in the Zonal and Sub-zonal Master Plan within one year from the date of publication of this notification. Guidelines shall be issued by the State Government to regulate building and other activities in the Eco-sensitive Zone, particularly in Matheran Municipal Council area, so that the special character and distinct ambience of the town and the Eco-sensitive Zone are maintained. Development or construction activities at or around the heritage sites shall be regulated under the statutory provisions of the State Government, made in accordance with the Model Regulations for Conservation of Natural and Manmade Heritage Sites formulated by the Ministry of Environment and Forests in 1995 and as amended from time to time.

(h) Ground Water:- Extraction of ground water for the bona-fide agricultural and domestic consumption of the occupier of the plot is allowed. Extraction of ground water for industrial, commercial or residential complexes shall require prior written permission, including the amount that can be extracted, from the State Ground Water Board. No sale of ground water shall be permitted except with the prior approval of the Monitoring Committee constituted under paragraph [5] of this notification. All steps shall be taken to prevent contamination or pollution of water, including from agriculture activities.

(i) Use of plastics:- No person shall use plastic bags within Matheran Municipal Council area. The use of plastics, laminates and tetra-packs within the Eco-sensitive Zone shall be regulated by the Monitoring Committee.

(j) Protection of Hill Slopes:- (i) The Zonal Master Plan shall indicate areas on hill slopes where construction shall not be permitted.

(ii) No construction on existing steep hill slopes or slopes with a high degree of erosion shall be permitted.

(k) Discharge of effluents:- (i) The discharge of any untreated effluent is prohibited within the Eco-Sensitive Zone.

(ii) No effluent, either treated or untreated, shall be permitted to be discharged into any water body or water source within the Eco-sensitive Zone.

(l) Solid Wastes:- (i) The local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non-biodegradable components.

¹ Substituted for the figure "4" by Para 3(b) of the Amendment Notification S.O.83(E), dated 16.1.2004.

(ii) The biodegradable material may be recycled preferably through composting or vermiculture and the inorganic material may be disposed of at environmentally acceptable locations.

(iii) No burning or incineration of solid wastes shall be permitted.

Explanation.- In this notification, "solid wastes" shall include domestic, industrial, commercial and garden wastes.

(m) Natural Springs:- (i) The catchment area of all natural springs shall be identified and plans for their conservation and rejuvenation of those that have run dry in their natural setting shall be incorporated in the Zonal Master Plan.

(ii) Strict guidelines shall be drawn up by the State Government to ban development activities at or near these areas.

(n) Traffic:- No vehicular traffic shall be permitted within the Matheran Municipal limits, ¹[except one ambulance and one fire engine and in addition to one ambulance and one fire engine as standby.]

5. Monitoring Committee:-(1) In exercise of the powers conferred by sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby constitutes a Committee to be called the Monitoring Committee, to monitor and ensure compliance with the provisions of this notification.

(2) The Monitoring Committee shall consist of not more than ten members.

(3) The Monitoring Committee shall consist of a representative each from the Ministry of Environment and Forests, Central Pollution Control Board, Department of Environment of the Government of Maharashtra, Department of Urban Development of the Government of Maharashtra, subject expert knowledgeable about the Eco-sensitive Zone and at least two representatives of non-government organisations working in the field of environment (including heritage conservation) and the Collector of Raigad District, in the State of Maharashtra and any other persons or persons nominated by the Central Government.

(4) The Chairman of the Monitoring Committee shall be an eminent person with proven managerial or administrative experience and understanding of local problems.

(5) The Collector of Raigad District shall be the Convener of the Monitoring Committee.

6. Powers and functions of the Monitoring Committee:- (1) In exercise of the powers conferred by sub-section (3) of section 3 and read with Section 23 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby empowers the Monitoring Committee to discharge the functions specifically

¹ Substituted by Para 3(c) of the Amendment Notification S.O.83(E), dated 16.1.2004.

enumerated in the notification and to do all things incidental thereto (except the function as are required to be performed by the Central Government under the provisions of the Environment Impact Assessment Notification of 27th January, 1994, as amended from time to time).

(2) It shall be the duty of the Monitoring Committee to file complaints under section 19 of the Environment (Protection) Act, 1986 if commission of any offences under the said Act comes to its notice and in case of non-compliance of the directions issued by it.

(3) The Monitoring Committee or member of the Monitoring Committee authorised by it shall file complaints under the Environment (Protection) Act, 1986.

¹[(4) It shall be the duty of the Monitoring Committee to inquire into or review cases of alleged violations of the provisions of the Environment (Protection) Act, 1986, and the rules made thereunder, and if found necessary in a specific case, issue directions under section 5 of the said Act.

(5) The Monitoring Committee or any Officer or member of the Monitoring Committee authorised by it shall be authorised to take action under section 10 of the said Act to verify the facts concerning the issues arising from the above.]

²[7. Appeal]:- (1) Any person aggrieved by a decision or order of the Monitoring Committee shall prefer an appeal against such decision or order to the Government of India in the Ministry of Environment and Forests.

(2) Every memorandum of appeal under this paragraph shall precisely state the facts of the case, the particulars of the decision or order appealed against and the reasons for being aggrieved by the decision or order and the remedy sought for and shall be addressed to the Secretary to the Government of India, Ministry of Environment and Forests, New Delhi.

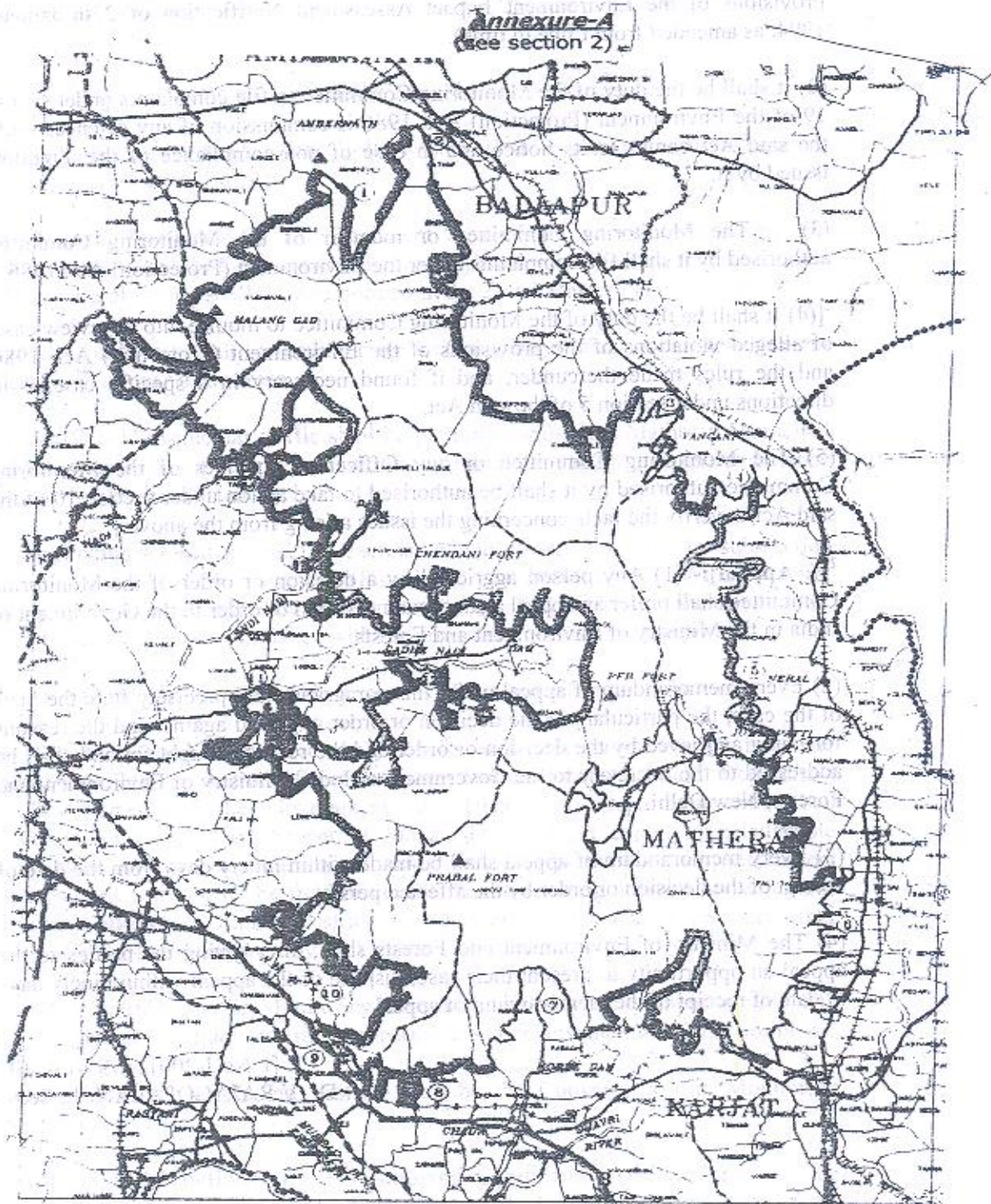
(3) Every memorandum of appeal shall be made within ninety days from the date of receipt of the decision or order by the affected person.

(4) The Ministry of Environment and Forests shall, after giving the parties to the appeal an opportunity to present their case, dispose of the appeal within ninety days of date of receipt of the memorandum of appeal.

[F.No.I-20011/1/99-I.A.-III]
Dr. V RAJAGOPALAN, Jt. Secy.

¹ Inserted by Para 4 of the Amendment Notification S.O.83(E), dated 16.1.2004.

² Substituted by Para 5 of the Amendment Notification S.O.83(E), dated 16.1.2004.



ANNEXURE-B

(see section 2)

BOUNDARY OF MATHERAN ECO-SENSITIVE ZONE

The boundary of the Eco-Sensitive Zone comprising area of Matheran Hill Station Municipal Council, contiguous Forest Zone of the Regional Plan for "[Mumbai Metropolitan Region (MMR)]" and Buffer Zone around the Forest Zone shall be defined as follows:-

Direction	Bounded By
North	Boundary of the Forest Zone passing through village Jambhivali, then outer boundary of the buffer zone passing through Village Jambhivali, Chikhaloli; then boundary of Forest Zone passing through village Chikhaloli of Ulhasnagar Tehsil.
East	Boundary of the Forest Zone passing through Village Katrap; then outer boundary of the buffer zone passing through villages Shirgaon, Savroli, Varde, Bhoj, Bensil, Chinvali, Kasgaon, Goregaon; then boundary of Forest Zone passing through villages Goregaon, Davle of Ulhasnagar Tehsil and Bedisagaon of Karjat Tehsil; then outer boundary of buffer zone and Forest Zone passing through villages Bedisagaon; then outer boundary of buffer zone passing through villages Kushivali, Kalamboli, Damat, Bhadaval, Mamdapur, Neral, Mangaon Tarf Waredi, Bhikare, Asai, Bhutiwali, Pali Terf Varde; then boundary of Forest Zone passing through villages Pali Tarf Verde, Umroli, Asane, Kasane, Vanjale, Kariwali, Paliwali, Bhisegaon of Karjat Tehsil.
South	The outer boundary of buffer zone passing through village Bhisegaon of Karjat Tehsil then outer boundary of buffer zone passing through villages Warele, Wadvihar, Sondewadi, Boregaon Kh., Boregaon Bk.; then boundary of Forest Zone passing through villages Boregaon Bk., Warose Tarf Wankhal, Naniwal; then outer boundary of buffer zone passing through villages Chowk Maniwali, Nadhal, Lodhivali of Khalapur Tehsil.

¹ Substituted by Para 6 of the Amendment Notification S.O.83(E), dated 16.1.2004.

West	Boundary of Forest Zone passing through villages Bhokarpada, Barwai, then outer boundary of buffer zone passing through Villages Barwai, Pali Bk., Poyanje, Mohope, Bhingarwada, Bherle, Wardoli, Loniwali, Wangani Tarf Waje, Ambivali, Vihighar, Nere; then boundary of Forest Zone Passing through village Nere; then outer boundary of buffer zone passing through villages Sangartoli, Cheravali, Wajapur, Waje, Gadhe; then boundary of Forest Zone passing through village Gadhe; then outer boundary of buffer zone passing through villages Dehrang, Dhodani, Maldunge, Dhamani, Tamsai, Khairwadi, Karambeli, Dhundre, Usarli Bk. Ritghar, Khairwadi, Kondale, Morbe, Ambhe Tarf Taloje, Shiriavali, Karambeli Tarf Taloje, Wangani Tarf Taloje, Kondap, Mohodar, Vavanje, Nitale, Chorme of Panvel Tehsil; then outer boundary of buffer zone passing through villages Wadi, Bandhanwadi, Khusavali, Ambhe, Shiravali, Bohonole, Jambhavali of Ulhasnagar Tehsil.
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Within the above bounded zone, the entire Municipal Area of Matheran Hill Station Municipal Council in Karjat Tehsil and entire village of Machi Prabhal, Maldunge in Panvel tehsil is included in the Eco-Sensitive Zone.

Note:

- i. The Buffer Zone within the Eco -Sensitive Zone shall encompass only Green Zone 1 and Green Zone 2 of the sanctioned Regional Plan for Mumbai Metropolitan Region 1996-2011 and in 14 exceptional cases the Eco-Sensitive Zone is restricted to Forest Zone.
- ii. No area of Urbanisable Zone 1, Urbanisable Zone 2 and Industrial Zone shall fall within the Eco-Sensitive Zone or the Buffer Zone except the Urbanisable Zone 1 of Matheran Municipal Council

LIST OF VILLAGES OF MATHERAN ECO-SENSITIVE ZONE

DISTRICT: RAIGAD

TEHSIL: KARJAT

S No.	VILLAGE	STATUS
1.	Asai	Partial
2.	Ashane	Partial
3.	Bedisgaon	Partial
4.	Bekare	Partial
5.	Bhadwal	Partial
6.	Bhisegaon	Partial
7.	Bhutiwali	Partial
8.	Damat	Partial
9.	Halivali	Partial
10.	Kalamboli	Partial
11.	Kirwali	Partial
12.	Koshane	Partial
13.	Kushivali	Partial
14.	Mamdapur	Partial
15.	Mangaon Tarf Waredi	Full
16.	Matheran	Partial
17.	Neral	Partial
18.	Pali Tarf Waredi	Partial
19.	Umroli	Partial
20.	Wanjale	Partial

Note - The entire file Matheran Municipal Council area is included.

TEHSIL: KHALAPUR

S No.	VILLAGE	STATUS
21.	Borgaon Bk.	Partial
22.	Borgaon Kh.	Partial
23.	Chowk Maniwali	Partial
24.	Lodhivali	Partial
25.	Nadhal	Partial
26.	Naniwali	Partial
27.	Sondewadi	Partial
28.	Wad Vihar	Partial
29.	Warose Tarf Wankhal	Partial
30.	Wawarle	Partial

TEHSIL: PANVEL

S No.	VILLAGE	STATUS
31.	Ambhe Tarf Taloje	Partial
32.	Ambivali	Partial
33.	Barwai	Partial
34.	Bherle	Partial
35.	Bhingar	Partial
36.	Bhokarpada	Partial
37.	Cheravali	Partial
38.	Chorme	Partial
39.	Deharang	Partial
40.	Dhamani	Partial
41.	Dhodani	Partial
42.	Dundre	Partial
43.	Gadhe	Partial
44.	Karabeli	Partial
45.	Karambeli Tarf Taloje	Partial
46.	Khairwadi	Partial
47.	Kondale	Partial
48.	Kondap	Partial
49.	Luniwali	Partial
50.	Machiprabal	Full
51.	Mahoda	Partial
52.	Maldunge	Partial
53.	Mohope	Partial
54.	Morbe	Partial
55.	Nere	Partial
56.	Nitale	Partial
57.	Pali Bk.	Partial
58.	Poyanje	Partial
59.	Ritghar	Partial
60.	Sangatoli	Partial
61.	Shriavali	Partial
62.	Tamsai	Partial
63.	Usarli Bk.	Partial
64.	Vavanje	Partial
65.	Vihighar	Partial
66.	Wajapurim	Full
67.	Waje	Partial
68.	Wangani Tarf Taloje	Partial
69.	Wangani Tarf Waje	Partial
70.	Wardoli	Partial

DISTRICT : THANE
TEHSIL: ULHASNAGAR

S No.	VILLAGE	STATUS
71.	Ambhe	Partial
72.	Bandhanwadi	Partial
73.	Bendshil	Partial
74.	Bhoj	Partial
75.	Bohonoli	Partial
76.	Chikhaloli	Partial
77.	Chinchvali	Partial
78.	Dhavale	Partial
79.	Goregaon	Partial
80.	Jambhivali	Partial
81.	Kasgaon	Partial
82.	Katrap	Partial
83.	Kushavali	Partial
84.	Savaroli	Partial
85.	Shiravali	Partial
86.	Shirgaon	Partial
87.	Vangani	Partial
88.	Varade	Partial
89.	Wadi	Partial

ANNEXURE-C

(see section 2)

MODIFICATION TO THE BOUNDARY OF THE ESZ - EXCEPTIONS AND EXEMPTIONS IN THE 200 M. BUFFER ZONE

Reference Number corresponding with the map 1 and 2	Areas or villages for which exemptions are sought	Landuse	Remarks
1	Jambivali, (Ambernath)	Urbanisable Zone 1	The U-1 zone of Ambernath Municipal Council abuts the F Zone the buffer zone is less than 200 M. or no buffer is proposed
2.	Jambhivali, (Ambernath) Katrap, (Badlapur)	Industrial Zone and Urbanisable Zone I	The I-Zone of Ambernath Additional Industrial Estat planned by Maharashtra Industrial Development Corporation and U-I Zo

			of Kulgaon Badlapur Municipal Council abuts the F-Zone the buffer zone is less than 200 M. or No buffer is proposed
Raigad District			
3.	Goregaon, Vangani	Urbanisable Zone 2	U-2 Zone of the sanctioned Regional Plan abutting the F Zone.
4.	Vangani	Urbanisable Zone 1	U-1 Zone of the dormitory town planned in the 1973 sanctioned Regional Plan abutting Forest Zone
5.	Neral	Urbanisable Zone 1	U-1 Zone of 1999 sanctioned Regional Plan abutting F Zone
6.	Pali Tarf Verde, Umroli, Asane, Kasane, Vanjale, Kariwali, Paliwali, Bhisegaon	Urbanisable Zone 2	U-2 Zone of the sanctioned Regional Plan abutting the F Zone.
7.	Boregaon Bk., Warose Tarf Wankhal, Naniwal	Morbe Dam	Earthen dam is under construction for drinking water supply benefiting Navi Mumbai and other adjoining towns. Excavation of dam floor and strengthening of embankment by using local material and for repairs and maintenance may be necessary.
8.	Chowk Maniwali, Nadhali, Lodhivali	Railway Line	The buffer Zone is restricted upto the railway line which acts as a physical buffer for development.
9.	Barwai, Pali Bk.	Road and Railway Line	The buffer Zone is restricted upto the railway line which acts as a physical buffer for development.

10.	Bhingarwada, Bherle	Railway Line	The buffer Zone is restricted upto the railway line which acts as a physical buffer for development.
11.	Nere, Sangartoli	River Gadhe	River acts as the natural buffer, no additional buffer is therefore proposed.
12.	Gadhe	River Gadhe	River acts as the natural buffer, no additional buffer is therefore proposed.
13.	Khairwadi	River Lendhe	River acts as the natural buffer, no additional buffer is therefore proposed.
14.	Mohodar	River Nande	River acts as the natural buffer, no additional buffer is therefore proposed.

ANNEXURE-D

[see section 4(a)(iv)(3)]

PERMISSIBLE DEVELOPMENTAL ACTIVITIES IN MATHERAN ECO-SENSITIVE ZONE

1. FOREST ZONE

When any land is situated outside Reserve Forest, Protected Forest, Acquired Forest or Forests as defined as per the Supreme Courts Order dated 12th December 1996, the development of such land shall be regulated in accordance with the provisions for Green Zone-2.

2. GREEN ZONE-2

2.1 The permissible uses in Green Zone-2 (G-2 Zone) are as follows:

- (a) Dwelling Units for the bona fide use of the holder as per Revenue Department records of any cultivated land, held exclusively for the purpose of agricultural activities.
- (b) Horticulture, floriculture, and agricultural and allied activities of rice and poha mill, poultry farms, cattle stables, piggeries and sheep farms.
- (c) Religious places, crematorium and cemetery.

- (d) Schools, pre-primary school and health centre.
- (e) Clinics and dispensaries.
- (f) Roads and bridges, railways, underground pipelines and cables, electricity transmission lines, communication towers, small check dams for watershed management, ropeways

2.2 The minimum plot size shall be 0.4 ha.

3. GREEN ZONE-1

3.1 The permissible uses in Green Zone-1 (G-1 Zone) are as follows:-

- (a) Dwelling Units for the bona fide use of the holder as per Revenue Department records of any cultivated land, held exclusively for the purpose of agricultural activities.
- (b) Holiday resort and holiday homes.
- (c) Educational, medical, social, cultural and religious institutions along with residential quarters and shops for the staff on plots not be less than 2.5 ha.
- (d) Schools, pre-primary school and health centre.
- (e) Clinics, dispensaries and health centres.
- (f) Storage of LPG cylinders.
- (g) Horticulture, floriculture, and, agricultural and allied activities of rice and poha mill, poultry farms, cattle stables, piggeries and sheep farms.
- (h) Religious places, crematorium and cemetery.
- (i) Parks, gardens, play fields, camping grounds with public conveniences.
- (j) Roads and bridges, railways, underground pipelines and cables, electricity transmission lines, communication towers, small check dams for watershed management.

3.2 The minimum plot size shall be 0.4 ha.

4. URBANISABLE ZONE-2

4.1 The permissible activities in Urbanisable Zone-2 are :-

- (a) Dwelling Units for the bona fide use of the holder as per Revenue Department records of any cultivated land, held exclusively for the purpose of agricultural activities.

- (b) Non polluting scientific institutions
- (c) Schools, pre-primary school and health centre
- (d) Clinics, dispensaries and health centres
- (e) With the prior approval of the Monitoring Committee, hotels, tourists resorts, holiday homes, motels and club houses
- (f) Houses for residential purposes only
- (g) Parks, gardens, play-fields and camping grounds with public conveniences
- (h) Religious places, crematorium and cemetery
- (i) Horticulture, floriculture, and, agricultural and allied activities of rice and poha mill, poultry farms, cattle stables, piggeries and sheep farms
- (j) Retail shops, whole sale shops, restaurants and banks
- (k) Government offices
- (l) Garages, petrol pumps, automobile repair workshops
- (m) With prior approval of the Monitoring Committee, public-services and utility establishment of water treatment plant, sewage treatment plant, solid waste treatment and disposal facilities electricity substation, gas works, fire brigade, police station, telephone exchange, bus shelters, terminals and depots
- (n) Roads and bridges,, railways, underground pipelines and cables, electricity transmission lines, communication towers, small check dams for watershed management

4.2	The minimum plot size for item (b) to (f) of paragraph 4.1 shall be 2,000 sq. m.	2000
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URBANISABLE ZONE-1

5.1 In preparing the sub-Zonal Master Plan for Matheran Municipal Council area the recommendations of the report titled Matheran: A Comprehensive Heritage Listing Proposal commissioned by the Mumbai Metropolitan Region - Heritage Conservation Society shall be taken into account.

5.2 ¹[*****.....]

6. GOATHAN AND GAOTHAN EXPANSION

6.1 The following provisions irrespective of Zones shall regulate Gaothan and Gaothan Expansion.

6.2 The boundary of the Gaothan shall be as shown in the revenue maps when the Regional Plan came into force.

6.3 Gaothan Expansion may be permitted by the Monitoring Committee based on needs and requirements of and for existing gaothan residents only.

6.4 The lands in Gaothan and Gaothan Expansion may be used for any of the following purposes :

- (a) Residential.
- (b) Shops, garages, small eating places, banks and post offices.
- (c) Schools.
- (d) Community centres and other social institutions.
- (e) Religious places.
- (f) Clinics, dispensaries and health centres.
- (g) Essential public services and utilities including local Government offices.
- (h) Stables for domestic animals subject to limit of 5 animals on each plot.
- (i) Traditional household industries.
- (j) Storage of crop, fodder, manure, agricultural implements and other similar needs
- (k) Parks, gardens and playgrounds.
- (l) Public conveniences.
- (m) Storage of fuels for domestic and commercial uses.

6.5 Floor Area Ratio and Ground Coverage

Area	FAR	Ground coverage
Gaothan	1.00	-
Gaothan Expansion	0.40	40%

Note: The classification of zones referred to above is as per the sanctioned Regional Plan of the Mumbai Metropolitan Region, September 1999.

¹ Sub-paragraph "5.2" Omitted by Para 7 of the Amendment Notification S.O.83(E), dated 16.1.2004.