

GOVERNMENT OF ANDHRA PRADESH
MUNICIPAL ADMINISTRATION & URBAN DEVELOPMENT DEPARTMENT

Memo. No.261/I, /2006

Dated: 16-07-2007.

Sub: Municipal Administration and Urban Development Department –
G.O.Ms.No.111, Municipal Administration & Urban Development
(I) Department, Dated 08-03-1996 - Regulating the developments
in the downstream area – Draft Notification – Issued.

- Ref: 1. G.O.Ms.No.50 M.A & U.D. Department, dated 28.01.1989.
2. G.O.Ms.No.192 M.A. & U.D. Department, dated 31.03.1994,
3. G.O.Ms.No.111 M.A. & U.D. Department, dated 08.03.1996.
4. G.O.Rt.No.952 M.A. & U.D. Department, dated 29.11.2005.
5. Opinion rendered by the Learned Advocate General, dated
15.03.2006.
6. Report submitted by the Technical Committee, dated
25.09.2006.
7. D.O.Letter No.EPTRI/EQM/75/2/AHWQ-H/ 2006/1139, dated
05.01.2007.
8. From the Managing Director, HMWS&SB, Hyderabad Letter
No.MD/GO111/2007/1973, dated 21.04.2007.

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The appended notification will be published in the extraordinary issue of
Andhra Pradesh Gazette, dated: 17-07-2007.

2. Specific approval of the Principal Secretary to Government, Municipal
Administration and Urban Development Department has been obtained for
publication of notification in the extraordinary issue of Andhra Pradesh Gazette.

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PRINCIPAL SECRETARY TO GOVERNMENT

To

The Commissioner of Printing, Stationery & Stores Purchase,
Hyderabad.

The Vice-Chairman, Hyderabad Urban Development Authority, Hyderabad. - With a
request to display this notification in the notice board and give wide publicity.

The Commissioner, Greater Hyderabad Municipal Corporation, Hyderabad. - With a
request to display this notification in the notice board and give wide publicity.

The Managing Director, Hyderabad Metro Water Supply & Sewerage Board,
Hyderabad.

The Member Secretary, APPCB, Hyderabad.

The Director of Town and Country Planning, Hyderabad.

The Commissioner & Director of Municipal Administration, Hyderabad.

The District Collector, Ranga Reddy District, Hyderabad.

The District Collector, Hyderabad District, Hyderabad.

The Commissioner of Industries, Abids, Hyderabad.

//FORWARDED BY ORDER//

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5. And whereas, the Technical Committee constituted by the Government has submitted their report recommending that upto 500 m from the bund / Full Tank Level in the down stream may be declared as Prohibited Zone, beyond 500 mts and upto 1000 mts (1Km) only low rise residential development (ground + 2 floors) may be allowed and beyond 1 Km. distance in the downstream all developments such as Residential, Commercial, IT Units, Hotels, Public and Semi Public may be permitted. The Environment Protection Training & Research Institute while agreeing with the recommendations of the Committee have recommended that except 68 listed industries, all other industries / activities could be permitted in the down stream areas of the above two reservoirs.

6. In view of the above, Government have examined the issue in consultation with Managing Director, Hyderabad Metro Water Supply & Sewerage Board and after careful consideration of the matter felt that there is a need to regulate the developments in the downstream area also to prevent direct pollution of above two reservoirs.

7. Now, therefore, after careful consideration of the matter, Government with a view to prevent any possible direct pollution into the Osman Sagar / Himayat Sagar lakes proposes to issue following regulatory measures, which would be applicable to the downstream areas of above two Reservoirs :-

- (i) No development will be allowed upto 500 m from the bund / Full Tank Level in the down stream and same shall be declared as prohibited Zone.
- (ii) Beyond 500 m and upto 1000 mts (one Km) in the downstream, only low rise residential development (ground + 2 floors) will be allowed.
- (iii) Beyond 1000 mts distance in the down stream, all developments such as Residential, Commercial, IT Units, Hotels, Public and Semi Public developments will be allowed except 68 industries listed in Annexure-I of this Notification, subject to compliance of all other extant rules.
- (iv) For protection of raw water channel from Osman Sagar to Asifnagar no layout or building permission will be granted and while approving the layout along the above 100 feet distance shall be maintained,
- (v) 30 Meter green belt will be earmarked all along the existing two surplus channels,
- (vi) 30 Meter buffer zone will be maintained all along the reserve forest and the heritage structures,
- (vii) As the proposal deals with the downstream areas only, the villages falling within 10 Kms distance from the Full Tank Level / bund in the downstream are indicated in the Annexure-II of this notification.
- (viii) Hyderabad Urban Development Authority will be designated as Nodal Agency to enforce the regulations; take action against the violators and develop green belt in the prohibited zone.
- (ix) Hyderabad Metro Water Supply & Sewerage Board will (i) prepare a comprehensive integrated underground drainage system (ii) constitute a Special Watch and Ward Wing to monitor the water quality and to furnish the periodical reports to Nodal Agency for taking effective steps against the violators and for strict implementation of regulations.
- (x) Other special measures proposed to be enforced, as recommended by the committee, are indicated in Annexure III of this notification.

ANNEXURE – I
LIST OF INDUSTRIES PROHIBITED

The list of industries, that are not permitted in area falling in downstream of Osman Sagar and Himayat Sagar lakes within 10 Kms. from Full Tank Level, are :

1. Metallurgical industries including, smelters, foundries and alloy making processes.
2. Coal and other mineral processing industries.
3. All cement plants.
4. Industries based on the use of coal / coke.
5. Refineries.
6. Petrochemical products (Basic and intermittent) Large, Medium and Small scale.
7. Synthetic Rubber manufacture.
8. Thermal and Nuclear Power plants.
9. Manufacturing of vanaspati, hydrogenated vegetable oils for industrial purposes.
10. Sugar mills.
11. Manufacturing of by products of coke ovens and coal tar distillation products.
12. Alkalis and acids.
13. Electro-thermal products (such as artificial abrasives, calcium carbide etc.,)
14. Phosphorus and its components.
15. Fire crackers.
16. Phthalic anhydride.
17. Processes involving chlorinated hydrocarbons.
18. Chlorine, Fluorine, Bromine, Iodine and their compounds.
19. Synthetic fibers and rayon.
20. Manufacturing or formulation of synthetic Pesticides / Insecticides / fungicides etc.,
21. Basic drugs.
22. Distillery (Alcohol Distillery)
23. Leather industry including tanning and processing of animal, skins, hides, leather etc.
24. Plastic or latex industry including manufacturing of balloon.
25. Making of Coke / Liquefaction of coal.
26. Manufacturing of fuel gas.
27. Fiber glass production or processing.
28. All category of dyes and their intermediates – Large, Medium and Small scale.
29. Electro chemical and their products.
30. Paint, enamels and varnishes.

ANNEXURE-II

LIST OF DOWNSTREAM VILLAGES FALLING IN 10 KMS. DISTANCE FROM
FULL TANK LEVEL OF OSMANSAGAR AND HIMAYATSAGAR

VILLAGE / HABITATION	VILLAGE / HABITATION
1 AKBARPURA	44 MAHALNEKNAPUR
2 ANJAYANAGAR	45 MAHULVA
3 ATTAPUR	46 MAILARDEVPALLI
4 BAGVATGUDA	47 MAKTA
5 BAHADURPURA	48 MAKTADARWAZABASTI
6 BAIRAGIGUDA	49 MAMIDPALLI
7 BANDLAGUDA	50 MANCHIREVULA
8 BENTONBAVDI	51 MANIKONDA
9 BODEWADI	52 MONDELEGUEM
10 BUDVEL	53 NALLAGANDLA
11 CHANDUGUDA	54 NANAKRAMGUDA
12 CHANDULAR BARADARI	55 NANDI MUSALAIGUDA
13 EDULANAGULAPALLI	56 NARSINGI
14 GACHIBAULI	57 NEHRUNAMPURAM
15 GAGANPAHAD	58 NEKNANPUR
16 GANDAMGUDA	59 OSMANSAGAR
17 GANDIPET	60 PIRANCHERU
18 GOLLADODDI	61 POCHARAMGUTTA
19 GOPANAPALLI	62 PREMAVATIPET
20 GOPANAPALLI TANDA	63 PUPPALAGUDA
21 HAKIMPET	64 RAJENDRANAGAR
22 HIMAYATSAGAR	65 RAMDEOGUDA
23 HUSSAIN SHAVALI DARGHA	66 RAMPUR
24 HYDERGUDA	67 RAMSINGHAPUR
25 HYDERSAHIGUDA	68 RETIBAVDI
26 IBRAHIMBAGH	69 SANGAM
27 IMAMPUR	70 SATAMRAYI
28 INDIRANAGAR	71 SERIGUDA
29 JAHANNUMA	72 SERLINGAMPALLI
30 JALAPALLI	73 SHAIKPET
31 KAJAGUDA	74 SHRINAGAR
32 KAJIKALLI	75 SIDDIQUINAGAR
33 KATEDHAN	76 SIVARAMPALLI
34 KHAJAGUDA	77 TADBUND
35 KILASKHANDARGA	78 TARANAR
36 KISMATPUR	79 TELLAPURAM
37 KOKAPET	80 TOLICHOWKI
38 KOLLUR	81 TURKANKUNTA TANDA
39 KOLLUR TANDA	82 UDAMGADDA
40 KONDAKAL	83 UPPARPALLI
41 KONDAPUR	84 VALLABHARAYUNIGUTTA TANDA
42 KOTTAGUDA	85 VELIMELA
43 LAKSHMIGUDA	86 YEMKUNTA

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64. Pulp and paper industries (Agro based and Waste based).
65. Electroplating.
66. Calcium Carbide Industry.
67. Lime kiln.
68. Bone mills and allied Industries

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ANNEXURE III
SPECIAL MEASURES RECOMMENDED BY THE COMMITTEE

1. The scientific studies conducted by reputed scientific organizations indicate that there is no acidification of the lakes. However as a precaution, the industries identified and listed in the Annexure I shall be prohibited in the down stream up to 10 km from the two lakes.
2. Permission may be accorded for other industries adhering to the existing legislative and regulatory framework. However any new industry shall be prohibited to install any equipment/ machinery which use Coal/Furnace oil as fuel.
3. Considering the existing ambient air quality status being within the permissible limits, the existing industries in downstream of the two lakes will be permitted to operate provided they adhere to the existing environmental laws and regulatory norms.
4. In order to protect raw water channel from Osman Sagar to Asifnagar, no layout or building permission shall be granted by MCH/HUDA/Director of Town and Country Planning up to a maximum of 100 feet from the conduit site boundary. While approving layout plans for building permission with the above condition also it shall be ensured that the conduit a minimum of 9 Meters wide road plus green belt to a maximum width of 100 feet shall be maintained to act as buffer on either side of conduit. The green belt which will be part of mandatory open space to be left out in the layout. Drainage pipelines must be laid parallel to the conduit and no sewage / sullage water discharges will be allowed from the layout towards the conduit.
5. The Government may take up a detailed drainage and sewerage plan for the entire area i.e. 10 km distance in the downstream of lakes. For augmenting the resources for this purpose, a special cess may be imposed while permitting any development activities in the downstream of the lakes.
6. Considering the scientific reports of low ground water availability, ground water use shall be discouraged.
7. Paved areas shall be minimum to the extent possible and Greenery/ Plantation/ Open areas may be encouraged as per HUDA norms/provisions.
8. The minimum plot size will be specified while preparing the master plans / zonal development plans covering this area to avoid unplanned growth. All activities / plots shall conform to HUDA norms / rules.
9. Properly designed rainwater harvesting structures shall be constructed and maintained for water conservation.
10. The solid waste generated will be collected properly, transported and disposed safely by the respective local authority.
11. Biological, Physico Chemical (BPC) parameters shall be monitored by the Nodal Agency to ensure the wholesomeness of the areas of the two lakes regularly. Any deviations will be tracked and suitable measures / decisions will be taken. Impact studies on lakes will be carried out periodically by a competent agency within 10 Kms from FTL including hydrological and geological studies so as to monitor the impact of the activities on the lake water quality and impact on the catchment area.
12. The topography of the bunds of the lakes shall not be changed.

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13. Impact studies are to be carried out periodically by a competent agency within 10 kms from FTL including hydrological and geological studies so as to monitor the impact of the activities on the lake water quality and impact on the catchment area.
14. Concept of green building practices will be encouraged.

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31. Poly vinyl chloride.
32. Polypropylene.
33. Chlorates, per chlorates and peroxides.
34. Polishes.
35. Synthetic resins.
36. Asbestos.
37. Stone crushing unit.
38. Ferrous and non-ferrous metal extraction, refining, casting, forging, processing etc.
39. Phosphate rock processing plants.
40. Glass and glass products involving use of coal.
41. Petroleum refinery.
42. Manufacture of lubricating oils and greases.
43. Coal, oil, wood or nuclear based thermal power plants.
44. Craft paper mills.
45. Caustic soda - Mercury cell and Membrane cell.
46. Potash.
47. Phosphorous and its compounds.
48. Acids and their salts (organic & inorganic)
49. Nitrogen compounds (Cyanides, Cyanamides and other nitrogen compounds)
50. Explosive (including industrial explosives, detonators & fuses).
51. Phthalic anhydride.
52. Processes involving chlorinated hydrocarbon.
53. Fertilizer Industry – Large, Medium and Small scale.
54. Paper board and straw boards.
55. Manufacture of pulp-wood, pulp, mechanical or chemical (including dissolving pulp)
56. Industrial carbons (including graphite electrodes, anodes, midget electrodes, graphite blocks, graphite crucibles, gas carbons activated carbon, synthetic diamonds, carbon black, channel black, lamp black etc.)
57. Cement with vertical shaft kiln technology pending certification of proven technology on pollution control.
58. Chlorates, Per chlorates & peroxides.
59. Integrated Iron and Steel.
60. Pharmaceuticals (Basic) – Large, Medium and Small scale.
61. Organic and inorganic Chemicals.
62. Reheating (Reverberatory) Furnace.
63. Foundries, Cupola, Arc furnace, induction furnace – Large and Medium scale.

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8. Further, The Vice Chairman, Hyderabad Urban Development Authority will prepare a Zonal Development Plan for the entire downstream area incorporating the above regulations and ensure that the above restrictions are enforced strictly. Managing Director Hyderabad Metro Water Supply & Sewerage Board will constitute a watch committee to oversee the enforcement of these regulations.

9. Notice is hereby given that the above draft will be taken into consideration after expiry of fifteen days from the date of publication of the notification in the Extraordinary issue of Andhra Pradesh Gazette and that any objections or suggestions which will be received from any person with respect thereto before expiry of the said period will be considered by the Government of Andhra Pradesh. Objections or suggestions should be addressed to the Principal Secretary to Government, Municipal Administration and Urban Development Department, Secretariat, Andhra Pradesh, Hyderabad – 500 022.

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APPENDIX NOTIFICATION

Whereas, a part of drinking water requirement of twin cities of Hyderabad and Secunderabad is met from two surface reservoirs namely Osmansagar and Himayathsagar. In 1988 it had come to the notice of the Government that in catchment area of the two lakes some unauthorized check-dams were being constructed and water was being illegally tapped thereby reducing the flows of water into the above lakes. Therefore with a view to protect the hydrological regime of the catchment areas, orders were issued in G.O.Ms.No.50 M.A. dated 28.01.1989 prohibiting the interception of any inflows of water into the lakes, removal of unauthorized check dams; tapping of ground water in these catchment areas; preventing unauthorized occupation of land etc.

2. And whereas, in 1993 Hyderabad Metro Water Supply & Sewerage Board constituted an Expert Committee to suggest ways and means to monitor the quality of water in the above two reservoirs. Based on the interim report of the Committee orders were issued in G.O. Ms.No.192, Dt.31.03.1994 prohibiting the establishment of any polluting industries, major hotels, residential colonies or other establishments that generate pollution in the catchment area within 10 km radius from Full Tank Level of above two lakes; permitting the development activities beyond 10 km radius (within the catchment area) subject to No Objection Certificate from Hyderabad Metro Water Supply & Sewerage Board, Andhra Pradesh Pollution Control Board, Director of Town Planning, Hyderabad Urban Development Authority and Industries Department.

3. And whereas, in 1995, after detailed discussions and field visits the expert committee submitted second report, based on which orders were issued in G.O.Ms.No.111, dated 08.03.1996. The fundamental objective of this notification was to protect the above reservoirs by preventing upstream pollution and to certain extent downstream pollution and declare a zone as a prohibited zone. For this purpose 84 villages falling within 10 Kms distance in the catchment area were notified as prohibited zone wherein polluting industries, major hotels, residential colonies or other establishments that generate pollution are prohibited and polluting industries are prohibited within 10 km radius i.e., both on upstream and downstream side to prevent acidification of lakes (due to air pollution).

4. And whereas, keeping in view, the recent developments coming up in the downstream of the above two reservoirs Government felt that there is a need to regulate the developments in the downstream area also to avoid direct pollution of the reservoirs. Therefore, vide G.O.Rt.No.952 Municipal Administration & Urban Development Department, dated 29.11.2005, a Committee has been constituted with the officials of Hyderabad Metro Water Supply & Sewerage Board, Andhra Pradesh Pollution Control Board, Hyderabad Urban Development Authority, Andhra Pradesh Industrial Infrastructure Corporation, Industries Department and Municipal Administration & Urban Development Department to indicate the activities to be permitted in the downstream area and specify the clear distance to be maintained from the bund / Full Tank Level in the downstream to prevent direct pollution of the above reservoirs. Meanwhile, the study conducted by the Environment Protection Training & Research Institute in collaboration with the NGRI / IICT on the possibilities of establishing non-polluting industries within 10 kms distance in the down stream area has concluded that there is no possibility of ground water moving upwards the lakes; no back flow of effluents; acidification of lakes is not of concern in the Hyderabad Region; there is possibility of establishment of non-polluting industries (Green and Orange category) in the down stream and all monitored pollutants are well within the standards.