



BANGALORE WATER SUPPLY AND SEWERAGE BOARD
2nd Floor, Cauvery Bhavan, K.G.Road, Bangalore-560009

No : BWSSB/EIC/CE(M)/ACE(M)-II/DCE(M)-II/TA(M)-II/ / 2014-15

Dated: 05/06/2014

8651

To

M/s. Valmark Developers Pvt. Ltd.,
No. 133/1, 10th Floor, Residency Road,
Bangalore-560025.

Sir,

Sub: Issue of NOC for the proposed Residential Building at Sy. No. 2, 3, 5, 6, 7, 8, 9 & 24 of Chandrashekarapura & Sy. No. 112 & 113 of Kamanahalli village, Begur Hobli, Bangalore South Taluk, Bangalore.

Ref: 1) Requisition letter from M/s. Valmark Developers Pvt. Ltd.,
Dated : 29.05.2014.
2) No: BWSSB/EECMC-4/PB/214/2013-15 Dt: 09.05.2014.
3) Proceedings review meeting dt: 28.06.2014 (Case No.16)
4) O.N approved by 'C' Dt: 10.07.2014
5) File No: 1085

Please find herein enclosed a copy of plan endorsed for 'No objection Certificate' from BWSSB for providing water supply and underground facilities subject to the following conditions.

- 1) The water supply to the premises / layouts / society will be provided subject to the availability of water prevailing at the time of sanctioning the connection.
- 2) The party has to bear the cost of line estimate for both water supply and U.G.D lines, if there is no network near by the premises. Also, if the existing water supply and UGD lines needs up gradation, the cost towards upgrading the existing system has also to be borne by the developers.
- 3) The party has to pay the necessary prorata and other charges towards the building as specified by the Board prevailing at the time of sanction.
- 4) Rain water should not be let into the Board sewer line, which is against to the BWSSB Act.
- 5) The party should not provide sanitary points in cellar or Basement floor.
- 6) The applicant must create suitable structure/facility for rain water harvesting and ground water recharge.
- 7) The quantum of water supply and pressure will not be guaranteed.
- 8) Tertiary treated water available at BWSSB sewage treatment plants should be used for construction purpose in order to conserve potable water or otherwise they should make their own arrangements.
- 9) The party has to make arrangement for treatment plant for treating the waste water generated in their premises to achieve the standards as per the Annexure-I, II & III are enclosed herewith.
- 10) The applicant should make provisions for dual piping system to distinguish the use of the treated water for flushing, gardening and other purposes.
Drinking water pipe colour - Blue
Treated water pipe colour - Light Orange.

- 11) The applicant should not allow the untreated sewage out of the premises. The applicant is solely responsible for any environmental pollution.
- 12) If there are no UGD lines in the above area and until Board's sewer lines are provided, the developers should treat the sewage and treated effluent should be used for non potable purposes.
- 13) The difference in amount collected towards NOC charges & other charges as applicable, between the proposed area & actual construction area shall be paid at the time of seeking water supply and sanitary connections.
- 14) The applicant has to bear the share of providing water supply feeder mains, sewer sub- mains and waste water treatment plant, if demanded by the Board.
- 15) The party has to ear-mark the land if required for construction of GLR, OHT, sump tank, pump house service station etc., and land should be handed over to BWSSB "free of cost".
- 16) If any BWSSB lines are passing through the premises, the necessary shifting charges has to be borne by the developers. Further, set back has to be provided as directed by Board for safety of the pipelines.
- 17) The party should abide the "Rules and Regulations of BWSSB" from time to time.
- 18) BWSSB reserves the right to sanction or reject the water supply or UGD Connections without assigning any reasons.
- 19) NOC issued will be revoked if any dispute arises at any stage.
- 20) NOC issued should be produced at the time of availing connection along with plan.
- 21) If the above area falls under Tippagondanahalli catchment area this NOC will automatically be treated as cancelled.
- 22) Buildings or any permanent structure should not be constructed for a minimum distance of width of 5.00 mtrs adjacent to storm water drain, Nala, Raja Kaluve & Valleys.
- 23) The building including basement should be above the High Flood level of adjacent valleys, storm water drain, low lying area.
- 24) Under any circumstances the NOC charges will not be refunded. Even if NOC cancelled for any reasons.

The proposal consists of Residential Building project comprising of Block-1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16 each consisting of BF + GF + 4 Upper Floor & Block-17 consisting of BF + GF + 2 Upper Floor.

The party has paid an amount of Rs. 25,77,439/- towards N.O.C charges vide receipt No.0042003 dt: 28.10.2014 and Rs. 78,16,212/- towards Beneficiary Capital Contribution charges vide receipt No.0042002 dt: 28.10.2014 (Both amount paid at A/c Accounts BWSSB)

The above NOC file is entered in the Central Office register vide No.1085

Yours faithfully

[Signature]
Chief Engineer(M)
B.W.S.S.B

O.C. Approved by CE(M)

Note: Water supply to your premises can be assured only subject to availability

ANNEXURE-I

The disposal of trade effluents from Industrial into Board's sewers shall follow the standard namely

Sl. No	Parameters	
1	Suspended solids, mg/l, max	500
2	Dissolved solids (inorganic) mg/l, max	2100
3	PH value	5.5 to 9.0
4	Ammonical nitrogen (as N), mg/l, max	50
5	Total Kjeldahl nitrogen (as N), mg/l, max	-
6	Biochemical oxygen demand (3 days at 27 C) max (mg/l)	350
7	Chemical oxygen demand, mg/l, max	-
8	Arsenic (as As), mg/l, max	0.2
9	Mercury (as Hg), mg/l, max	0.01
10	Lead (as Pb), mg/l, max	1.0
11	Cadmium (as Cd), mg/l, max	1.0
12	Total Chromium (as Cr), mg/l, max	2.0
13	Oil and Grease mg/L, max	2.0
14	Hexavalent Chromium (as Cr + 6) mg/L, max	2
15	Selenium (as Se) mg/L, max	0.05
16	Copper (as Cu), mg/l, max	3.0
17	Zinc (as Zn), mg/l, max	15
18	Nickel (as Ni), mg/l, max	3.0
19	Cyanide (as CN), mg/l, max	2.0
20	Chloride (as Cl), mg/l, max	1000
21	Fluoride (as F), mg/l, max	15
22	Phenolic compounds (as	5.0
23	Radioactive materials	
	a) Alpha emitters (Micro Curie/ml) max	10
	b) Beta emitters (Micro Curie/ml) max	10
24	Bio-assay test	90% survival of fish after 96 hours in 100 % effluent
25	Manganese (as Mn) mg/L	2
26	Iron (as Fe) Mg/L	3
27	Vanadium (as V)	0.2
28	Nitrate Nitrogen mg/L	-
29	Sulphates (as SO ₄) mg/L	1000
30	Chlorides (as Cl) mg/L	600
31	Boron (as B) mg/L, max	2.0
32	Percent sodium max	3.0

Chief Engineer. I

BWSSB.

Bangalore

30/04/2014

ANNEXURE-II

Usage of existing ground water from borewells / open wells for any purpose including drinking is to be considered after ensuring its quality. The following specifications for drinking water quality shall apply for monitoring purpose, namely:-

Sl. No.	Parameters	IS 10500 : 1991 Desirable limit (Mg / l except for PH)
1	Arsenic	0.05
2	Cadmium	0.01
3	Chromium	0.05
4	Copper	0.05
5	Cyanide	0.05
6	Lead	0.05
7	Mercury	0.001
8	Nickel	-
9	Nitrate as NO ₃	45.0
10	PH	6.5-8.5
11	Iron	0.3
12	Total hardness (as CaCO ₃)	300.0
13	Chlorides	250
14	Dissolved solids	500
15	Phenolic compounds (as C ₆ H ₅ OH)	0.001
16	Zinc	5.0
17	Sulphate (as SO ₄)	200

ANNEXURE-III

Bio-Medical Waste

Liquid Waste	
Waste generated from laboratory and washing, cleaning, house-keeping and disinfecting activities	Disinfection by chemicals treatment using at least 1% hypochlorite solution or any other equivalent chemical reagent. It must be ensured that chemical treatment ensures disinfection before discharge into sewers
Chemical Waste	
Chemicals used in production of biological, chemicals used in disinfection, as insecticides, etc.,	Chemical treatment using at least 1% hypochlorite solution or any other equivalent chemical reagent. It must be ensured that chemical treatment ensures disinfection before discharge into sewers
Sewage generated in apartments treated with re-cycling plant / Sewerage Treatment Plant on land use	Should be treated BOD ₅ - 20 mg / L Suspended solids - 30 mg / L

Chief Engineer-1
BWSSB.

Bangalore.