



ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ  
**Karnataka State Pollution Control Board**

"ಪರಿಸರಭವನ", 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ.49, ಚರ್ಚ್‌ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ  
"Parisara Bhavana", 1st to 5th Floor, # 49, Church Street, Bengaluru - 560 001, Karnataka, INDIA

Vikas Telecom

//BY REGD.POST WITH ACK.DUE//

(This document contains 06 pages including annexure)

25 JUN 2018

Combined Consent order No. CFE/EIA-561/2006-07/H-333

Date:

Consent to operate (CTO) Sewage Treatment Plant (STP) for discharge of sewage under the Water (Prevention and Control of Pollution) Act 1974 and Emissions under the Air (Prevention and Control of Pollution) Act 1981.

- Ref:1. CTO order No. CFE/EIA-561/2006-07/H/915 dated 23.03.2017.  
2.CTO Application received at Regional Office, Bommanahalli dated 27.02.2018.  
3. Inspection of the project by Regional Office, KSPCB, Bommanahalli on 04.04.2018.  
4.The Proceedings of the consent committee meeting held on 29.05.2018.



Consent is hereby granted under section 25 of Water (Prevention and Control of Pollution) Act 1974 and under Section 21 of Air (Prevention and Control of Pollution) Act 1981 (herein after referred as the Water Act and the Air Act respectively) and the Rules and Orders made there under and subject to the terms and conditions as detailed in the schedule annexed to this order.

Consent is granted to, The Authorized Signatory – M/s. Vikas Telecom Pvt. Ltd., 1<sup>st</sup> Floor, Embassy Point, No. 150, Infantry Road, Bengaluru – 01 authorizing them to operate Sewage Treatment Plant (STP) of capacity for Block 1 A – 490 KLD, Block 2 A-D & Swing Space – 720 KLD, Block 5 A-L – 1035 KLD, Block 7 B (inclusive of MLCP) – 380 KLD for treatment and discharge of 460 KLD, 540 KLD, 1000 KLD & 360 KLD respectively sewage from Mega integrated Information Technology Park ie., from Block 1A, Block 2A, 2B, 2C & 2D (existing), Block 5A, 5B, 5C, 5D, 5E, 5F, 5G, 5H, 5I, 5J, 5K, 5L and Block 7B having builtup area 7,80,107.684 Sq.m in the name of Embassy Tech Village (Formerly known as Vrindhavan Tech Village) located at Sy. No.8/1, 8/2, 8/3, 8/4, 8/5, 9/1, 9/2, 9/3, 9/4, 9/5, 10/3P, 10/4P, 10/5, 10/6, 10/7, 10/8, 10/9, 10/10, 10/12P, 10/13, 11/3P, 11/4P, 11/5, 11/6, 11/7, 11/8, 11/9, 11/10, 12/1, 12/2, 12/3, 12/4, 12/5, 12/6, 12/7, 12/8, 12/9, 12/10, 12/11, 12/12, 12/13, 13, 14/1, 14/2, 14/3, 14/4, 14/5, 14/6, 14/7, 14/8, 14/9, 14/10A, 14/10B, 14/11, 14/12, 14/13, 14/14, 14/15, 14/16, 14/17, 54/7 & 55/6, Devarabeeshanalli Village, Varthur Hobli, and Sy. No. 29/2P of Kariyammana Agrahara Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru and to make discharge of effluents and emissions from the above premises and subject to the terms and conditions as detailed in the schedule annexed to this Order.

Sadiq Ahmed  
Senior Environmental Officer.

Discharge of sewage under the Water Act 1974:

Sl. no.	Description	Blocks	Permitted Quantity of discharge	Limits specified	Place of discharge after treatment
1	Sewage	Block 1 A	460 KLD	Condition A (3).	Toilet flushing, and gardening, HVAC make up.
2		Block 2 A-D & Swing Space	540 KLD		
3		Block 5 A-L	1000 KLD		
4		Block 7 B (inclusive of MLCP)	360 KLD		

Discharge of air emissions under the Air Act from the following stacks/process etc.

Sl.No.	Blocks	Description of chimney/outlet	Limits specified refer schedule
1 to 6	Block 1A	DG Set – 2000 KVA x 6 No's	As per Annexure-I.
7 to 18	Block 2 A-D	DG Set- 2200 KVA x 12 No's	
19 to 20	Kirby Structure (temporary structures)	DG Set- 750 KVA x 2 No's	
21 to 38	Block 5 A-L	DG set – 1500 KVA x 18 No's	
39 to 46	Block 7 B	DG set – 1500 KVA x 8 No's	

This consent is valid to operate Sewage Treatment Plant (STP) for discharge of sewage and air emissions from the above said premises.

This Consent is granted for the period upto 30.06.2022.

For and on behalf of the KSPCB

  
Sadia Ahmed  
Senior Environmental Officer.

To,  
The Authorized Signatory  
M/s. Vikas Telecom Pvt. Ltd.,  
1<sup>st</sup> Floor, Embassy Point, No. 150, Infantry Road,  
Bengaluru – 01.

**SCHEDULE  
TERMS AND CONDITIONS**

(To accompany consent No. CFE/EIA-561/2006-07

Date:

**A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT, 1974.**

1. The discharge from the premises of the applicant shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act or Rules made there under.
2. The daily quantity of discharge shall not exceed the following quantities.

Sl. No	Description of the effluents	Blocks	Daily quantity of discharge in KL	Tolerance Limits	Frequency of monitoring
1	Sewage	Block 1 A	460 KLD	As below	Once in 03 months.
2		Block 2 A-D & Swing Space	540 KLD		
3		Block 5 A-L	1000 KLD		
4		Block 7 B (inclusive of MLCP)	360 KLD		

3. The quantity of sewage shall not exceed from Block 1 A – 460 KLD, Block 2 A-D & Swing Space – 540 KLD, Block 5 A-L – 1000 KLD, Block 7 B (inclusive of MLCP) – 360 KLD and shall be treated in the sewage treatment plants of (STP's) of capacities 490 KLD, 720 KLD, 1035 KLD & 380 KLD with the treatment scheme as submitted in the STP proposal to meet the standards stipulated below before utilizing for Urban Reuse viz., landscape irrigation, vehicle washing, toilet flushing, use in fire protection and commercial air conditioners.

Sl. No	Parameter	Parameters Limit.
01.	pH	6.5 – 9.0
02.	BOD (mg/l)	Not more than 10
03.	COD (mg/l)	Not more than 50
04.	TSS (mg/l)	Not more than 20
05.	NH4-N (mg/l)	Not more than 5
06.	N-Total (mg/l)	Not more than 10
07.	Fecal Coliform (MPN/100 ml).	Less than 100

4. If the treatment plant do not achieve the effluent standards stipulated under conditions (3) above or if it is found to be inadequate, then the applicant shall have to modify the units so as to meet the standards with prior consent of the Board.
5. All the treatment units shall be made impervious.
6. There shall not be generation of trade effluent from the process.

  
 Sadia Ahmed  
 Senior Environmental Officer.

7. The applicant shall provide waterless urinals to conserve water
8. The applicant shall provide individual energy meter to STP and flow meter. A log book on readings shall be maintained.

#### **B. DISCHARGE OF EMISSIONS UNDER THE AIR ACT, 1981**

1. The discharge of emissions from the premises of the applicant shall pass through the stack/chimney/outlet mentioned in this consent order where from the Board shall be free to collect the samples at any time in accordance with the Act or Rules made there under.
2. The rate of emissions discharged and the tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure. The applicant shall monitor the emission levels as per the frequency schedule indicated in the **Annexure-I**.

#### **C. GENERAL CONDITIONS:**

1. The applicant shall have an Environmental Cell with qualified Environmental Engineer or Environmental Scientist.
2. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed
3. The applicant shall not change or alter quality or quantity or the rate of discharge or temperature or the route of discharge with out the previous consent of the Board.
4. The applicant shall promptly comply with all orders and instructions issued from time to time by the Board or any other officers of the Board duly authorized in this behalf.
5. The applicant shall provide in house garbage/organic waste converter.
6. The applicant shall provide the necessary STP before starting the activities.
7. The project authorities shall dispose scientifically Bio-Medical waste and electronic waste to authorized common disposal facility and authorized recyclers respectively by entering into agreement as per new Bio Medical Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016.
8. The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
9. The applicant shall provide alternate power supply sufficient to operate all Pollution control equipments utilized by the applicant to maintain compliance with the terms and conditions of this consent.

  
Sadiq Ahmed  
Senior Environmental Officer.

10. The applicant, his heirs, legal representatives or assigns shall have no claims whatsoever to the continuation or renewal of this consent after expiry of the period of consent.
11. The applicant shall forthwith keep the Board informed of any accident or unforeseen act or event of any poisonous, noxious or polluting matter or emissions being discharged into stream or well or air as a result of such discharge, water or air is being polluted.
12. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
13. The applicant shall make an application for consent at least 120 days before expiry of this consent.
14. All the inorganic waste generated from the apartment shall be segregated & recycled back to the authorized re-processor.
15. The applicant shall strictly follow the Government Notification No. FEE 17 EPC 2012 Bangalore dated 11.03.2016 with regard to plastics ban.
16. The CFO is issued without prejudice to the Court cases pending in any Hon'ble Courts.

For and on behalf of the KSPCB

  
Sadia Ahmed  
Senior Environmental Officer.

Encl : Annexure – I.

**ANNEXURE - I**

Chimney No.	Blocks	Chimney Attached to	Minimum Chimney Height to be Provided	Rate of emission NM3/Hr.	Constituents to be controlled in the emission.	Tolerance limits Mg/NM3	Air Pollution Control equipment to be installed, in addition to Chimney height as per Col (3)	Date of which air pollution Control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1 to 6	Block 1A	DG Set – 2000 KVA x 6 No's	30m AGL (Individual Chimneys)	-	NO <sub>x</sub> . NMHC** PM *** CO ****	710 100 75 150	Chimney height as per Col. (3) and With acoustic measures	At all the time
7 to 18	Block 2 A-D	DG Set- 2200 KVA x 12 No's	30m AGL (Individual Chimneys)	-	NO <sub>x</sub> . NMHC** PM *** CO ****	710 100 75 150	Chimney height as per Col. (3) and With acoustic measures	At all the time
19 to 20	Kirby Structure (temporary structures)	DG Set- 750 KVA x 2 No's	30m AGL (Individual Chimneys)	-	NO <sub>x</sub> . NMHC** PM *** CO ****	710 100 75 150	Chimney height as per Col. (3) and With acoustic measures	At all the time
21 to 38	Block 5 A-L	DG set – 1500 KVA x 18 No's	30m AGL (Individual Chimneys)	-	NO <sub>x</sub> . NMHC** PM *** CO ****	710 100 75 150	Chimney height as per Col. (3) and With acoustic measures	At all the time
39 to 46	Block 7 B	DG set – 1500 KVA x 8 No's	30m AGL (Individual Chimneys)	-	NO <sub>x</sub> . NMHC** PM *** CO ****	710 100 75 150	Chimney height as per Col. (3) and With acoustic measures	At all the time

**Note:** (as NO<sub>2</sub>) (at 15% O<sub>2</sub>) dry basis in ppmv

\*\* - (as C) (at 15% O<sub>2</sub>), mg/Nm<sup>3</sup>

\*\*\* - (at 15% O<sub>2</sub>), mg/Nm<sup>3</sup>

\*\*\*\* - (at 15% O<sub>2</sub>), mg/Nm<sup>3</sup>

The noise levels shall not exceed 65 dB(A) leq. and 55 dB(A) leq. during day time and night time respectively.

  
Sadig Ahmed  
Senior Environmental Officer.