

FILE NO : :PCB/HO/EKM/ICE/56/2014

Date of issue : 13/06/2019



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

ISSUED UNDER

The Water (Prevention & Control of Pollution) Act, 1974

The Air (Prevention & Control of Pollution) Act, 1981

and

The Environment (Protection) Act, 1986

As per Application No. :9930934

Dated:04-04-2019

TO

M/s FEDERAL GREENS

MARIYAPADI,

KARUMALLOOR,

U C COLLEGE P O

ALUVA - 683101

Consent No. :PCB/HO/ESC/ICO/03/2019

Valid Upto :31/03/2024

1. GENERAL

1.1. This integrated consent is granted subject to the power of the Board to withdraw consent, review and make variation in or revoke all or any of the conditions as the Board deems fit.

1	VALIDITY	31/03/2024
2	Name and Address of the establishment	FEDERAL GREENS MARIYAPADI, KARUMALLOOR, U C COLLEGE P O ALUVA 683101
3	Communication	Telephone :0484-6006546 Fax :- E-mail:federalgreens@gmail.com
4	Occupier Details	RAJU M V THE SECRETARY, FEDERAL HOUSE CONSTRUCTION CO OPERATIVE SOCEITY,962 FEDERAL GARDENS PULINCHODU, ALUVA-683101
5	Local Body	KARUMALLUR PANCHAYAT
6	Survey Number	92/8-1,92/8-2,92/8-3.
7	Village	KARUMALLUR
8	Taluk	PARAVUR
9	District	ESC Eloor
10	Capital Investment(Rs in Lakhs)	5725.00 Rs in Lakhs
11	Scale	Large
12	Category	ORANGE
13	Annual fee(Rs)	Rs. 1, 97, 000/-
	Total Fee remitted(Rs)	Rs. 6, 02, 625/- (Fee from ICE-R -Rs. 3, 94, 000/-)
14	Activity	Residential Building- with total 120 no of apartments (• 118 -3 BHK & • 2 nos- 2 BHK). Total Built up area- 23049.95 sq. meters. DG Set - 1070 kVA.

2. CONDITIONS AS PER

The Water(Prevention and Control of Pollution)Act, 1974

- 2.1 Sewage Treatment Plant(STP) consisting of treatment units having adequate capacity shall be functional/ arrangement for sewage treatment shall be provided, as per the Integrated Consent to Establish, at all times during the operation of the establishment. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1) (g) of the Water Act shall also be made along with.

2.2 Water consumption: 108 kLD

2.3 Effluent generation: 86 kLD.

2.4 The characteristics of effluent after treatment shall confirm to the following tolerance limits:

Sl.NO.	Characteristics	Unit	Tolerance Limit	
			Sewage	Trade Effluent
1	N-total	mg/l	10	-
2	BOD(3 days at 27 degree celcius)	mg/l	3	-
3	TSS	mg/l	10	-
4	COD	mg/l	1	-
5	pH	-	6.5 - 9	-
6	NH4-N	mg/l	5	-
7	Fecal Coliform(FC)	MPN/100ml	<230	-

2.5 Mode of disposal of treated effluent:

- 34.4 kl for flushing/day,
- 34.4 kl for gardening
- 17.2 kl to the soak pit.

3. CONDITIONS AS PER

The Air(Prevention and Control of Pollution)Act, 1981

3.1 Adequate air pollution control measures shall be operational at all times during the functioning of the industry. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be made along with.

Stack No.	Sources of Emission	Emission Rate(Nm3/Hr)	Stack Height above		Control Equipment
			Ground Level	Roof Level	
1	1070 kVA DG SET	-	60 m	6.5 m	Acoustic Enclosure

3.2 Emission characteristics shall not exceed the following:

Sl.No.	Parameter	Limiting Standards (mg/Nm3)
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4. CONDITIONS AS PER

The Environment (Protection) Act, 1986.

4.1 The construction activities shall be carried out strictly in compliance with the provisions of the Noise Pollution (Regulation and Control) Rules 2000.

- 4.2 Used lead acid batteries shall be disposed of as per the Batteries (Management and Handling) Rules, 2001
- 4.3 e-waste shall be disposed off safely as per the e-waste (Management and Handling) Rules, 2011.

5. SPECIFIC CONDITIONS

5.1 This Integrated Consent to Operate is granted subject to the power of the Board to review and make variation in all or any of the following conditions.

5.2 The occupier shall comply with the instructions that the Board may issue from time to time regarding and control of air, water, land, and sound pollution.

5.3 For renewal of the consent in case of continuance of operation of the industry, application in the prescribed form shall be submitted through the web portal of the Board <http://kroemms.nic.in> for renewing the Consent on or before two month in advance to expiry date.

5.4 Any change or alteration of the unit shall be made only with the prior permission of the Board. Any change in the particulars furnished in the references and/or in the identity of the occupier/authorized agent shall be the intimated to the Board forthwith.

5.5 The conditions specified in the Environmental Clearance order no. No.148/SEIAA/KL/2938/2013 dated 02/01/2014 shall be complied with.

5.6 There shall be easy access to each and every effluent treatment unit and the final outlet for inspection and drawing of effluent samples.

5.7 Discharge of effluent shall be made only through the outlet shown in the drawing attached.

5.8 The sound level measured at 1 m outside the boundary of the premises shall not exceed the ambient sound level standard applicable for the adjoining area.

5.9 D. G sets shall be maintained properly.

5.10 Biodegradable wastes shall be disposed through the bio gas plants provided.

5.11 Non Biodegradable wastes shall be safely stored and disposed through own facility safely.

5.12 Periodic/Annual Reports shall be submitted through the E-Correspondence in the Boards Online Web Portal.

5.13 Plastic waste if any generated shall be collected with due segregation and disposal off as per Plastic Waste Management Rules 2016.

5.14
and maintained.

Arrangements for rain water harvesting as per local body directives shall be provided

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SIGNATURE & SEAL OF ISSUING AUTHORITY
MEMBER SECRETARY

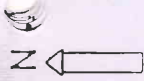


To

M/s. FEDERAL GREENS,
MARIYAPADI,
KARUMALLOOR,
U C COLLEGE P O,
ALUVA - 683101

- 1. This digitally signed document is legally valid as per the Information Technology Act 2000**
2. For verifying this document please go to krocmmms.nic.in and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent Management and Monitoring System.

FEDERAL GREENS ALUVA 100m SITE PLAN



BLOWER
PUMP
SLUDGE FILTER FEED PUMP
PUMP



PUMP ROOM

STP UNITS

1. BAR SCREEN
2. ANAEROBIC TANK
3. EQUALIZATION TANK
4. SEQUENCING BATCH REACTOR-1
5. SEQUENCING BATCH REACTOR-2
6. FILTER FEED TANK
7. PRESSURE SAND FILTER
8. ACTIVATED CARBON FILTER
9. SLUDGE HOLDING TANK
10. TREATED WATER TANK
11. ULTRA FILTRATION
12. FILTER PRESS

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MEMBER SECRETARY

NAME AND ADDRESS OF THE INDUSTRY

FEDERAL GREENS
MARIYAPADI, KARUMALLOOR,
U C COLLEGE, P O ALUVA

NAME AND ADDRESS OF APPLICANT

RAJU M V (SECRETARY)
FEDERAL HOUSE CONSTRUCTION
CO OPERATIVE SOCIETY,
962 FEDERAL GARDENS PULINCHODU, ALUVA-683101

DETAILS OF LAND AND BUILDING

SURVEY NO : 92/8-1,92/8-2,92/8-3
WARD NO : XIV
VILLAGE : KARUMALLUR
TALUK : PARAVUR
DISTRICT : ERNAKULAM
DG SET : 160 KVA
STP : 66KLD
FLOORS : B+C+15
APARTMENT : 120 NO. 3 BED



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Approved outlet location drawing
Environmental Engineer
ESC, Eloor

