

ACTIVE PROMOTERS PRIVATE LIMITED

(Regd. Off.:- 306-308, Square One, C-2, District Centre, Saket, New Delhi-110017)

To,
Dr. Vimal Kumar Hatwal
Joint Director
Ministry of Environment, Forest & Climate Change
Northern Regional Office
Bays No. 24-25, Sector 31-A
Dakshin Marg, Chandigarh-160030

Date: 25.11.2020

Subject: Construction of Group Housing Colony including commercial area development project at Village Badshahpur, Sector- 66, Gurgaon, Haryana by M/s Active Promoters Pvt. Ltd. & Others – Submission of Six-monthly report – **Dec 2020.**

Ref: MOEF's Environmental Clearance Letter No. 21-835/2007-IA.111, dated April 21, 2008.

Dear Sir,

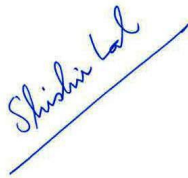
With reference to the above-mentioned subject, we are hereby submitting soft copy of six-monthly report for Group housing colony and Commercial complex for **December 2020.**

We hope the above report meets your requirement.

Thanking You

Yours faithfully,

For M/s Active Promoters Pvt. Ltd. & Others



Authorized Signatory

Encl: As Stated

CC: 1. State Environmental Impact Assessment Authority, Bay No. 55-58, Paryatan Bhawan, Sector-2, Panchkula, Haryana – 134 151.
2. The Chairman, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula, Haryana – 134 109.

ACTIVE PROMOTERS PRIVATE LIMITED

(Regd. Off.:- 306-308, Square One, C-2, District Centre, Saket, New Delhi-110017)

SIX MONTHLY REPORT

Project Name: Group Housing Colony including Commercial Area Development Project at Village Badshahpur, Sector-66, Gurgaon, Haryana

Environmental Clearance No. :No. 21-835/2007-IA.III, Dated April 21, 2008

PART A: SPECIFIC CONDITIONS

I. Construction Phase : The project has obtained Occupation Certificate for the complete project, hence construction phase is not applicable.

S.N.	Specific Condition	Status
1	Vehicles hired for construction activities should be operated only during non-peak hours.	Not applicable as construction phase is complete
2	All the top soil excavated during construction activities should be stored for use in horticulture / landscape developments within the project site.	
3	Ready mixed concrete shall be used in building construction.	
4	Water demand during construction shall be reduced by use of pre mixed concrete, curing agents and other best practices.	
5	Permission to draw and use ground water for construction work shall be obtained from competent authority prior to construction / operation of the project.	
6	Fixtures for showers, toilet, flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	
7	Use of glass may be reduced upto 40% to reduce electricity consumption & load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	
8	Roof should meet the prescriptive requirement as per energy conservation building code by using appropriate thermal insulation material to fulfill requirement.	

S.N.	Specific Condition	Status
9	Opaque wall should meet prescriptive requirement as per energy conservation building code which is proposed to be mandatory for all air conditioned spaces while it is aspirational for non air-conditioned spaces by use of appropriate thermal insulation to fulfill requirement.	
10	Storm water control and its reuse should be as per Central Ground Water Board and BIS standards for various applications.	
11	All required sanitary and hygienic measures including portable toilets / septic tank etc. for labour should be in place before starting construction activities and to be maintained throughout the construction phase.	
12	Soil and ground water samples will be tested to ascertain that there is no threat to groundwater quality by leaching of heavy metals and other toxic contaminants.	Soil quality has been analyzed and results are enclosed as Annexure 1 . The water analysis has been done; the results indicate that all the parameters are well within the permissible limits as per IS 10500 – 2012. The results are enclosed as Annexure 2 .
13	First Aid Room will be provided at project site both during construction & operation of project.	
14	Adequate drinking water facility should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	
15	Disposal of muck including excavated material during construction phase should not create any adverse effects on neighboring communities and be disposed off taking necessary precautions for general safety & health aspects of people.	
16	Diesel power generating sets used during construction phase should be of "enclosed type" to prevent noise and should conform to rules made under Environment (Protection) Act 1986, prescribed for air and noise emission standards.	Diesel power generating set are enclosed type and conforms to rules made under Environment (Protection) Act prescribed for air and noise emission standards. Copy of report for DG stack emission and noise is attached as Annexure 3 and Annexure 4 respectively.

S.N.	Specific Condition	Status
17	Ambient noise levels should conform to standards both during day and night when measured at boundary wall of the premises. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.	The ambient air and noise monitoring results are enclosed as Annexure 5 and Annexure 6 respectively.
18	Construction agencies shall use flyash based material/ products as per provisions of fly ash notification of 14.9.1999 & as amended on 27.8.2003.	
19	Vehicles hired for bringing construction material at site should be in good condition and should have valid "pollution under check"(PUC) certificate and to conform to applicable air and noise emission standards and should be operated only during non-peaking hours.	
20	Construction spoils including bituminous material & other hazardous materials must not be allowed to contaminate water courses & dump sites for such material must be secured so that they should not leach into groundwater.	
21	Any hazardous waste generated during construction phase should be disposed of as per applicable Rules & norms with necessary approvals of the State Pollution Control Board.	
22	Under the provisions of the Environment (Protection) Act 1986, legal action shall be initiated against the project proponent if it was found that construction of the project had started without obtaining environmental clearance.	Environmental clearance has been obtained before starting construction.
23	Diesel required for operating DG Set shall be stored in underground tanks & if required, clearance from Chief Controller of Explosives shall be taken.	Adequate provision has been made for storage of diesel during operation phase. License for storage of 60 KL HSD obtained from Petroleum & Explosives Safety Organization, Faridabad.

S.N.	Specific Condition	Status
24	Approval of competent authority shall be obtained for structural safety of buildings due to earthquake, adequacy of firefighting equipments etc. as per National Building Code including protection measures from lightning etc. If any forest land is involved in the proposed site, clearance under The Forest Conservation Act shall be taken from the competent Authority,	Fire safety scheme approval for the project obtained and copy submitted with previous compliance. No forest land is involved in the proposed project. Hence clearance from Forest Dept. under Forest Conservation Act is not required.
25	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase so as to avoid disturbance to the surroundings.	Regular supervision and environmental monitoring being done to avoid disturbance to the surroundings.

II. Operation Phase

S.No.	Specific Condition	Status
1	Diesel power generating sets proposed as source of backup power for lifts, common area illumination & for domestic use should be of "enclosed type" & conform to rules made under Environment (Protection) Act 1986. Location of DG Sets may be decided in consultation with SPCB.	DG sets installed with acoustic enclosure and operational. The same is being monitored for emission and noise level to conform to rule made under the Environment (Protection) Act 1986. DG Stack emission and noise are enclosed as Annexure 3 and Annexure 4 respectively.
2	Ambient noise levels should be controlled to ensure that it does not exceed the prescribed standards both within and at the boundary of the proposed complex.	Ambient noise level is being monitored at boundary of the project to ensure it does not exceed the prescribed standards. Ambient air & noise monitoring reports are enclosed as Annexure 5 & Annexure 6 respectively.
3	Weep holes in compound walls shall be provided to ensure natural drainage of rainwater in catchment area during monsoon period.	The same is being adhered.
4	STP shall be installed for group housing project for treatment of sewage generated to prescribed standards including odour & treated effluent will be re-cycled to the maximum extent possible. In case treated effluent is to be discharged separately during monsoon period consent of State Pollution Control Board shall be taken.	STP of 850 KLD, 250 KLD & 135 KLD installed at present, treated waste water from the proposed sewage treatment plant is being used for gardening and make up water for cooling tower to HVAC and DG sets. STP Analysis report is enclosed as Annexure 7 Consent to Operate from HSPCB valid till 30.09.2021 has been obtained and copy is enclosed as Annexure 8

S.N.	Specific Condition	Status
5	Separation of gray and black water should be done by the use of dual plumbing line. Treatment of 100% gray water by decentralized treatment should be done	Dual plumbing line provided. Wastewater is being treated at the STP and is being recycled for gardening and flushing purposes.
6	For disinfection of wastewater ultra violet radiation shall be used in place of chlorination.	UV radiation system has been installed for disinfection of treated wastewater.
7	Rainwater harvesting & groundwater recharging shall be practiced. Oil & Grease trap shall be provided to remove oil & grease from surface run off and suspended matter shall be removed in a settling tank before its utilization for rainwater harvesting.	The project has the provision of rainwater harvesting structure with Oil & Grease trap. The design of rainwater harvesting has been done as per the CGWB guidelines.
8	The solid waste generated should be properly collected & segregated. Wet garbage should be sent for composting and dry/inert solid waste should be disposed off to approved sites for land filling after recovering recyclable material.	Solid waste from the project is segregated into two categories (biodegradable & non- biodegradable waste) by housekeeping staff. Non biodegradable i.e. recyclable waste is being recycled and inert disposed off to HUDA Land fill site. The biodegradable waste is crushed and dewatered before being sent for composting outside project site at earmarked facility.
9	Open spaces inside plot should be preferably landscaped and covered with vegetation of indigenous variety. Green belt of adequate width and density will be provided all around the periphery of the plot suitably with local species to reduce noise and dust level.	Landscape area has been developed with vegetation of indigenous variety.
10	Groundwater levels & its quality should be monitored regularly in consultation with CGWA.	Ground water characteristics is being analyzed periodically.
11	Report on energy conservation measures should be prepared incorporating details about building materials & technology, R & U Factors etc and submitted to the Ministry in three months time.	The energy conservation norms incorporated to the extent possible.

S.N.	Specific Condition	Status												
12	The values of R & U for the building envelope should meet requirements of hot & humid climatic location. Details of the building envelope should be worked out and furnished in three months time.	R&U values for building material used are tabulated below. Values meet requirement of hot & humid climatic location. <table border="1"> <thead> <tr> <th>Particulars</th> <th>R - Value</th> <th>U - Value</th> </tr> </thead> <tbody> <tr> <td>Wall</td> <td>0.555 W/m²K</td> <td>1.802 m² k/W</td> </tr> <tr> <td>Roof</td> <td>0.562 W/m²k</td> <td>1.780 m² k/W</td> </tr> <tr> <td>U Value of Glass</td> <td>2.83 W/m²K</td> <td>0.353 m² K/W</td> </tr> </tbody> </table>	Particulars	R - Value	U - Value	Wall	0.555 W/m ² K	1.802 m ² k/W	Roof	0.562 W/m ² k	1.780 m ² k/W	U Value of Glass	2.83 W/m ² K	0.353 m ² K/W
Particulars	R - Value	U - Value												
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U Value of Glass	2.83 W/m ² K	0.353 m ² K/W												
13	Energy conservation measures like installation of CFLs/FLs for lighting the areas outside building should be integral part of project design and should be in place before project commissioning. Used CFLs & FLs should be properly collected and disposed of / sent for re-cycling as per prevailing rules / guidelines of regulatory authority to avoid Mercury contamination. Use of solar panels may be done to the extent possible.	Following Energy conservation measures are adopted <ul style="list-style-type: none"> ▪ Use of solar energy for meeting hot water requirement for group housing complex. ▪ Solar energy for lighting for partial external area. ▪ Reducing the electrical demand load by use of efficient Screw Chillers for lower energy consumption & variable speed (as per load) pumps for commercial complex. ▪ Day lighting and CFL lighting in common area. 												
14	The buildings should have adequate distance between them to allow movement of fresh air and passage of light to the residential premises.	Adequate distance between the buildings has been provided as per NBC at the design stage for movement of fresh air and passage of light.												
15	Adequate measures should be taken to prevent odour problem from solid waste processing plant as also from the STP.	Proper ventilation arrangements will be made to avoid odour problem at solid waste collection, segregation area and STP.												

PART B: GENERAL CONDITIONS

S.N.	General Condition	Status
1	Environmental safeguards contained in documents should be implemented in letter & spirit.	Is being adhered to.
2	Provision should be made for supply of kerosene or cooking gas & pressure cooker to laborers during construction phase.	Was being adhered..
3	6 monthly monitoring reports should be submitted to MoEF & its Regional Office.	6 monthly report is being submitted to Regional office of MoEF.



Vardan EnviroLab


Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
Branch Off: Plot No. 24 & 25, Narayan Vihar, Block-B, Jaipur - 302035 (Rajasthan)
ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number:	VEL/PS /S/01	Report No.:	VEL/S/2011/02/002
Name & Address of Party:	M/s Palm Square, Villlage-Badshahpur, Sector-66 Gurgaon, Haryana.	Format No.:	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	06/11/2020
		Period of Analysis:	02/11/2020 - 06/11/2020
Sample Description:	Soil Sample	Receipt Date :	02/11/2020
Sampling Location:	Garden Area	Sampling Date:	31/10/2020
Packing Status:	Temp Sealed	Type of Sampling:	Composite
Sampling & Analysis Protocol:	IS 2720 & USDA	Sampling Quantity:	2.0 Kg

S. No.	Parameter	Test-Method	Result	Unit
1.	pH (at 25 °C)	IS : 2720 (P-26) by pH Meter	7.31	--
2.	Conductivity	IS:14767 by Conductivity meter	0.46	mS/cm
3.	Soil Texture	IS : 2720 (P-22, RA2003)	Silty Loam	--
4.	Color	*SOP . SP-78.Issue No.-01& Issue Date-14/02/2013	Yellowish Brown	--
5.	Water holding capacity	*SOP . SP-81.Issue No.-01& Issue Date-14/02/2013	43.51	%
6.	Bulk density	*SOP . SP-80.Issue No.-01& Issue Date-14/02/2013	1.95	gm/cc
7.	Chloride as Cl	*SOP . SP-85.Issue No.-01& Issue Date-14/02/2013	81.65	mg/100g
8.	Calcium as Ca	*SOP . SP-82.Issue No.-01& Issue Date-14/02/2013	70.32	mg/100g
9.	Sodium as Na	*SOP . SP-84.Issue No.-01& Issue Date-14/02/2013	56.43	mg/kg
10.	Potassium as K	*SOP . SP-84.Issue No.-01& Issue Date-14/02/2013	64.11	kg/hect.
11.	Organic Matter	IS:2720 (P-22) Titrimetric Method	0.79	%
12.	Magnesium as Mg	*SOP . SP-83.Issue No.-01& Issue Date-14/02/2013	38.9	mg/100g
13.	Available Nitrogen as N	IS:14684 Distillation Method	261.00	kg./hect.
14.	Available Phosphorus	*SOP . SP-86.Issue No.-01& Issue Date-14/02/2013	34.31	kg./hect.
15.	Zinc (as Zn)	USEPA 3050B	21.32	mg/kg
16.	Manganese (as Mn)	USEPA 3050B	5.21	mg/kg
17.	Lead (as Pb)	USEPA 3050B	1.83	mg/kg
18.	Cadmium (as Cd)	USEPA 3050B	2.86	mg/kg
19.	Chromium (as Cr)	USEPA 3050B	2.34	mg/kg
20.	Copper (as Cu)	USEPA 3050B	3.18	mg/kg

* SOP-Laboratory standard operating procedure.


KOMAL SINGH
 ANALYST


SUBODH SHEKHAWAT
 DY. TECHNICAL MANAGER



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Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
Branch Off: Plot No. 24 & 25, Narayan Vihar, Block-B, Jaipur - 302035 (Rajasthan)
ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number:	VEL/PS/W/01	Report No.:	VEL/W/2011/02/002
Name & Address of Project:	M/s Palm Square, Village-Badshahpur, Sector-66 Gurgaon, Haryana.	Format No.:	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	06/11/2020
		Period of Analysis:	02/11/2020 to 06/11/2020
		Receipt Date:	02/11/2020
Sample Description:	Drinking Water Sample(RO)	Sampling Date:	31/10/2020
Sampling Location:	At Project Site	Type of Sampling:	Grab
Sample Collected by:	Vardan Enviro Lab Team	Sampling Quantity:	2.0 l.tr.
Sampling & Analysis Protocol:	IS & APHA	Preservation:	Refrigerated

S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -2012	
					Requirement (Acceptable Limit)	Permissible limit in the Absence of Alternate Source
1.	pH (at 25 °C)	APHA .4500-H ⁺ B Electrometric Method	7.35	--	6.5 to 8.5	No Relaxation
2.	Colour	APHA .2120 B. Visual Comparison Method	*BDL (**DL 5Hazen)	Hazen	5	15
3.	Turbidity	APIA. 2130 B. Nephelometric Method	*BDL (**DL 0. 1 NTU)	NTU	1	5
4.	Odour	APHA. 2150 B . Threshold Test Method	Agreeable	--	Agreeable	Agreeable
5.	Taste	APHA . 2160 B. Threshold Test Method	Agreeable	--	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	APHA . 2340 C. EDTA Titrimetric Method	59.00	mg/l	200	600
7.	Calcium as Ca	APHA. 3500 Ca B. EDTA Titrimetric Method	17.56	mg/l	75	200
8.	Alkalinity as CaCO ₃	APHA . 2320 B. Titrimetric Method	58.61	mg/l	200	600
9.	Chloride as Cl	APHA. 4500-Cl ⁻ B. Argentometric Method	26.35	mg/l	250	1000
10.	#Cyanide as CN	APHA . 4500 CN ⁻ D	*BDL(**DL 0.02 mg/l)	mg/l	0.05	No Relaxation
11.	Magnesium as Mg	APHA . 3500 Mg B. Calculation Method	3.69	mg/l	30	100
12.	Total Dissolved Solids	APHA . 2540 C. Gravimetric Method	145.00	mg/l	500	2000
13.	Sulphate as SO ₄	APHA . 4500 E. Turbidimetric Method	2.38	mg/l	200	400
14.	Fluoride as F	APHA . 4500-F ⁻ D. SPADNS Method	0.38	mg/l	1.0	1.5
15.	Nitrate as NO ₃	IS 3025 (P-34) .Chromotropic Method	1.43	mg/l	45	No Relaxation
16.	Iron as Fe	APIA . 3500-Fe B 1.10 Phenanthroline Method	0.21	mg/l	0.3	No relaxation
17.	Aluminium as Al	APHA . 3111 B	*BDL(**DL 0.02 mg/l)	mg/l	0.03	0.2
18.	Boron	APHA. 4500B C. Carmine Method	*BDL(**DL 0.01 mg/l)	mg/l	0.5	1
19.	Total Chromium as Cr	APHA . 3111 B. Direct Air. Acetylene Flame Method	*BDL(**DL 0.03 mg/l)	mg/l	0.05	No Relaxation

(Tested By)

KOMAL SINGH
 ANALYST


SUBODH SHEKHAWAT
 Dy. TECHNICAL MANAGER



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Branch Off: Plot No. 24 & 25, Narayan Vihar, Block-B, Jaipur - 302035 (Rajasthan)
ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample No.: VEL/PS/W/01

Report No: VEL/W/2011/02/002

S. No	Parameter	Test-Method	Result	Unit	Limits of IS:10500-2012	
					Requirement (Acceptable) Limit	Permissible limit in the Absence of Alternate Source
20.	Phenolic Compounds	APHA, 5530 C Chloroform Extraction Method	*BDL(**DL 0.001 mg/l)	mg/l	0.001	0.002
21.	#Mineral Oil	Clause 6 of IS:3025(Part 39)	*BDL(**DL 0.01mg/l)	mg/l	0.5	No Relaxation
22.	#Anionic Detergents as MBAS	APHA, 5540 C MBAS Method	*BDL(**DL 0.02 mg/l)	mg/l	0.2	1.0
23.	Zinc as Zn	APHA . 3111 B. Direct Air. Acetylene Flame Method	*BDL	mg/l	5	15
24.	Copper as Cu	APHA . 3111 B, Direct Air. Acetylene Flame Method	*BDL	mg/l	0.05	1.5
25.	Manganese as Mn	APHA , 3111 B, Direct Air, Acetylene Flame Method	*BDL(**DL 0.06 mg/l)	mg/l	0.1	0.3
26.	Cadmium as Cd	APHA . 3111 B, Direct Air, Acetylene Flame Method	*BDL(**DL 0.003 mg/l)	mg/l	0.003	No Relaxation
27.	Lead as Pb	APHA . 3111 B. Direct Air. Acetylene Flame Method	*BDL(**DL 0.01 mg/l)	mg/l	0.01	No Relaxation
28.	Selenium as Se	APHA . 3114 B. Manual Hydride Generation	*BDL(**DL 0.01 mg/l)	mg/l	0.01	No Relaxation
29.	Arsenic as As	APHA , 3114 B. Manual Hydride Generation	*BDL(**DL 0.01 mg/l)	mg/l	0.01	0.05
30.	Mercury as Hg	APHA , 3111 B, Direct Air, Acetylene Flame Method	*BDL (**DL 0.001 mg/l)	mg/l	0.001	No Relaxation
31.	Total Coliform	IS 15185:2002 (RA- 2016)	Absent	/100ml	Shall not be detectable in any 100 ml sample	
32.	E. Coli	IS 15185:2002 (RA- 2016)	Absent	/100ml	Shall not be detectable in any 100 ml sample	

Note: - *BDL-Below Detection Limit. **DL- Detection Limit
 #These parameter are not covered in our NABL scope.

(Tested By)
KOMAL SINGH
 ANALYST

(Checked By)
SUBODH SHEKHAWAT
 DY. TECHNICAL MANAGER



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Vardan EnviroLab

ANNEXURE 3

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
Branch Off: Plot No. 24 & 25, Narayan Vihar, Block-B, Jaipur - 302035 (Rajasthan)
ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number:	VEL/PS/ST/01	Report No.:	VEL/ST/2010/06/003
Name & Address of the Party:	M/s Palm Square, Villlage-Badshahpur, Sector-66 Gurgaon, Haryana.	Format No.:	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	09/10/2020
		Period of Analysis:	06/10/2020 – 09/10/2020
		Receipt Date:	06/10/2020

Sample Description: STACK EMISSION MONITORING

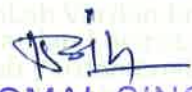
General Information:-

Sample collected by	: Vardan EnviroLab Representative
Date of Sampling	: 05/10/2020
Sampling Location	: DG Set Area
Sampling Duration (Minutes)	: 32.0
Stack Attached to	: DG Set No.1– 500 KVA
Diameter of stack	: 0.31 Mtr
Height of stack	: 67.0 Mtr
Metrological Condition	: Clear Sky
Control Measure	: No
Instrument Calibration Status	: Calibrated
Ambient Temperature-Ta (°C)	: 30.0
Temperature of Stack Gases-Ts (°C)	: 148.0
Velocity of Stack Gases (m/sec.)	: 7.46
Flow rate of PM (LPM)	: 19.0
Flow rate of Gas (LPM)	: 2.0
Sampling Condition	: Isokinetic
Protocol Used	: IS :11255

RESULTS

S. No.	Parameter	Protocol	Result	Unit	Limits (As Per CPCB)
1.	Particulate Matter (PM)	IS 11255 (P-1) Gravimetric Method RA:2003	0.16	gm/Kw-hr	≤0.2
2.	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2). Titrimetric Method. RA:2003	0.62	gm/Kw-hr	Not Specified
3.	Nitrogen Dioxide (as NO ₂)	IS 11255 (P-7) Colorimetric Method RA:2012	1.22	gm/Kw-hr	≤4 0
4.	Total Hydrocarbon as Methane	SOP, SP-194, Issue No.01:2018	0.41	gm/Kw-hr	
5.	Carbon Monoxide (as CO)	SOP, SP-74, Issue No.01:2018	0.95	gm/Kw-hr	≤3.5

* SOP-Laboratory Standard operating procedure.


KOMAL SINGH
 (Tested By)
 ANALYST


SUBODH SHEKHAWAT
 (Checked By)
 DY. TECHNICAL MANAGER


 (Approved By)

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Tel : 0124-4343750, 4343752, 4343753, 4343766 | lab@vardanenvironet.com | bd@vardanenvironet.com



Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
Branch Off: Plot No. 24 & 25, Narayan Vihar, Block-B, Jaipur - 302035 (Rajasthan)
ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number:	VEL/PS/ST/02	Report No.:	VEL/ST/2010/06/004
Name & address of the Project:	M/s Palm Square, Villlage-Badshahpur, Sector-66 Gurgaon, Haryana.	Format No.:	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	09/10/2020
		Period of Analysis:	06/10/2020 – 09/10/2020
		Receipt Date:	06/10/2020

Sample Description : Stack Emission Monitoring

General Information

Sampling Location	:	DG Set Area
Sample Collected by	:	Vardan EnviroLab Representative
Date of Sampling	:	05/10/2020
Sampling Duration (Minutes)	:	30
Stack attached to	:	DG Set No. – 2 (1010 KVA)
Make of stack	:	Metal
Diameter of stack (m)	:	0.31 Mtr
Height of stack (m)	:	67.0 Mtr
Instruments calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature – Ta (°C)	:	31.0
Temperature of stack Gases – Ts (°C)	:	171.0
Velocity of stack Gases (m/sec.)	:	9.10
Flow rate of PM (LPM)	:	24.0
Flow rate of Gas (LPM)	:	2.0
Sampling condition	:	Isokinetic
Protocol used	:	IS :11255 & EPA

RESULTS

S.No.	Parameters	Test Method	Results	Units	Limits as per CPCB
1.	PM (at 15 % O ₂ Correction)	IS:11255 (P-1), Gravimetric Method, RA:2003	46.30	mg/Nm ³	75.00
2.	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2), Titrimetric Method, RA:2003	24.00	mg/Nm ³	Not Specified
3.	NOX (at 15 % O ₂ Correction)	IS:11255 (P-7), Colorimetric Method, RA:2012	119.00	ppmv	710.0
4.	Carbon Monoxide (as CO) (at 15 % O ₂ Correction)	SOP, SP-74, Issue No.01: 2018	33.51	mg/Nm ³	150.0
5.	NMHC (at 15 % O ₂ Correction)	IS:5182 (P-21), Based on GC, RA:2012	7.95	mg/Nm ³	100.0

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ANALYST

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(Checked By)
DY. TECHNICAL MANAGER



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Test Report

Sample Number: VEL/PS/ST/03 **Report No.:** VEL/ST/2010/06/005
Name & address of the Project: M/s Palm Square, Villlage-Badshahpur, Sector-66 Gurgaon, Haryana. **Format No.:** 7.8 F-01
Party Reference No.: NIL
Reporting Date: 09/10/2020
Period of Analysis: 06/10/2020 – 09/10/2020
Receipt Date: 06/10/2020

Sample Description : Stack Emission Monitoring

General Information

Sampling Location : DG Set Area
Sample Collected by : Vardan EnviroLab Representative
Date of Sampling : 05/10/2020
Sampling Duration (Minutes) : 30
Stack attached to : DG Set No. – 3 (1010 KVA)
Make of stack : Metal
Diameter of stack (m) : 0.31 Mtr
Height of stack (m) : 67.0 Mtr
Instruments calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature – Ta (°C) : 31.0
Temperature of stack Gases – Ts (°C) : 182.00
Velocity of stack Gases (m/sec.) : 9.30
Flow rate of PM (LPM) : 25.0
Flow rate of Gas (LPM) : 2.0
Sampling condition : Isokinetic
Protocol used : IS :11255 & EPA

RESULTS

S.No.	Parameters	Test Method	Results	Units	Limits as per CPCB
1.	PM (at 15 % O ₂ Correction)	IS:11255 (P-1), Gravimetric Method, RA:2003	51.92	mg/Nm ³	75.00
2.	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2), Titrimetric Method, RA:2003	26.32	mg/Nm ³	Not Specified
3.	NOX (at 15 % O ₂ Correction)	IS:11255 (P-7), Colorimetric Method, RA:2012	137.00	ppmv	710.0
4.	Carbon Monoxide (as O ₂) (at 15 % O ₂ Correction)	SOP, SP-74, Issue No.01: 2018	35.61	mg/Nm ³	150.0
5.	NMHC (at 15 % O ₂ Correction)	IS:5182 (P-21), Based on GC, RA:2012	10.21	mg/Nm ³	100.0

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Test Report

Sample Number:	VEL/PS/ST/04	Report No.:	VEL/ST/2010/06/006
Name & Address of the Party:	M/s Palm Square, Villlage-Badshahpur, Sector-66 Gurgaon, Haryana.	Format No.:	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	09/10/2020
		Period of Analysis:	06/10/2020 – 09/10/2020
		Receipt Date:	06/10/2020

Sample Description: STACK EMISSION MONITORING

General Information:-

Sample collected by	: Vardan EnviroLab Representative
Date of Sampling	: 05/10/2020
Sampling Location	: DG Set Area
Sampling Duration (Minutes)	: 32.0
Stack Attached to	: DG Set No.4– 62.5 KVA
Diameter of stack	: 0.15 Mtr
Height of stack	: 12 Mtr
Metrological Condition	: Clear Sky
Control Measure	: No
Instrument Calibration Status	: Calibrated
Ambient Temperature-Ta (°C)	: 37.0
Temperature of Stack Gases-Ts (°C)	: 108.0
Velocity of Stack Gases (m/sec.)	: 7.38
Flow rate of PM (LPM)	: 18.0
Flow rate of Gas (LPM)	: 2.0
Sampling Condition	: Isokinetic
Protocol Used	: IS :11255

RESULTS

S. No.	Parameter	Protocol	Result	Unit	Limits (As Per CPCB)
1.	Particulate Matter (PM)	IS 11255 (P-1) Gravimetric Method RA:2003	0.078	gm/Kw-hr	<0.3
2.	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2). Titrimetric Method. RA:2003	0.24	gm/Kw-hr	Not Specified
3.	Nitrogen Dioxide (as NO ₂)	IS 11255 (P-7) Colorimetric Method RA:2012	1.05	gm/Kw-hr	<4.7
4.	Total Hydrocarbon as Methane	SOP. SP-194. Issue No.01:2018	0.32	gm/Kw-hr	
5.	Carbon Monoxide (as CO)	SOP. SP-74. Issue No.01:2018	0.84	gm/Kw-hr	<3.5

* SOP-Laboratory Standard operating procedure.


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Test Report

Sample Number:	VEL/PS/ST/05	Report No.:	VEL/ST/2010/06/007
Name & Address of the Party:	M/s Palm Square, Village-Badshahpur, Sector-66 Gurgaon, Haryana.	Format No.:	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	09/10/2020
		Period of Analysis:	06/10/2020 – 09/10/2020
		Receipt Date:	06/10/2020

Sample Description: STACK EMISSION MONITORING

General Information:-

Sample collected by	: Vardan EnviroLab Representative
Date of Sampling	: 05/10/2020
Sampling Location	: DG Set Area
Sampling Duration (Minutes)	: 32.0
Stack Attached to	: DG Set No.5– 180 KVA
Diameter of stack	: 0.15 Mtr
Height of stack	: 12 Mtr
Metrological Condition	: Clear Sky
Control Measure	: No
Instrument Calibration Status	: Calibrated
Ambient Temperature-Ta (°C)	: 37.0
Temperature of Stack Gases-Ts (°C)	: 140.0
Velocity of Stack Gases (m/sec.)	: 7.38
Flow rate of PM (LPM)	: 18.0
Flow rate of Gas (LPM)	: 2.0
Sampling Condition	: Isokinetic
Protocol Used	: IS :11255

RESULTS

S. No.	Parameter	Protocol	Result	Unit	Limits (As Per CPCB)
1.	Particulate Matter (PM)	IS 11255 (P-1) Gravimetric Method RA:2003	0.095	gm/Kw-hr	≤0.2
2.	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2), Titrimetric Method, RA:2003	0.35	gm/Kw-hr	Not Specified
3.	Nitrogen Dioxide (as NO ₂)	IS 11255 (P-7) Colorimetric Method RA:2012	1.24	gm/Kw-hr	≤4.0
4.	Total Hydrocarbon as Methane	SOP, SP-194, Issue No.01:2018	0.56	gm/Kw-hr	
5.	Carbon Monoxide (as CO)	SOP, SP-74, Issue No.01:2018	0.92	gm/Kw-hr	≤3.5

* SOP-Laboratory Standard operating procedure.

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Test Report

Sample Number: VEL/PS/PN/01
Name & Address of Party: M/s Palm Square, Villlage-Badshahpur, Sector-66 Gurgaon, Haryana.

Report No.: VEL/PN/2010/06/003
Format No.: 7.8 F-01
Party Reference No.: NIL

Reporting Date: 09/10/2020
Period of Analysis: 06/ 10/2020 to 09/10/2020
Receipt Date: 06/10/2020

Sample Description: DG NOISE MONITORING

General Information:-

Sample collected by : Vardan Enviro Lab Representative
Sampling Location : DG Set Room 3 Nos (500 KVA, 1010 KVA, 1010 KVA)
Instrument Used : Sound Level Meter
Instrument Code : VEL/SLM/02
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 05/10/2020
Scope of Monitoring : Regulatory Requirement
Control measure if Any : No any
Sampling & Analysis Protocol : IS 9989
Sampling Duration : 30 Min.
Parameter Required : As per Work Order

S. No.	Parameters	Test Method	Result dB(A)		
			Inside DG Room Result dB(A)	Outside of DG Room (0.5 Meter Distance) Result dB(A)	Insertion Loss
1.	L_{eq}	CPCB Guideline & Indian Standard:9989	97.3	71.6	25.7
2.	CPCB Limits in dB (A)	-	--	75.00	25.00

Remark:- All DG Set Installed in one Room.

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Test Report

Sample Number: VEL/PS/PN/02
Name & Address of Party: M/s Palm Square, Villlage-Badshahpur, Sector-66 Gurgaon, Haryana.

Report No.: VEL/PN/2010/06/004
Format No.: 7.8 F-01
Party Reference No.: NIL

Reporting Date: 09/10/2020
Period of Analysis: 06/ 10/2020 to 09/10/2020
Receipt Date: 06/10/2020

Sample Description: DG NOISE MONITORING

General Information:-

Sample collected by : Vardan Enviro Lab Representative
Sampling Location : DG Set (62.5 KVA)
Instrument Used : Sound Level Meter
Instrument Code : VEL/SLM/02
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 05/10/2020
Scope of Monitoring : Regulatory Requirement
Control measure if Any : No any
Sampling & Analysis Protocol : IS 9989
Sampling Duration : 30 Min.
Parameter Required : As per Work Order

S. No.	Parameters	Test Method	Result dB(A)		
			Open the canopy of DG Set Result dB(A)	Close the canopy of DG Set (1.0 Mtr.Distance)Result dB(A)	Insertion Loss
1.	L_{eq}	CPCB Guideline & Indian Standard:9989	91.5	66.3	25.2
2.	CPCB Limits in dB (\ast A)	-	--	75.00	25.00


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Test Report

Sample Number:	VEL/PS/PN/03	Report No.:	VEL/PN/2010/06/005
Name & Address of Party:	M/s Palm Square, Village-Badshahpur, Sector-66 Gurgaon, Haryana.	Format No.:	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	09/10/2020
		Period of Analysis:	06/10/2020 to 09/10/2020
		Receipt Date:	06/10/2020

Sample Description: DG NOISE MONITORING

General Information:-

Sample collected by	: Vardan Enviro Lab Representative
Sampling Location	: DG Set(180 KVA)
Instrument Used	: Sound Level Meter
Instrument Code	: VEL/SLM/02
Instrument Calibration Status	: Calibrated
Meteorological condition during monitoring	: Clear Sky
Date of Monitoring	: 05/10/2020
Scope of Monitoring	: Regulatory Requirement
Control measure if Any	: No any
Sampling & Analysis Protocol	: IS 9989
Sampling Duration	: 30 Min.
Parameter Required	: As per Work Order

S. No.	Parameters	Test Method	Result dB(A)		
			Open the canopy of DG Set Result dB(A)	Close the canopy of DG Set (1.0 Mtr.Distance)Result dB(A)	Insertion Loss
1.	L _{eq}	CPCB Guideline & Indian Standard:9989	92.6	67.3	25.3
2.	CPCB Limits in dB (°A)	-	--	75.00	25.00


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Test Report

Sample Number:	VEL/PS/A/01	Report No.:	VEL/A/2011/02/002
Name & Address of the Project:	M/s Palm Square, Village-Badshahpur, Sector-66 Gurgaon, Haryana.	Format No.:	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	06/11/2020
		Period of Analysis:	02/11/2020 to 06/11/2020
		Receipt Date:	02/11/2020


Sample Description: AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location	: Main Gate
Sample collected by	: Vardan Enviro Lab Representative
Sampling Equipment used	: RDS & FPS
Instrument Code	: VEL/RDS/01 FPS/01
Instrument Calibration Status	: Calibrated
Meteorological condition during monitoring	: Clear Sky
Date of Monitoring	: 31/10/2020 to 01/11/2020
Time of Monitoring	: 09:10 AM to 09:10 AM
Ambient Temperature (°C)	: Min. 20.0°C , Max. 27.0°C
Surrounding Activity	: Human & Vehicular Activities
Scope of Monitoring	: Regulatory Requirement
Sampling & Analysis Protocol	: IS : 5182
Sampling Duration	: 24 Hrs.
Parameter Required	: As per work order

S.No	Parameters	Test Method	Results	Units	Limit as per CPCB
1.	Particulate Matter (as PM – 10)	IS:5182 (P-23), Gravimetric Method, RA:2006	146.82	µg/m ³	100
2.	Particulate Matter (as PM – 2.5)	SOP No. VEL/SOP/01, Section No. SP 63:2013	105.32	µg/m ³	60
3.	Nitrogen Dioxide (as NO ₂)	IS: 5182 (P-6), Jacob & Hochheiser, RA:2006	34.32	µg/m ³	80
4.	Sulphur Dioxide (as SO ₂)	IS: 5182 (P-2), Modified West and Gaeke, RA:2012	19.52	µg/m ³	80
5.	Carbon Monoxide (as CO)	IS: 5182 (P-10), Gas Chromatography, RA:2003	0.76	µg/m ³	4.0
6.	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*BDL(**DL0.05 µg/m ³)	µg/m ³	1.0

*BDL- Below Detection Limit, **DL- Detection Limit


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Test Report

Sample Number: VEL/PS/AN/01 **Report No.:** VEL/AN/2011/02/002
Name & Address of Party: M/s Palm Square, Village-Badshahpur, Sector-66 Gurgaon, Haryana. **Format No.:** 7.8 F-01
Party Reference No.: NIL
Reporting Date: 06/11/2020
Period of Analysis: 02/11/2020 - 06/11/2020
Receipt Date: 02/11/2020

Sample Description : AMBIENT NOISE LEVEL MONITORING

General Information:-

Sample collected by : Vardan Enviro Lab Representative
Sampling Location : Near Main Gate
Instrument Used : Sound Level Meter
Instrument Code : VEL/SLM/01
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 31/10/2020 to 01/11/2020
Time of Monitoring : 06:00 AM to 06:00 AM
Ambient Temperature (°C) : Min. 21°C, Max. 30°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Control measure if any : No any
Sampling & Analysis Protocol : CPCB Guidelines & IS-9989
Sampling Duration : 24 Hours
Parameter Required : As per Client Requirement

S. No.	Parameters	Test Method	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	L _{max}	IS -9989	63.5	50.2	dB(A)
2.	L _{min}	IS- 9989	42.3	39.6	dB(A)
3.	L _{eq}	IS -9989	51.62	42.53	dB(A)
4.	CPCB Limits in dB(*A) Leq (Residential Area)	-	55.00	45.00	dB(A)

Note: * A "decibel" is a unit in which noise is measured.


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 BY: TECHNICAL MANAGER



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Test Report

Sample Number:	VEL/PS/WW/01	Report No.:	VEL/WW/2011/02/003
	M/s Palm Sqare, Villlage-	Format No.:	7.8 F-01
	Badshahpur, Sector-66 Gurgaon, Haryana.	Party Reference No.:	NIL
Name & Address of Party:		Reporting Date:	06/11/2020
		Period of Analysis:	2/11/2020 - 06/11/2020
		Receipt Date:	02/11/2020
Sample Description:	Waste Water Sample	Sampling Date:	31/10/2020
Sampling Location:	STP Plant (STP Inlet)	Preservation:	Refrigerated
Sample Collected by:	Vardan Enviro Lab Representative	Sampling Quantity:	2.0 Ltr
Sampling & Analysis Protocol:	IS & APHA		

S. No.	Parameter	Test-Method	Result	Unit
1.	pH (at 25 °C)	APHA 4500-H+ B Electrometric Method:2017	7.62	--
2.	Total Suspended Solid	APHA 2540 D Gravimetric Method	221.00	mg/l
3.	Oil & Grease	APHA 5520 B Partition Gravimetric Method:2017	12.30	mg/l
4.	BOD (3 Days at 27 °C)	APHA. 5210 CUltimate BOD Test:2017	146.00	mg/l
5.	COD	APIIA 5220 B Open Reflux Method:2017	483.00	mg/l
6.	Electrical Conductivity	APHA 2510 B Conductivity Meter Method:2017	742	µS/cm
7.	Total Coliform	APHA 23 rd Edition. Annex 9221	>1206	MPN/100ml
8.	E-coli	APHA 23 rd Edition. Annex 9221	185	MPN/100ml


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Test Report

Sample Number:	VEL/PS/WW/02	Report No.:	VEL/WW/2011/02/004
	M/s Palm Sqare, Village-	Format No.:	7.8 F-01
	Badshahpur, Sector-66 Gurgaon, Haryana.	Party Reference No.:	NIL
Name & Address of Party:		Reporting Date:	06/11/2020
		Period of Analysis:	2/11/2020 - 06/11/2020
Sample Description:	Waste Water Sample	Receipt Date	02/11/2020
Sampling Location:	STP Plant (STP Outlet)	Sampling Date:	31/10/2020
Sample Collected by:	Vardan Enviro Lab Representative	Preservation:	Refrigerated
Parameter Required:	As per Work Order	Sampling Quantity:	2.0 Ltr

S. No.	Parameter	Test – Method	Result	Unit	Standards for Discharge as per CPCB		
					In-Land Surface Water	Public Sewers	Land for Irrigation
1.	pH (at 25 °C)	APHA 4500-H+ B Electrometric Method:2017	7.34	--	5.5-9.0	5.5-9.0	5.5-9.0
2.	Total Suspended Solid	APHA 2540 D Gravimetric Method	48.00	mg/l	100	600	200
3.	Oil & Grease	APHA 5520 B Parttition Gravimetric Method:2017	2.10	mg/l	10.0	20.0	10.0
4.	BOD (3 Days at 27 °C)	APHA, 5210 CUltimate BOD Test:2017	26.00	mg/l	30.0	350.0	100.0
5.	COD	APHA 5220 B Open Reflux Method:2017	71.90	mg/l	250.0	--	--
6.	Conductivity	APHA 2510 B Conductivity Meter Method:2017	951.00	µS/cm	--	--	--
7.	Total Coliform	APHA 23 rd Edition, Annex 9221	1251	MPN/100 ml	--	--	--
8.	E-coli	APHA 23 rd Edition, Annex 9221	26	MPN/100 ml	--	--	--

(Tested By)
KOMAL SINGH
ANALYST

SUBODH SHEKHAWAT
(Checked By)
DY. TECHNICAL MANAGER

(Approved By)

NOTE: a) The results listed refer only to the tested samples & applicable parameters
b) Total liabilities of our lab will be restricted to the invoice amount only
c) The sample will be destroyed after retention time unless otherwise specified
d) This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law

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HARYANA STATE POLLUTION CONTROL BOARD

Gurgaon North Vikas Sadan, 1st Floor, Near DC Court, Gurgaon Ph.0124-2332775 Email:- hspcbrogrn@gmail.com E-mail: hspcb@hry.nic.in



No. HSPCB/Consent/ : 329962320GUNOCTO8178745

Dated:17/11/2020

To.

M/s :Group Housing Colony including Commercial
Village Badshahpur, Sector 66, Gurgaon

Subject: Grant of consent to operate to M/s Group Housing Colony including Commercial.

Please refer to your application no. 8178745 received on dated 2020-11-03 in regional office Gurgaon North. With reference to your above application for consent to operate, M/s Group Housing Colony including Commercial is here by granted consent as per following specification/Terms and conditions.

Consent Under	BOTH
Period of consent	01/10/2020 - 30/09/2021
Industry Type	Building and construction project having waste water generation more than 100 KLD
Category	RED
Investment(In Lakh)	91888.0
Total Land Area(Sq. meter)	167070.0
Total Builtup Area(Sq. meter)	456898.0
Quantity of effluent	
1. Trade	0.0 KL/Day
2. Domestic	1025.0 KL/Day
Number of outlets	1.0
Mode of discharge	
1. Domestic	gardening after treatment in STP and public sewer
2. Trade	-
Domestic Effluent Parameters	
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
4. pH range	5.5 9
5. O n G	10 mg/l
Trade Effluent Parameters	
1. BOD	0 mg/l
Number of stacks	8
Height of stack	

1. Stack attached to 1250 KVA	75 m
2. Stack attached to 1250 KVA dg set	75 m
3. Stack attached to 1250 KVA dg set	75 m
4. Stack attached to 500 KVA DG Set	75 m
5. Stack attached to 500 KVA DG Set	65 m
6. Stack attached to 750 KVA DG Set	75 m
7. Stack attached to 1010 KVA DG Set	65 m
8. Stack attached to 1010 KVA DG Set	65 m
Emission parameters	
1. SPM	150 mg/m ³
Product Details	
1. na	0 Metric Tonnes/day
Capacity of boiler	
1. na	0 Ton/hr
Type of Furnace	
1. na	0 na
2. na	0 na
Type of Fuel	
1. Diesel	3.32 KL/day
Raw Material Details	
na	0 Metric Tonnes/Day

*Regional Officer, Gurgaon North
Haryana State Pollution Control Board.*

Terms and conditions

1. The applicants shall maintain good house keeping both within factory and in the premises. All hose pipelines valves, storage tanks etc. shall be leak proof. In plant allowable pollutants levels, if specified by State Board should be met strictly.
2. The applicant/company shall comply with and carry out directive/orders issued by the Board in this consent order at all subsequent times without negligence of his /its part. The applicant/company shall be liable for such legal action against him as per provision of the law/act in case of violation of any order/directives. Issued at any time and or non compliance of the terms and conditions of his consent order.
3. The applicant shall make an application for grant of consent at least 90 days before the date of expiry of this consent.
4. Necessary fee as prescribed for obtaining renewal consent shall be paid by the applicant alongwith the consent application.

5. If due to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred to above required variation (including the change of any control equipment either in whole or in part) this Board shall after giving the applicant an opportunity of being heard vary all or such condition and there upon the applicant shall be bound to comply with the conditions so varied.
6. The industry shall provide adequate arrangement for fighting the accidental leakages, discharge of any pollutants gas/liquids from the vessels, mechanical equipment etc. which are likely to cause environment pollution.
7. The industry shall comply noise pollution (Regulation and control) Rules, 2000.
8. The industry shall comply all the direction/Rules/Instructions as may be issued by the MOEF/CPCB/HSPCB from time to time.
9. The industry shall ensure that various characteristics of the effluents remain within the tolerance limits as specified in EPA Standard and as amended from time to time and at no time the concentration of any characteristics should exceed these limits for discharge.
10. The industry would immediately submit the revised application to the Board in the event of any change in the raw material in process, mode of treatment/discharge of effluent. In case of change of process at any stage during the consent period, the industry shall submit fresh consent application alongwith the consent to operate fee, if found due, which may be on any account and that shall be paid by the industry and the industry would immediately submit the consent application to the Board in the event of any change during the year in the raw material, quantity, quality of the effluent, mode of discharge, treatment facilities etc.
11. The officer/official of the Board shall reserve the right to access for the inspection of the industry in connection with the various process and the treatment facilities. The consent to operate is subject to review by the Board at any time.
12. Permissible limits for any pollutants mentioned in the consent to operate order should not exceed the concentration permitted in the effluent by the Board.
13. The industry shall pay the balance fee, in case it is found due from the industry at any time later on.
14. If the industry fails to adhere to any of the conditions of this consent to operate order, the consent to operate so granted shall automatically lapse.
15. If the industry is closed temporarily at its own, they shall inform the Board and obtain permission before restart of the unit.
16. The industry shall comply all the Directions/ Rules/Instructions issued from time to time by the Board.

Specific Conditions :

1. The unit will run and maintain it's STPs regularly and properly, will provide separate energy meter on their STP and maintain the Log Book for energy consumption of STP and chemicals used daily for the STPs.
2. That the unit shall keep all the parameters within the prescribed limits and shall comply with all the Norms and Rules as prescribed in the Air/Water/EP Act
3. That the unit will adopt cleaner technology thereby reducing pollution load.
4. That the unit will provide interlocking arrangement of DG set with STPs and shall have separate D.G. set to ensure regular and effective running of pollution control devices.
5. That the unit will not discharge any untreated effluent inside and outside its premises.
6. Unit will provide separate flow meter at Inlet/ Outlet of STP for which separate log book will be maintained if required.
7. That the unit will not add any air polluting process/ machinery and also not to add any

process which increases the water pollution load. 8. That the unit will comply with all the provisions of Hazardous Waste Rules and submit return under HWM Rules on yearly basis. 9. That the CTO so granted shall become invalid in case of violation of any of the above / any law of the land. 10. Unit will submit analysis report from recognized laboratory under air /water act every year as applicable. 11. Unit will apply for consent to operate for further period 90 days before expiry of this consent otherwise penalty will be imposed as per policy. 12. Unit will submit copy of authorization under HWM rules issued by the board within 30 days. 15. Unit will take prior permission from CGWA before extracting groundwater. 16. Unit will ensure that rain water does not get mixed with domestic effluent. 17. Unit will install Emission control measures on DG set of capacity more than 500 KVA having minimum specified PM capturing efficiency of atleast 70% approved by CPCB recognized labs or shift to gas based generator in compliance of HSPCB office order no. 4230-44 dated 25.06.2020.18) the CTO so granted is subject to outcome of Pending Appeal No. 65 of 2020 M/s Plam Drive Condominum Association vs HSPCB.

KULDEEP SINGH Digitally signed by KULDEEP SINGH
Date: 2020.11.17 17:25:47 +05'30'

***Regional Officer, Gurgaon North
Haryana State Pollution Control Board.***

