

# ACTIVE PROMOTERS PRIVATE LIMITED

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

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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 I.T. Park “Digital Greens” at Village Ghatta, Sector- 61, Gurgaon, Haryana by M/s. Active Promoters Pvt. Ltd. & Others. – Submission of Six-monthly Compliance report – December 2020**

**Ref:** Environmental Clearance Letter No. SEIAA(124)/HR/2020/411, dated 15.09.2020

Dear Sir,

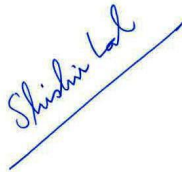
With reference to the above-mentioned subject, we would like to state that construction has not yet started at the site.

We will submit compliance report with start of construction. The environmental monitoring report is enclosed for ready reference.

Thanks and Regards,

Yours faithfully,

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



**Authorized Signatory**

**Encl: As above.**

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



# 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/DG/A/01  
**Name & Address of the Project:** M/s Digital Green,  
Village - Ghata, Sector-61, Gurugram, Haryana.

**Report No.:** VEL/A/2011/21/001  
**Format No.:** 7.8 F-01  
**Party Reference No.:** NIL  
**Reporting Date:** 26/11/2020  
**Period of Analysis:** 21/11/2020 to 26/11/2020  
**Receipt Date:** 21/11/2020

**Sample Description:** AMBIENT AIR QUALITY MONITORING

**General Information:-**

**Sample collected by:** Vardan Enviro Lab Representative  
**Sampling Location:** Near Tower - A  
**Sampling Equipment used:** RDS & FPS  
**Instrument Code:** VEL/RDS/02 FPS/02  
**Instrument Calibration Status:** Calibrated  
**Meteorological condition during monitoring:** Clear Sky  
**Date of Monitoring:** 20/11/2020 to 21/11/2020  
**Time of Monitoring:** 09:10 AM to 09:10 AM  
**Ambient Temperature (°C):** Min. 16.0°C . Max. 26.0°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	168.14	µg/m <sup>3</sup>	100
2.	Particulate Matter (as PM – 2.5)	SOP No. VEL/SOP/01, Section No. SP 63:2013	105.33	µg/m <sup>3</sup>	60
3.	Nitrogen Dioxide (as NO <sub>2</sub> )	IS: 5182 (P-6), Jacob & Hochheiser, RA:2006	30.98	µg/m <sup>3</sup>	80
4.	Sulphur Dioxide (as SO <sub>2</sub> )	IS: 5182 (P-2), Modified West and Gaeke, RA:2012	17.21	µg/m <sup>3</sup>	80
5.	Carbon Monoxide (as CO)	IS: 5182 (P-10), Gas Chromatography, RA:2003	0.96	µg/m <sup>3</sup>	4.0
6.	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*BDL(**DL0.05 µg/m <sup>3</sup> )	µg/m <sup>3</sup>	1.0

Note :-\*BDL- Below Detection Limit, \*\*DL- Detection Limit

(Tested By)  
**KOMAL SINGH**  
ANALYST

(Checked By)  
**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


<b>Sample Number:</b>	VEL/DG/AN/01	<b>Report No.:</b>	VEL/AN/2011/21/001
<b>Name &amp; Address of Party:</b>	M/s Digital Green, Village - Ghata, Sector-61, Gurugram, Haryana.	<b>Format No.:</b>	7.8 F-01
		<b>Party Reference No.:</b>	NIL
		<b>Reporting Date:</b>	26/11/2020
		<b>Period of Analysis:</b>	21/11/2020 - 26/11/2020
<b>Sample Description :</b>	AMBIENT NOISE LEVEL MONITORING	<b>Receipt Date:</b>	21/11/2020

### General Information:-

<b>Sample collected by</b>	: Vardan Enviro Lab Representative
<b>Sampling Location</b>	: Near Tower - A
<b>Instrument Used</b>	: Sound Level Meter
<b>Instrument Code</b>	: VEL/SLM/02
<b>Instrument Calibration Status</b>	: Calibrated
<b>Meteorological condition during monitoring</b>	: Clear Sky
<b>Date of Monitoring</b>	: 20/11/2020 to 21/11/2020
<b>Time of Monitoring</b>	: 06:00 AM to 06:00 AM
<b>Ambient Temperature (°C)</b>	: Min. 16°C, Max. 26°C
<b>Surrounding Activity</b>	: Human & Vehicular Activities
<b>Scope of Monitoring</b>	: Regulatory Requirement
<b>Control measure if Any</b>	: No any
<b>Sampling &amp; Analysis Protocol</b>	: CPCB Guidelines & IS-9989
<b>Sampling Duration</b>	: 24 Hours
<b>Parameter Required</b>	: 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 <sub>max</sub>	IS -9989	63.5	48.6	dB(A)
2.	L <sub>min</sub>	IS- 9989	40.3	33.7	dB(A)
3.	Leq	IS -9989	52.50	41.62	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.

  
**KOMAL SINGH**  
ANALYST

  
(Checked By)  
**DI. 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/DG/ST/01 **Report No.:** VEL/ST/2009/17/001  
**Name & address of the Project:** M/s Digital Green,  
Village - Ghata, Sector-61,  
Gurugram, Haryana. **Format No.:** 7.8 F-01  
**Party Reference No.:** NIL  
**Reporting Date:** 22/09/2020  
**Period of Analysis:** 17/09/2020 – 22/09/2020  
**Receipt Date:** 17/09/2020

### Sample Description : Stack Emission Monitoring

#### General Information

**Sampling Location :** DG Set Area  
**Sample Collected by :** Vardan EnviroLab Representative  
**Date of Sampling :** 17/09/2020  
**Sampling Duration (Minutes) :** 30.0  
**Stack attached to :** DG Set No. 1 (2200 KVA)  
**Make of stack :** Metal  
**Diameter of stack (m) :** 0.30 Mtr.  
**Height of stack (m) :** 70 Mtr.  
**Instruments calibration status :** Calibrated  
**Meteorological Condition :** Clear Sky  
**Ambient Temperature – Ta (°C) :** 26.0  
**Temperature of stack Gases – Ts (°C) :** 224.0  
**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 <sub>2</sub> Correction)	IS:11255 (P-1), Gravimetric Method, RA:2003	48.11	mg/Nm <sup>3</sup>	75.00
2.	Sulphur Dioxide (as SO <sub>2</sub> )	IS:11255 (P-2), Titrimetric Method, RA:2003	26.78	mg/Nm <sup>3</sup>	Not Specified
3.	NOX (at 15 % O <sub>2</sub> Correction)	IS:11255 (P-7), Colorimetric Method, RA:2012	205.32	ppmv	710.0
4.	Carbon Monoxide (as O <sub>2</sub> ) (at 15 % O <sub>2</sub> Correction)	SOP, SP-74, Issue No.01: 2018	74.32	mg/Nm <sup>3</sup>	150.0
5.	NMHC (at 15 % O <sub>2</sub> Correction)	IS:5182 (P-21), Based on GC, RA:2012	20.29	mg/Nm <sup>3</sup>	100.0

**KOMAL SINGH**  
ANALYST

**SURESH SHEKHAR**  
DR. TECHNICAL MANAGER  
(Checked By)



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# Vardan EnviroLab

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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 Number:	VEL/DG/ST/02	Report No.:	VEL/ST/2009/17/002
Name & address of the Project:	M/s Digital Green, Village - Ghata, Sector-61, Gurugram, Haryana.	Format No.:	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	22/09/2020
		Period of Analysis:	17/09/2020 -- 22/09/2020
		Receipt Date:	17/09/2020


Sample Description : Stack Emission Monitoring

### General Information

Sampling Location	:	DG Set Area
Sample Collected by	:	Vardan EnviroLab Representative
Date of Sampling	:	17/09/2020
Sampling Duration (Minutes)	:	32.0
Stack attached to	:	DG Set No. - 2 (1010 KVA)
Make of stack	:	Metal
Diameter of stack (m)	:	0.30 Mtr
Height of stack (m)	:	70 Mtr
Instruments calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	26.0
Temperature of stack Gases - Ts (°C)	:	231.00
Velocity of stack Gases (m/sec.)	:	8.41
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 <sub>2</sub> Correction)	IS:11255 (P-1), Gravimetric Method, RA:2003	49.52	mg/Nm <sup>3</sup>	75.00
2.	Sulphur Dioxide (as SO <sub>2</sub> )	IS:11255 (P-2), Titrimetric Method, RA:2003	27.80	mg/Nm <sup>3</sup>	Not Specified
3.	NOX (at 15 % O <sub>2</sub> Correction)	IS:11255 (P-7), Colorimetric Method, RA:2012	213.71	ppmv	710.0
4.	Carbon Monoxide (as O <sub>2</sub> ) (at 15 % O <sub>2</sub> Correction)	SOP, SP-74, Issue No.01: 2018	72.66	mg/Nm <sup>3</sup>	150.0
5.	NMHC (at 15 % O <sub>2</sub> Correction)	IS:5182 (P-21), Based on GC, RA:2012	21.50	mg/Nm <sup>3</sup>	100.0

  
(Tested By)  
**KOMAL SINGH**  
ANALYST

  
(Checked By) - **D.Y. 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

<b>Sample Number:</b>	<b>VEL/DG/ST/03</b>	<b>Report No.:</b>	<b>VEL/ST/2009/17/003</b>
<b>Name &amp; address of the Project:</b>	<b>M/s Digital Green, Village - Ghata, Sector-61, Gurugram, Haryana.</b>	<b>Format No.:</b>	<b>7.8 F-01</b>
		<b>Party Reference No.:</b>	<b>NIL</b>
		<b>Reporting Date:</b>	<b>22/09/2020</b>
		<b>Period of Analysis:</b>	<b>17/09/2020 – 22/09/2020</b>
		<b>Receipt Date:</b>	<b>17/09/2020</b>

**Sample Description :** Stack Emission Monitoring

### General Information

<b>Sampling Location</b>	:	<b>DG Set Area</b>
<b>Sample Collected by</b>	:	<b>Vardan EnviroLab Representative</b>
<b>Date of Sampling</b>	:	<b>17/09/2020</b>
<b>Sampling Duration (Minutes)</b>	:	<b>34.0</b>
<b>Stack attached to</b>	:	<b>DG Set No. - 3 (2080 KVA)</b>
<b>Make of stack</b>	:	<b>Metal</b>
<b>Diameter of stack (m)</b>	:	<b>0.30 Mtr</b>
<b>Height of stack (m)</b>	:	<b>70 Mtr</b>
<b>Instruments calibration status</b>	:	<b>Calibrated</b>
<b>Meteorological Condition</b>	:	<b>Clear Sky</b>
<b>Ambient Temperature – Ta (°C)</b>	:	<b>26.0</b>
<b>Temperature of stack Gases – Ts (°C)</b>	:	<b>206.0</b>
<b>Velocity of stack Gases (m/sec.)</b>	:	<b>8.21</b>
<b>Flow rate of PM (LPM)</b>	:	<b>24.0</b>
<b>Flow rate of Gas (LPM)</b>	:	<b>2.0</b>
<b>Sampling condition</b>	:	<b>Isokinetic</b>
<b>Protocol used</b>	:	<b>IS :11255 &amp; EPA</b>

## RESULTS

S.No.	Parameters	Test Method	Results	Units	Limits as per CPCB
1.	PM (at 15 % O <sub>2</sub> Correction)	IS:11255 (P-1), Gravimetric Method, RA:2003	43.21	mg/Nm <sup>3</sup>	75.00
2.	Sulphur Dioxide (as SO <sub>2</sub> )	IS:11255 (P-2), Titrimetric Method, RA:2003	23.16	mg/Nm <sup>3</sup>	Not Specified
3.	NOX (at 15 % O <sub>2</sub> Correction)	IS:11255 (P-7), Colorimetric Method, RA:2012	191.41	ppmv	710.0
4.	Carbon Monoxide (as O <sub>2</sub> ) (at 15 % O <sub>2</sub> Correction)	SOP, SP-74, Issue No.01: 2018	57.11	mg/Nm <sup>3</sup>	150.0
5.	NMHC (at 15 % O <sub>2</sub> Correction)	IS:5182 (P-21), Based on GC, RA:2012	18.66	mg/Nm <sup>3</sup>	100.0

**KOMAL SINGH**  
(Tested By)

**Dr. Shiv Singh**  
(Checked By) MANAGER



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# Vardan EnviroLab

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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 Number:	VEL/DG/ST/04	Report No.:	VEL/ST/2009/17/004
Name & address of the Project:	M/s Digital Green, Village - Ghata, Sector-61, Gurugram, Haryana.	Format No.:	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	22/09/2020
		Period of Analysis:	17/09/2020 -- 22/09/2020
		Receipt Date:	17/09/2020

Sample Description : Stack Emission Monitoring

### General Information

Sampling Location	:	DG Set Area
Sample Collected by	:	Vardan EnviroLab Representative
Date of Sampling	:	17/09/2020
Sampling Duration (Minutes)	:	35.0
Stack attached to	:	DG Set No. - 4 (2080 KVA)
Make of stack	:	Metal
Diameter of stack (m)	:	0.30 Mtr
Height of stack (m)	:	70 Mtr
Instruments calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature – Ta (°C)	:	26.0
Temperature of stack Gases – Ts (°C)	:	263.0
Velocity of stack Gases (m/sec.)	:	8.82
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 <sub>2</sub> Correction)	IS:11255 (P-1), Gravimetric Method, RA:2003	53.44	mg/Nm <sup>3</sup>	75.00
2.	Sulphur Dioxide (as SO <sub>2</sub> )	IS:11255 (P-2), Titrimetric Method, RA:2003	31.05	mg/Nm <sup>3</sup>	Not Specified
3.	NOX (at 15 % O <sub>2</sub> Correction)	IS:11255 (P-7), Colorimetric Method, RA:2012	237.86	ppmv	710.0
4.	Carbon Monoxide (as O <sub>2</sub> ) (at 15 % O <sub>2</sub> Correction)	SOP, SP-74, Issue No.01: 2018	63.80	mg/Nm <sup>3</sup>	150.0
5.	NMHC (at 15 % O <sub>2</sub> Correction)	IS:5182 (P-21), Based on GC, RA:2012	23.46	mg/Nm <sup>3</sup>	100.0

**KOMAL SINGH**  
(TESTED BY)  
ANALYST

**SUBODH SINGHAWAT**  
DEPUTY GENERAL MANAGER



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# Vardan EnviroLab

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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

<b>Sample Number:</b>	VEL/DG/PN/01	<b>Report No.:</b>	VEL/PN/2009/17/001
<b>Name &amp; Address of Party:</b>	M/s Digital Green, Village - Ghata, Sector-61, Gurugram,Haryana.	<b>Format No.:</b>	7.8 F-01
		<b>Party Reference No.:</b>	NIL
		<b>Reporting Date:</b>	22/09/2020
		<b>Period of Analysis:</b>	17/09/2020 to 22/09/2020
		<b>Receipt Date:</b>	17/09/2020

**Sample Description :** DG SET NOISE MONITORING

### General Information:-

<b>Sample Collected by</b>	: Vardan Enviro Lab Representative
<b>Sampling Location</b>	: D.G. Room (1 Nos. 2200 KVA, 1 Nos. 1010 KVA, 2 Nos. 2080 KVA)
<b>Instrument Used</b>	: Sound Level Meter
<b>Instrument Code</b>	: VEL/SLM/03
<b>Instrument Calibration Status</b>	: Calibrated
<b>Meteorological condition during monitoring</b>	: Clear Sky
<b>Date of Monitoring</b>	: 17/09/2020
<b>Sampling Duration</b>	: 30 Minutes
<b>Scope of Monitoring</b>	: Regulatory Requirement
<b>Control measure if Any</b>	: No any
<b>Sampling &amp; Analysis Protocol</b>	: CPCB Guidelines & IS-9989
<b>Parameter Required</b>	: As per Client Requirement

## TEST RESULT

S. No.	Parameters	Protocol	Inside D.G Room Result dB(A)	Outside of D.G Room (0.5 mtr Distance) Result dB(A)	Insertion Loss
1.	$L_{eq}$	CPCB Guidelines & Indian Standard:9989	99.7	73.9	25.8
2.	CPCB Limit in Leq dB(A)			75.00	25.00

**KOMAL SINGH**  
ANALYST

**SURESH SINGH RAJAWAT**  
(Checked By)  
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/DG/S/01  
**Name & Address of Party:** M/s Digital Green,  
 Village - Ghata, Sector-61,  
 Gurugram, Haryana.

**Report No.:** VEL/S/2011/21/001  
**Format No.:** 7.8 F-01  
**Party Reference No.:** NIL  
**Reporting Date:** 26/11/2020  
**Period of Analysis:** 21/11/2020 - 26/11/2020

**Sample Description:** Soil Sample  
**Sampling Location:** Near Main Gate  
**Packing Status:** Temp Sealed  
**Sampling & Analysis Protocol:** IS 2720 & USDA

**Receipt Date :** 21/11/2020  
**Sampling Date:** 20/11/2020  
**Type of Sampling:** Composite  
**Sampling Quantity:** 2.0 Kg

S. No.	Parameter	Test-Method	Result	Unit
1.	pH (at 25 °C)	IS : 2720 (P-26) by pH Meter	7.55	--
2.	Conductivity	IS:14767 by Conductivity meter	0.412	mS/cm
3.	Soil Texture	IS : 2720 (P-22, RA2003)	Silty	--
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	40.36	%
6.	Bulk density	*SOP , SP-80.Issue No.-01& Issue Date-14/02/2013	1.62	gm/cc
7.	Chloride as Cl	*SOP , SP-85.Issue No.-01& Issue Date-14/02/2013	86.31	mg/100g
8.	Calcium as Ca	*SOP , SP-82.Issue No.-01& Issue Date-14/02/2013	70.11	mg/100g
9.	Sodium as Na	*SOP , SP-84.Issue No.-01& Issue Date-14/02/2013	49.87	mg/kg
10.	Potassium as K	*SOP , SP-84.Issue No.-01& Issue Date-14/02/2013	52.33	kg/hect.
11.	Organic Matter	IS:2720 (P-22) Titrimetric Method	0.59	%
12.	Magnesium as Mg	*SOP , SP-83.Issue No.-01& Issue Date-14/02/2013	29.38	mg/100g
13.	Available Nitrogen as N	IS:14684 Distillation Method	289.00	kg./hect.
14.	Available Phosphorus	*SOP , SP-86.Issue No.-01& Issue Date-14/02/2013	7.51	kg./hect.
15.	Zinc (as Zn)	USEPA 3050B	16.32	mg/kg
16.	Manganese (as Mn )	USEPA 3050B	1.81	mg/kg
17.	Lead (as Pb)	USEPA 3050B	1.10	mg/kg
18.	Cadmium (as Cd )	USEPA 3050B	2.21	mg/kg
19.	Chromium (as Cr)	USEPA 3050B	2.45	mg/kg
20.	Copper (as Cu )	USEPA 3050B	3.92	mg/kg

\* SOP- Laboratory standard operating procedure.

**KOMAL SINGH**  
 ANALYST  
 (Tested By)

**S. Sabool**  
 (Checked By)  
 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/DG/W/01  
**Name & Address of Project:** M/s Digital Green,  
 Village - Ghata, Sector-61,  
 Gurugram, Haryana.

**Report No.:** VEL/W/2011/21/001  
**Format No.:** 7.8 F-01  
**Party Reference No.:** NIL  
**Reporting Date:** 26/11/2020  
**Period of Analysis:** 21/11/2020 to 26/11/2020  
**Receipt Date:** 21/11/2020  
**Sampling Date:** 20/11/2020  
**Type of Sampling:** Grab  
**Sampling Quantity:** 2.0 Ltr.  
**Preservation:** Refrigerated

**Sample Description:** Drinking Water Sample (RO)  
**Sampling Location:** Office Area  
**Sample Collected by:** Vardan Enviro Lab Team  
**Sampling & Analysis Protocol:** IS & APHA

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 <sup>+</sup> B Electrometric Method	7.31	--	6.5 to 8.5	No Relaxation
2.	Colour	APHA .2120 B. Visual Comparison Method	*BDL (**DL 5Hazen)	Hazen	5	15
3.	Turbidity	APHA. 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 <sub>3</sub>	APHA . 2340 C. EDTA Titrimetric Method	53.00	mg/l	200	600
7.	Calcium as Ca	APHA. 3500 Ca B. EDTA Titrimetric Method	11.64	mg/l	75	200
8.	Alkalinity as CaCO <sub>3</sub>	APHA . 2320 B. Titrimetric Method	38.44	mg/l	200	600
9.	Chloride as Cl	APHA. 4500-Cl <sup>-</sup> B. Argentometric Method	19.20	mg/l	250	1000
10.	#Cyanide as CN	APHA . 4500 CN <sup>-</sup> D	*BDL(**DL 0.05 mg/l)	mg/l	0.05	No Relaxation
11.	Magnesium as Mg	APHA . 3500 Mg B. Calculation Method	5.82	mg/l	30	100
12.	Total Dissolved Solids	APHA . 2540 C. Gravimetric Method	121.00	mg/l	500	2000
13.	Sulphate as SO <sub>4</sub>	APHA . 4500 E. Turbidimetric Method	1.76	mg/l	200	400
14.	Fluoride as F	APHA . 4500-F <sup>-</sup> D. SPADNS Method	0.19	mg/l	1.0	1.5
15.	Nitrate as NO <sub>3</sub>	IS 3025 (P-34) .Chromotropic Method	0.88	mg/l	45	No Relaxation
16.	Iron as Fe	APHA . 3500-Fe B 1.10 Phenanthroline Method	0.10	mg/l	0.3	No relaxation
17.	Aluminium as Al	APHA . 3111 B	*BDL(**DL 0.03 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

**ANALYST**  
 (Tested By)  
**ANALYST**

**MANAGER**  
 (Checked By)  
**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 No.: VEL/DG/W/01

Report No: VEL/W/2011/21/001

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.

  
**ROMAL SINGH**  
ANALYST

  
**SUBODH SHEKHAWAT**  
(Checked By)  
DT. TECHNICAL MANAGER



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