



ENVIRO-TECH SERVICES

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



TEST REPORT

TEST REPORT NO.: ETS/1210-11/11/2022

DATE OF REPORT: 18.11.2022

AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : ARANYA PNB RESIDENCY" LOCATED AT PLOT NO.- 1803, 1804, 1819, 1820, 1818, 1815, 1816, 1822, 1823, 1824, 1825 & 1832, KHATA NO.- 436, 411, 419, 414, 385, 453, 387, 481, 403 & 444 AT MAUZA- GODHNA, NEAR NEORAGANJ, DANAPUR, THANA- BIHTA, PATNA

Date of Monitoring : 14.11.2022

Analysis Start Date : 16.11.2022

Analysis End Date : 18.11.2022

Duration Of Monitoring : 14.11.2022 To 15.11.2022

Time Of Monitoring : 10:10 AM To 10:18 AM (CO for 1.0 Hrs.)

Sample ID No : 1210-11

Sampling Done By : ETS STAFF

Sampling Location : PROJECT SITE

Sampling Method : ETS/STP/AIR-01

Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL

Weather Condition : CLEAR Ambient Temperature: 24.0 °C

Wind Direction : E To W

Equipment Used : Respirable Dust Sampler (PM₁₀) + Fine Particulate Sampler (PM_{2.5})

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM ₁₀)	µg/m ³	130.7	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	74.5	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	18.7	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	34.5	For 24 Hrs.=80	IS: 5182 (Part-6)
5	Carbon Monoxide,(CO)	mg/m ³	0.96	For 8 Hrs.=2 / For 1 Hrs.=4	IS 5182 (Part-10)

*****End of Test Report*****

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SHRADDHA GUPTA

For Enviro-Tech Services

[Signature]

AUTHORIZED SIGNATORY
Lab in-charge

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
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5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
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ISO 9001/14001/45001

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TEST REPORT

TEST REPORT NO.: ETS/1210-12/11/2022

DATE OF REPORT: 18.11.2022

NOISE MONITORING REPORT

Name And Address of Customer : ARANYA PNB RESIDENCY" LOCATED AT PLOT NO.- 1803, 1804, 1819, 1820, 1818, 1815, 1816, 1822, 1823, 1824, 1825 & 1832, KHATA NO.- 436, 411, 419, 414, 385, 453, 387, 481, 403 & 444 AT MAUZA- GODHNA, NEAR NEORAGANJ, DANAPUR, THANA- BIHTA, PATNA

Date of Monitoring : 14.11.2022

Monitoring Start Date : 14.11.2022

Monitoring End Date : 15.11.2022

Duration Of Monitoring : 24 HOURS

Sample ID No : 1210-12

Monitoring Done By : ETS STAFF

Sampling Location : PROJECT SITE

Sampling Method : ETS/STP/NOISE-01

Category Of Area : RESIDENTIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	47.3	55	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	36.5	45	IS: 9989

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M.
Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****

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SHRADDHA GUPTA

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For Enviro-Tech Services
Pushkar Mittal
Lab In-charge
AUTHORIZED SIGNATORY

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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TEST REPORT

TEST REPORT NO.: ETS/1210-13/11/2022

DATE OF REPORT: 18.11.2022

SOIL SAMPLE ANALYSIS REPORT

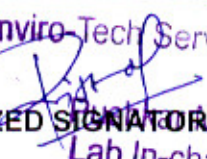
Name And Address of Customer : ARANYA PNB RESIDENCY" LOCATED AT PLOT NO.- 1803, 1804, 1819, 1820, 1818, 1815, 1816, 1822, 1823, 1824, 1825 & 1832, KHATA NO.- 436, 411, 419, 414, 385, 453, 387, 481, 403 & 444 AT MAUZA-GODHNA, NEAR NEORAGANJ, DANAPUR, THANA- BIHTA, PATNA.

Date of Sampling : 14.11.2022
Analysis Start Date : 16.11.2022
Analysis End Date : 18.11.2022
Sample ID No : 1210-13
Sampling Done By : ETS STAFF
Sample Description : SOIL
Sampling Location : NEAR PROJECT SITE
Sampling Method : ETS/STP/SOIL-01
Sample Quantity : 2.0 Kg.
Packing Condition : SEALED
Packed In : POLY BAG

S. No.	Test Parameter	Unit	Result	Test Method
1	Texture	...	SANDY CLAY LOAM	IS 2720 (Part-4)
2	Sand	%	68.4	IS 2720 (Part-4)
3	Silt	%	21.4	IS 2720 (Part-4)
4	Clay	%	10.2	IS 2720 (Part-4)
5	pH	...	7.46	IS 2720 (Part-26)
6	Electrical Conductivity (EC)	µs/cm	346.0	IS 14767
7	Water Holding Capacity (WHC)	%	34.6	IS 2720 (Part-2)
8	Cat ion Exchange Capacity (CEC)	meq/100g	31.0	IS 2720 (Part-24)
9	Magnesium, (Mg)	mg/kg	528.0	ETS/STP/SOIL-08
10	Phosphorus (PO ₄)	mg/kg	54.0	ETS/STP/SOIL-19
11	Sodium, (Na)	mg/kg	140.5	APHA-3125B
12	Potassium (K)	mg/kg	194.0	APHA-3125B
13	Calcium, (Ca)	mg/kg	937.5	APHA-3125B
14	Magnesium, (Mg)	mg/kg	308.7	ETS/STP/SOIL-08
15	Total Nitrogen (N)	mg/kg	118.0	IS 10158: 1982

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Format No ETS/LAB/TR-12, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

For Enviro-Tech Services

 AUTHORIZED SIGNATORY
 Lab In-charge

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TEST REPORT

TEST REPORT NO.: ETS/1210-14/11/2022

DATE OF REPORT:

18.11.2022

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : ARANYA PNB RESIDENCY" LOCATED AT PLOT NO.- 1803, 1804, 1819, 1820, 1818, 1815, 1816, 1822, 1823, 1824, 1825 & 1832, KHATA NO.-436, 411, 419, 414, 385, 453, 387, 481, 403 & 444 AT MAUZA-GODHNA, NEAR NEORAGANJ, DANAPUR, THANA- BIHTA, PATNA

Date of Sampling : 14.11.2022
Analysis Start Date : 16.11.2022
Analysis End Date : 18.11.2022
Sample ID No : 1210-14
Sampling Done By : ETS STAFF
Sample Description : GROUND WATER
Sampling Location : NEAR PROJECT SITE
Sampling Method : ETS/STP/WATER-02
Sample Quantity : 2.0 + 0.5 Ltr.
Packing Condition : SEALED
Packed In : P.V.C. AND GLASS BOTTLE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012)		Test Method
				Desirable	Permissible	
PHYSICAL & CHEMICAL PARAMETERS;						
1	Colour	Hazen	<5.0	5	15	APHA 2120-B
2	Odour	...	Agreeable	Agreeable	Agreeable	APHA 2150-B
3	pH	...	7.36	6.5 - 8.5	No Relaxation	APHA 4500-H+
4	Taste	...	Agreeable	Agreeable	Agreeable	APHA 2160-C
5	Turbidity	NTU	<1.0	1	5	APHA 2130-B
6	Total Dissolved Solids,(TDS)	mg/L	540.0	500	2000	APHA 2540-C
7	Calcium,(Ca)	mg/L	55.5	75	200	APHA 3500:(Ca)-B
8	Chloride,(Cl)	mg/L	38.5	250	1000	APHA 4500:(Cl-)-B
9	Chlorine (Residual)	mg/L	<0.1	0.2	1	APHA 4500:(Cl)-B
10	Sulphate,(SO ₄)	mg/L	28.2	200	400	APHA 4500:(SO ₄)-E
11	Total Hardness,(CaCO ₃)	mg/L	220.5	200	600	APHA 2340-C
HEAVY METALS;-						
12	Iron,(Fe)	mg/L	0.28	1	No Relaxation	APHA-3120B

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*****End of Test Report*****

For Enviro-Tech Services

AUTHORIZED SIGNATORY
Lab In-charge

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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