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EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

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TEST REPORT**Water Sample Analysis**

Test Report No. : EK0/EV-WA/102/070515 Issue Date 13/05/2015

Issued To M/S. DATA RAM SONS PVT. LTD.
VILLAGE - KANDOLI,
TEHSIL - VIKASH NAGAR,
DEHRADUN

Sample Description Drinking Water
Sample Drawn on 06/05/2015
Sample Drawn by EPEPL(Mr. Praduman Sharma)
Sample Received on 07/05/2015
Sampling Location NA
Sampling Plan & Procedure SOP-W/66
Sample Quantity 5.0 Litre
Environmental Condition Normal
Analysis Duration 07/05/2015 To 12/05/2015
Remark (if any) NA

RESULTS

S.No.	PARAMETER	Test Methods	Result	Units	IS: 10500 : 2012 (Limits)	
					Acceptable	Permissible
1	Colour	IS : 3025 (P-4)	< 5.0	Hazen	5.0	15.0
2	Odour	IS : 3025 (P-5)	Agreeable	-	Agreeable	Agreeable
3	Taste	IS : 3025 (P-7)	Agreeable	-	Agreeable	Agreeable
4	Turbidity	IS : 3025 (P-10)	< 1.0	NTU	1.0	5.0
5	pH	IS : 3025 (P-11)	7.35	-	6.5-8.5	No relaxation
6	Total Hardness (as CaCO ₃)	IS : 3025 (P-21)	164.0	mg/L	200.0	600.0
7	Calcium (as Ca)	IS : 3025 (P-40)	38.6	mg/L	75.0	200.0
8	Iron (as Fe)	IS : 3025 (P-53)	< 0.1	mg/L	0.3	No relaxation
9	Chloride (as Cl)	IS : 3025 (P-32)	14.8	mg/L	250.0	1000.0
10	Residual Free Chlorine	IS : 3025 (P-26)	< 0.2	mg/L	0.2	1.0
11	Fluoride (as F)	IS : 3025 (P-60)	< 1.0	mg/L	1.0	1.5
12	Total Dissolved Solids	IS : 3025 (P-16)	282.0	mg/L	500.0	2000.0
13	Magnesium (as Mg)	IS : 3025 (P-46)	16.5	mg/L	30.0	100.0
14	Copper (as Cu)	IS : 3025 (P-42)	< 0.01	mg/L	0.05	1.5
15	Manganese (as Mn)	IS : 3025 (P-59)	< 0.1	mg/L	0.1	0.3
16	Sulphate (as SO ₄)	IS : 3025 (P-24)	24.8	mg/L	200.0	400.0

For EKO PRO ENGINEERS PVT. LTD.



Authorized Signatory



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					Acceptable	Permissible
17	Nitrate (as NO ₃)	IS : 3025 (P-34)	1.16	mg/L	45.0	No relaxation
18	Phenolic Compounds (as C ₆ H ₅ OH)	IS : 3025 (P-43)	< 0.001	mg/L	0.001	0.002
19	Mercury (as Hg)	IS : 3025 (P-48)	< 0.001	mg/L	0.001	No relaxation
20	Selenium (as Se)	IS : 3025 (P-56)	< 0.005	mg/L	0.01	No relaxation
21	Arsenic (as As)	IS : 3025 (P-37)	< 0.005	mg/L	0.01	0.05
22	Cyanide (as CN)	APHA 4500 CN-C	< 0.05	mg/L	0.05	No relaxation
23	Lead (as Pb)	IS : 3025 (P-47)	< 0.005	mg/L	0.01	No relaxation
24	Zinc (as Zn)	IS : 3025 (P-49)	< 0.05	mg/L	5.0	15.0
25	Total Chromium (as Cr)	IS : 3025 (P-52)	< 0.01	mg/L	0.05	No relaxation
26	Alkalinity (as CaCO ₃)	IS : 3025 (P-23)	182.0	mg/L	200.0	600.0
27	Aluminium (as Al)	IS : 3025 (P-55)	< 0.01	mg/L	0.03	0.2
28	Boron (as B)	IS : 3025 (P-57)	< 0.25	mg/L	0.5	1.0
29	Cadmium (as Cd)	IS : 3025 (P-41)	< 0.001	mg/L	0.003	No relaxation
30	Anionic Detergents (as MBAS)	APHA 5540-C	< 0.05	mg/L	0.2	1.0
31	Total Coliform	IS : 1622	< 2.0	MPN/100 mL	Shall not be detectable in 100ml sample	-
32	E.coli	IS : 1622	Absent	Per 100 mL	Shall not be detectable in 100ml sample	-

Notes :

End of Report

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without written permission of the Laboratory.
- This test report will not be used for any publicity/legal purpose.
- This test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.
Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

For EKO PRO ENGINEERS PVT. LTD.

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