



Mahabal Enviro Engineers Pvt. Ltd.

Plot 13/14, Opp. Patel Petrol Pump, Chhindwara Road, Koradi, Dist. Nagpur – 441111

Phone: 91-712-2612162 T/Fax: 91-712-2612212 Email: nagpur@mahabal.com

Water Sample Analysis Report

Report No.	ME-NS0311-120918-SA-INDIABUL-NASHIK		Date: 18.09.2012
Name and Address of Customer	INDIABULLS REALTECH LTD. (SEZ Co-Developer) Indiabulls Industrial Infrastructure Ltd. (Multiproduct SEZ), Village – Musalgaon & Gulvanch, Tal- Sinnar, Nashik.		Order Reference
			Your Work Order No. 3320001083 Date: 18.11.2011
Sample Description /Type	Ground Water	Sample Collected by	Laboratory
Sampling Location	Kedarpur	Sample Quantity/Packing	5 L X 1 No. Plastic Can 1 L X 1 No. Glass Bottle
Date of Sampling	08.09.2012	Date of Receipt of Sample	09.09.2012
Sampling Procedure	IS 3025(Part 1):1987, Reaffirmed 2003 & APHA 21 st Ed. 2005, 1060-B		
Date of Start of Analysis	08.09.2012	Date of Completion of Analysis	17.09.2012

Sr. No.	Parameter	Result	Unit	Desirable Limit as per IS 10500: 1991	Method Reference
Physico-Chemical Analysis					
1.	Colour	1	Hazen Units	Max. 5	APHA 21 st Ed. 2005, 2120-B, 2-2
2.	Odour	Unobjectionable	-	Unobjectionable	IS 3025 (Part 5): 1983, Reaffirmed 2006
3.	Taste	Agreeable	-	Agreeable	IS 3025 (Part 8): 1984, Reaffirmed 2006
4.	Turbidity	BDL (DL:0.1)	N.T.U.	Max. 5	APHA 21 st Ed. 2005, 2130-B, 2-9
5.	pH	7.28	-	6.5-8.5	APHA 21 st Ed. 2005, 4500-H ⁺ -B, 4-90
6.	Suspended Solids	20	mg/L	-	IS 3025 (Part 17): 1984, Reaffirmed 2006, Amds.1
7.	Total Dissolved Solids	840	mg/L	Max. 500	IS 3025 (Part 16): 1984, Reaffirmed 2006, Ed. 2.1 (1999-12)
8.	Dissolved Oxygen	5.8	mg/L	-	IS 3025 (Part 38): 1989, Reaffirmed 2009
9.	Alkalinity (as CaCO ₃)	254	mg/L	Max. 200	IS 3025 (Part 23): 1986, Reaffirmed 2003, Amds.1
10.	Total Hardness (as CaCO ₃)	468	mg/L	Max. 300	APHA 21 st Ed. 2005, 2340-C, 2-37
11.	Calcium (as Ca)	102	mg/L	Max. 75	APHA 21 st Ed. 2005, 3500-Ca-B, 3-65
12.	Magnesium (as Mg)	52.0	mg/L	Max. 30	APHA 21 st Ed. 2005, 3500-Mg-B, 3-84
13.	Aluminium (as Al)	BDL (DL:0.025)	mg/L	Max. 0.03	APHA 21 st Ed. 2005, 3500-Al-B, 3-58



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Sr. No.	Parameter	Result	Unit	Desirable Limit as per IS 10500: 1991	Method Reference
14.	Arsenic (as As)	BDL (DL:0.01)	mg/L	Max. 0.01	IS 3025 (Part 2): 2004
15.	Cadmium (as Cd)	BDL (DL:0.005)	mg/L	Max. 0.01	IS 3025 (Part 2): 2004
16.	Chromium (as Cr ⁺⁶)	BDL (DL:0.02)	mg/L	Max. 0.05	APHA 21 st Ed. 2005, 3500-Cr-B, 3-67
17.	Copper (as Cu)	BDL (DL:0.02)	mg/L	Max. 0.05	IS 3025 (Part 2): 2004
18.	Iron (as Fe)	BDL (DL:0.06)	mg/L	Max. 0.3	IS 3025 (Part 2): 2004
19.	Lead (as Pb)	BDL (DL:0.008)	mg/L	Max. 0.05	IS 3025 (Part 2): 2004
20.	Manganese (as Mn)	BDL (DL:0.02)	mg/L	Max. 0.1	IS 3025 (Part 2): 2004
21.	Mercury (as Hg)	BDL (DL:0.0008)	mg/L	Max. 0.001	IS 3025 (Part 2): 2004
22.	Selenium (as Se)	BDL (DL:0.005)	mg/L	Max. 0.01	IS 3025 (Part 2): 2004
23.	Zinc (as Zn)	0.16	mg/L	Max. 5	IS 3025 (Part 2): 2004
24.	Boron (as B)	0.88	mg/L	Max. 1	APHA 21 st Ed. 2005, 4500-B-B, 4-23
25.	Residual free chlorine	3.30	mg/L	Min.0.2	IS 3025 (Part 26): 1986, Reaffirmed 2003, Ed. 2.1 (2004-02)
26.	Chloride (as Cl)	181	mg/L	Max. 250	APHA 21 st Ed. 2005, 4500-Cl-B, 4-70
27.	Sulphate (as SO ₄)	158	mg/L	Max. 200	IS 3025 (Part 24):1986, Reaffirmed 2009
28.	Fluoride (as F)	0.64	mg/L	Max. 1	APHA 21 st Ed. 2005, 4500-F-D, 4-85
29.	Nitrate (as NO ₃)	56.6	mg/L	Max. 45	APHA 21 st Ed. 2005, 4500-NO ₃ -B, 4-120
30.	Cyanide (as CN)	BDL (DL:0.001)	mg/L	Max. 0.05	APHA 21 st Ed. 2005, 4500-CN-C & E, 4-39 & 4-41
31.	Phenolic Compounds (as C ₆ H ₅ OH)	BDL (DL:0.001)	mg/L	Max. 0.001	APHA 21 st Ed. 2005, 5530-B & C, 5-44 & 5-45
32.	Mineral Oil	BDL (DL:005)	mg/L	Max. 0.01	IS: 3025 (Part 39): 1991, Reaffirmed 2003, Amds.1
Remark: BDL- Below Detection Limit, DL- Detection Limit.					

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FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi

TECHNICAL MANAGER



Note:

- The result listed refers only to the tested sample(s) and applicable parameter(s).
- This report is not to be reproduced except in full, without written approval of the laboratory.



Mahabal Enviro Engineers Pvt. Ltd.

Plot 13/14, Opp. Patel Petrol Pump, Chhindwara Road, Koradi, Dist. Nagpur – 441111

Phone: 91-712-2612162 T/Fax: 91-712-2612212 Email: nagpur@mahabal.com

Water Sample Analysis Report

Report No.	ME-NS0310-120918-SA-INDIABUL-NASHIK		Date: 18.09.2012
Name and Address of Customer	Indiabulls Realtech Ltd. (SEZ Co-Developer) Indiabulls Industrial Infrastructure Ltd. (Multiproduct SEZ), Village – Musalgaon & Gulwanch, Tal- Sinnar, Nashik.		Order Reference
			Your Work Order No. 3320001083 Date: 18.11.2011
Sample Description /Type	Ground Water	Sample Collected by	Laboratory
Sampling Location	Gulwanch	Sample Quantity/Packing	5 L X 1 No. Plastic Can 1 L X 1 No. Glass Bottle
Date of Sampling	08.09.2012	Date of Receipt of Sample	09.09.2012
Sampling Procedure	IS 3025(Part 1):1987, Reaffirmed 2003 & APHA 21 st Ed. 2005, 1060-B		
Date of Start of Analysis	09.09.2012	Date of Completion of Analysis	17.09.2012

Sr. No.	Parameter	Result	Unit	Desirable Limit as per IS 10500: 1991	Method Reference
Physico-Chemical Analysis					
1.	Colour	60	Hazen Units	Max. 5	APHA 21 st Ed. 2005, 2120-B, 2-2
2.	Odour	Unobjectionable	-	Unobjectionable	IS 3025 (Part 5): 1983, Reaffirmed 2006
3.	Taste	Disagreeable	-	Agreeable	IS 3025 (Part 8): 1984, Reaffirmed 2006
4.	Turbidity	2.1	N.T.U.	Max. 5	APHA 21 st Ed. 2005, 2130-B, 2-9
5.	pH	8.45	-	6.5-8.5	APHA 21 st Ed. 2005, 4500-H ⁺ -B, 4-90
6.	Suspended Solids	42	mg/L	-	IS 3025 (Part 17): 1984, Reaffirmed 2006, Amds.1
7.	Total Dissolved Solids	1686	mg/L	Max. 500	IS 3025 (Part 16): 1984, Reaffirmed 2006, Ed. 2.1 (1999-12)
8.	Dissolved Oxygen	3.7	mg/L	-	IS 3025 (Part 38): 1989, Reaffirmed 2009
9.	Alkalinity (as CaCO ₃)	837	mg/L	Max. 200	IS 3025 (Part 23): 1986, Reaffirmed 2003, Amds.1
10.	Total Hardness (as CaCO ₃)	1036	mg/L	Max. 300	APHA 21 st Ed. 2005, 2340-C, 2-37
11.	Calcium (as Ca)	160	mg/L	Max. 75	APHA 21 st Ed. 2005, 3500-Ca-B, 3-65
12.	Magnesium (as Mg)	155	mg/L	Max. 30	APHA 21 st Ed. 2005, 3500-Mg-B, 3-84
13.	Aluminium (as Al)	BDL (DL:0.025)	mg/L	Max. 0.03	APHA 21 st Ed. 2005, 3500-Al-B, 3-58
14.	Arsenic (as As)	BDL (DL:0.01)	mg/L	Max. 0.01	IS 3025 (Part 2): 2004

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Sr. No.	Parameter	Result	Unit	Desirable Limit as per IS 10500: 1991	Method Reference
15.	Cadmium (as Cd)	BDL (DL:0.005)	mg/L	Max. 0.01	IS 3025 (Part 2): 2004
16.	Chromium (as Cr ⁺⁶)	BDL (DL:0.02)	mg/L	Max. 0.05	APHA 21 st Ed. 2005, 3500-Cr-B, 3-67
17.	Copper (as Cu)	BDL (DL:0.02)	mg/L	Max. 0.05	IS 3025 (Part 2): 2004
18.	Iron (as Fe)	BDL (DL:0.06)	mg/L	Max. 0.3	IS 3025 (Part 2): 2004
19.	Lead (as Pb)	0.02	mg/L	Max. 0.05	IS 3025 (Part 2): 2004
20.	Manganese (as Mn)	0.11	mg/L	Max. 0.1	IS 3025 (Part 2): 2004
21.	Mercury (as Hg)	BDL (DL:0.0008)	mg/L	Max. 0.001	IS 3025 (Part 2): 2004
22.	Selenium (as Se)	BDL (DL:0.005)	mg/L	Max. 0.01	IS 3025 (Part 2): 2004
23.	Zinc (as Zn)	BDL (DL:0.05)	mg/L	Max. 5	IS 3025 (Part 2): 2004
24.	Boron (as B)	BDL (DL:0.1)	mg/L	Max. 1	APHA 21 st Ed. 2005, 4500-B-B, 4-23
25.	Residual free chlorine	BDL (DL:0.01)	mg/L	Min.0.2	IS 3025 (Part 26): 1986, Reaffirmed 2003, Ed. 2.1 (2004-02)
26.	Chloride (as Cl)	470	mg/L	Max. 250	APHA 21 st Ed. 2005, 4500-Cl-B, 4-70
27.	ulphate (as SO ₄)	118	mg/L	Max. 200	IS 3025 (Part 24): 1986, Reaffirmed 2009
28.	Fluoride (as F)	0.45	mg/L	Max. 1	APHA 21 st Ed. 2005, 4500-F-D, 4-85
29.	Nitrate (as NO ₃)	39.5	mg/L	Max. 45	APHA 21 st Ed. 2005, 4500-NO ₃ -B, 4-120
30.	Cyanide (as CN)	BDL (DL:0.001)	mg/L	Max. 0.05	APHA 21 st Ed. 2005, 4500-CN-C & E, 4-39 & 4-41
31.	Phenolic Compounds (as C ₆ H ₅ OH)	BDL (DL:0.001)	mg/L	Max. 0.001	APHA 21 st Ed. 2005, 5530-B & C, 5-44 & 5-45
32.	Mineral Oil	BDL (DL:005)	mg/L	Max. 0.01	IS: 3025 (Part 39): 1991, Reaffirmed 2003, Amds.1
Remark: BDL- Below Detection Limit, DL- Detection Limit.					

-END-

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi

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Plot 13/14, Opp. Patel Petrol Pump, Chhindwara Road, Koradi, Dist. Nagpur – 441111

Phone: 91-712-2612162 T/Fax: 91-712-2612212 Email: nagpur@mahabal.com

Water Sample Analysis Report

Report No.	ME-NS0309-120918-SA-INDIABUL-NASHIK		Date: 18.09.2012
Name and Address of Customer	INDIABULLS REALTECH LTD. (SEZ Co-Developer) Indiabulls Industrial Infrastructure Ltd. (Multiproduct SEZ), Village – Musalgaon & Gulvanch, Tal- Sinnar, Nashik.		Order Reference
			Your Work Order No. 3320001083 Date: 18.11.2011
Sample Description /Type	Ground Water	Sample Collected by	Laboratory
Sampling Location	Musalgaon	Sample Quantity/Packing	5 L X 1 No. Plastic Can 1 L X 1 No. Glass Bottle 250 mL X 1 No. Sterile Glass Bottle
Date of Sampling	08.09.2012	Date of Receipt of Sample	09.09.2012
Sampling Procedure	IS 1622: 1981, Reaffirmed 2003; IS 3025 (Part 1): 1987, Reaffirmed 2003 & APHA 21 st Ed. 2005, 1060-B		
Date of Start of Analysis	09.09.2012	Date of Completion of Analysis	17.09.2012

Sr. No.	Parameter	Result	Unit	Desirable Limit as per IS 10500: 1991	Method Reference
Physico-Chemical Analysis					
1.	Colour	1	Hazen Units	Max. 5	APHA 21 st Ed. 2005, 2120-B, 2-2
2.	Odour	Unobjectionable	-	Unobjectionable	IS 3025 (Part 5): 1983, Reaffirmed 2006
3.	Taste	Agreeable	-	Agreeable	IS 3025 (Part 8): 1984, Reaffirmed 2006
4.	Turbidity	BDL (DL: 0.1)	N.T.U.	Max. 5	APHA 21 st Ed. 2005, 2130-B, 2-9
5.	pH	7.35	-	6.5-8.5	APHA 21 st Ed. 2005, 4500-H ⁺ -B, 4-90
6.	Suspended Solids	BDL (DL: 5)	mg/L	-	IS 3025 (Part 17): 1984, Reaffirmed 2006, Amds. 1
7.	Total Dissolved Solids	958	mg/L	Max. 500	IS 3025 (Part 16): 1984, Reaffirmed 2006, Ed. 2.1 (1999-12)
8.	Dissolved Oxygen	5.4	mg/L	-	IS 3025 (Part 38): 1989, Reaffirmed 2009
9.	Alkalinity (as CaCO ₃)	339	mg/L	Max. 200	IS 3025 (Part 23): 1986, Reaffirmed 2003, Amds. 1
10.	Total Hardness (as CaCO ₃)	680	mg/L	Max. 300	APHA 21 st Ed. 2005, 2340-C, 2-37
11.	Calcium (as Ca)	145	mg/L	Max. 75	APHA 21 st Ed. 2005, 3500-Ca-B, 3-65
12.	Magnesium (as Mg)	77.3	mg/L	Max. 30	APHA 21 st Ed. 2005, 3500-Mg-B, 3-84

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Report No. 0309 cont...

Sr. No.	Parameter	Result	Unit	Desirable Limit as per IS 10500: 1991	Method Reference
13.	Aluminium (as Al)	BDL (DL:0.025)	mg/L	Max. 0.03	APHA 21 st Ed. 2005, 3500-AI-B, 3-58
14.	Arsenic (as As)	0.01	mg/L	Max. 0.01	IS 3025 (Part 2): 2004
15.	Cadmium (as Cd)	BDL (DL:0.005)	mg/L	Max. 0.01	IS 3025 (Part 2): 2004
16.	Chromium (as Cr ⁺⁶)	BDL (DL:0.02)	mg/L	Max. 0.05	APHA 21 st Ed. 2005, 3500-Cr-B, 3-67
17.	Copper (as Cu)	BDL (DL:0.02)	mg/L	Max. 0.05	IS 3025 (Part 2): 2004
18.	Iron (as Fe)	BDL (DL:0.06)	mg/L	Max. 0.3	IS 3025 (Part 2): 2004
19.	Lead (as Pb)	0.02	mg/L	Max. 0.05	IS 3025 (Part 2): 2004
20.	Manganese (as Mn)	0.10	mg/L	Max. 0.1	IS 3025 (Part 2): 2004
21.	Mercury (as Hg)	BDL (DL:0.0008)	mg/L	Max. 0.001	IS 3025 (Part 2): 2004
22.	Selenium (as Se)	0.007	mg/L	Max. 0.01	IS 3025 (Part 2): 2004
23.	Zinc (as Zn)	BDL (DL:0.05)	mg/L	Max. 5	IS 3025 (Part 2): 2004
24.	Boron (as B)	1.1	mg/L	Max. 1	APHA 21 st Ed. 2005, 4500-B-B, 4-23
25.	Residual free chlorine	BDL (DL:0.01)	mg/L	Min.0.2	IS 3025 (Part 26): 1986, Reaffirmed 2003, Ed. 2.1 (2004-02)
26.	Chloride (as Cl)	139	mg/L	Max. 250	APHA 21 st Ed. 2005, 4500-Cl-B, 4-70
27.	Sulphate (as SO ₄)	190	mg/L	Max. 200	IS 3025 (Part 24):1986, Reaffirmed 2009
28.	Fluoride (as F)	0.46	mg/L	Max. 1	APHA 21 st Ed. 2005, 4500-F-D, 4-85
29.	Nitrate (as NO ₃)	61.8	mg/L	Max. 45	APHA 21 st Ed. 2005, 4500-NO ₃ -B, 4-120
30.	Cyanide (as CN)	BDL (DL:0.001)	mg/L	Max. 0.05	APHA 21 st Ed. 2005, 4500-CN-C & E, 4-39 & 4-41
31.	Phenolic Compounds (as C ₆ H ₅ OH)	BDL (DL:0.001)	mg/L	Max. 0.001	APHA 21 st Ed. 2005, 5530-B & C, 5-44 & 5-45
32.	Mineral Oil	BDL (DL:005)	mg/L	Max. 0.01	IS: 3025 (Part 39): 1991, Reaffirmed 2003, Amds.1



Report No. 0309 cont...

Sr. No.	Parameter	Result	Unit	Desirable Limit as per IS 10500: 1991	Method Reference
Microbiological Analysis					
33.	Total Coliforms	170	MPN /100mL	Max. 10	APHA 21 st Ed. 2005, 9221-B, 9-55
34.	E-Coli	Present	MPN /100mL	Absent	APHA 21 st Ed. 2005, 9221-F, 9-58
Remark: BDL- Below Detection Limit, DL- Detection Limit.					

-END-

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi

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Note:

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Plot 13/14, Opp. Patel Petrol Pump, Chhindwara Road, Koradi, Dist. Nagpur – 441111

Phone: 91-712-2612162 T/Fax: 91-712-2612212 Email: nagpur@mahabal.com

Water Sample Analysis Report

Report No.	ME-NS0342-120918-SA-INDIABUL-NASHIK		Date: 18.09.2012
Name and Address of Customer	INDIABULLS REALTECH LTD. (SEZ Co-Developer) Indiabulls Industrial Infrastructure Ltd.(Multiproduct SEZ), Village – Musalgaon & Gulvanch, Tal- Sinnar, Nashik.		Order Reference
			Your Work Order No. 3320001083 Date: 18.11.2011
Sample Description /Type	Water	Sample Collected by	Laboratory
Sampling Location	IRL Canteen Water	Sample Quantity/Packing	5 L X 1 No. Plastic Can 1 L X 1 No. Glass Bottle 250 mL X 1 No. Sterile Glass Bottle
Date of Sampling	08.09.2012	Date of Receipt of Sample	09.09.2012
Sampling Procedure	IS 1622:1981, Reaffirmed 2009; IS 3025(Part 1) 1987, Reaffirmed 2003 & APHA 21 st Ed. 2005, 1060 B, 1-29		
Date of Start of Analysis	09.09.2012	Date of Completion of Analysis	17.09.2012

Sr. No.	Parameter	Result	Unit	Desirable Limit as per IS 10500: 1991	Method Reference
Physico-Chemical Analysis					
1.	Colour	1.0	Hazen Unit	Max. 5	APHA 21 st Ed. 2005, 2120-B, 2-2
2.	Odour	Unobjectionable	-	Unobjectionable	IS 3025 (Part 5): 1983, Reaffirmed 2006
3.	Turbidity	BDL (DL: 0.1)	N.T.U.	Max. 5	APHA 21 st Ed. 2005, 2130-B, 2-9
4.	pH	6.85	-	6.5-8.5	APHA 21 st Ed. 2005, 4500-H ⁺ -B, 4-90
5.	Suspended Solids	BDL (DL: 5)	mg/L	-	IS 3025 (Part 17): 1984, Reaffirmed 2006, Amds.1
6.	Biochemical Oxygen Demand (3 days, 27°C)	3	mg/L	-	IS 3025 (Part 44): 1993, Reaffirmed 2006, Amds.1
7.	Chemical Oxygen Demand	10	mg/L	-	APHA 21 st Ed. 2005, 5220-B, 5-15
8.	Oil & Grease	BDL (DL: 0.5)	mg/L	-	APHA 21 st Ed. 2005, 5220-B, 5-37
9.	Total Dissolved Solids	24	mg/L	Max. 500	IS 3025 (Part 16): 1984, Reaffirmed 2006, Ed. 2.1 (1999-12)
10.	Dissolved Oxygen	6.7	mg/L	-	IS 3025 (Part 38): 1989, Reaffirmed 2009

Page 1 of 3

Plot No. F-7, Road No. 21, MIDC Wagle Estate, Thane West - 400604, Maharashtra
(600 m from Hotel Rukhmini Palace Turn Opp Toyota Show Room. Next to Ashida Electrical - near J B Sawant Bus Stop)
Phone: 2582 0658/ 3139/ 1663/ 3154 Fax: 91-22-25823543 thane@mahabal.com



Report No. 0342 cont...

Sr. No.	Parameter	Result	Unit	Desirable Limit as per IS 10500: 1991	Method Reference
11.	Phenolphthalein Alkalinity (as CaCO ₃)	BDL (DL:0.5)	mg/L	-	IS 3025 (Part 23): 1986, Reaffirmed 2003, Amds.1
12.	Methyl Orange Alkalinity (as CaCO ₃)	11	mg/L	-	IS 3025 (Part 23): 1986, Reaffirmed 2003, Amds.1
13.	Total Hardness (as CaCO ₃)	8.4	mg/L	Max. 300	APHA 21 st Ed. 2005, 2340-C, 2-37
14.	Calcium (as Ca)	2.28	mg/L	Max. 75	APHA 21 st Ed. 2005, 3500-Ca-B, 3-65
15.	Magnesium (as Mg)	0.66	mg/L	Max. 30	APHA 21 st Ed. 2005, 3500-Mg-B, 3-84
16.	Arsenic (as As)	BDL (DL:0.01)	mg/L	Max. 0.01	IS 3025 (Part 2): 2004
17.	Cadmium (as Cd)	BDL (DL:0.005)	mg/L	Max. 0.01	IS 3025 (Part 2): 2004
18.	Chromium (as Cr ⁺⁶)	BDL (DL:0.02)	mg/L	Max. 0.05	APHA 21 st Ed. 2005, 3500-Cr-B, 3-67
19.	Copper (as Cu)	BDL (DL:0.02)	mg/L	Max. 0.05	IS 3025 (Part 2): 2004
20.	Iron (as Fe-Dissolved)	BDL (DL:0.08)	mg/L	-	APHA 21 st Ed. 2005, 3111 B, 3-17
21.	Iron (as Fe-Suspended)	0.16	mg/L	-	APHA 21 st Ed. 2005, 3111 B, 3-17
22.	Lead (as Pb)	BDL (DL:0.008)	mg/L	Max. 0.05	IS 3025 (Part 2): 2004
23.	Manganese (as Mn)	BDL (DL:0.02)	mg/L	Max. 0.1	IS 3025 (Part 2): 2004
24.	Mercury (as Hg)	BDL (DL:0.0008)	mg/L	Max. 0.001	IS 3025 (Part 2): 2004
25.	Selenium (as Se)	0.008	mg/L	Max. 0.01	IS 3025 (Part 2): 2004
26.	Zinc (as Zn)	BDL (DL:0.05)	mg/L	Max. 5	IS 3025 (Part 2): 2004
27.	Nickel (as Ni)	BDL (DL:0.06)	mg/L	-	IS 3025 (Part 2): 2004
28.	Barium (as Ba)	BDL (DL:0.1)	mg/L	-	IS 3025 (Part 2): 2004
29.	Sodium(as Na)	4.5	mg/L	-	IS 3025 (Part 45): 1993, Reaffirmed 2009, Amds.1
30.	Potassium (as K)	0.3	mg/L	-	IS 3025 (Part 45): 1993, Reaffirmed 2009



Report No. 0342 cont...

Sr. No.	Parameter	Result	Unit	Desirable Limit as per IS 10500: 1991	Method Reference
31.	Chloride (as Cl)	2.9	mg/L	Max. 250	APHA 21 st Ed. 2005, 4500-Cl-B, 4-70
32.	Sulphate (as SO ₄)	BDL (DL: 1)	mg/L	Max. 200	IS 3025 (Part 24):1986, Reaffirmed 2009
33.	Fluoride (as F)	BDL (DL:0.05)	mg/L	Max. 1	APHA 21 st Ed. 2005, 4500-F-D, 4-85
34.	Phosphate (as PO ₄)	BDL (DL:0.03)	mg/L	-	APHA 21 st Ed. 2005, 4500-P-E, 4-153
35.	Nitrate (as NO ₃)	BDL (DL:0.1)	mg/L	Max. 45	APHA 21 st Ed. 2005, 4500-NO ₃ -E, 4-123
36.	Dissolved Silica (as SiO ₂)	0.18	mg/L	-	APHA 21 st Ed. 2005, 4500-SiO ₂ -D, 4-167
37.	Hydrogen Sulphide (as H ₂ S)	BDL (DL:0.08)	mg/L	-	APHA 21 st Ed. 2005, 4500-S ² -C, 4-173
38.	Carbon Dioxide	1.8	mg/L	-	APHA 21 st Ed. 2005, 4500-CO ₂ -C, 4-33
39.	Permanganate Value at 25°C	BDL (DL:0.1)	mg/L	-	IS 3025:1964, 51 Pg-96
Microbiological Analysis					
40.	Total Coliforms	Absent	MPN/100mL	Max. 10	APHA 21 st Ed. 2005, 9221-B, 9-49
41.	E. coli	Absent	MPN/100mL	Absent	APHA 21 st Ed. 2005, 9221-F, 9-58
Remarks: BDL: Below Detection Limit, DL: Detection Limit.					

-END-

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.


 Harish Mendhi
TECHNICAL MANAGER

Note:

1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.