



# Mahabal Enviro Engineers Pvt. Ltd.

Engineer, Consultant, Environmental Monitoring Laboratory & Contractor

Plot No. 13/14, Opp. Patel Petrol Pump, Chhindwara Road, Koradi, Dist - Nagpur - 441 111  
Phone : +91-0712-2612162, 07109-326999, Tele Fax - 0712 - 2612212, Email : [nagpur@mahabal.com](mailto:nagpur@mahabal.com)

## Water Analysis Report

|                                     |  |                                       |  |
|-------------------------------------|--|---------------------------------------|--|
| <b>Report No.</b>                   | <b>ME/NS/001357/11.04.30/SA/Indiabulls/Nashik</b>  |                                       | <b>Date:</b><br>30/04/2011   |
| <b>Name and Address of Customer</b> | <b>Indiabulls Realtech Ltd. (SEZ Co-Developer)</b><br>Indiabulls Industrial Infrastructure Ltd. (Multiproduct SEZ),<br>Village - Musalgaon & Gulvanch,<br>Tal- Sinnar, Nashik. |                                       | <b>Order Reference</b><br>Your Work Order<br>No. 3320000384<br>dt 28.10.2010 |
| <b>Sample Description /Type</b>     | Water  | <b>Sample Collected by</b>            | Laboratory   |
| <b>Sampling Location</b>            | Kedarpur   | <b>Sample Quantity/Packing</b>        | 10 L x 1 no.<br>plastic can<br>250 ml x 1 no.<br>sterile glass bottle        |
| <b>Date of Sampling</b>             | 22/04/2011   | <b>Date of Receipt of Sample</b>      | 22/04/2011   |
| <b>Sampling Procedure</b>           | IS 1622, 1981, Reaffirmed 2003 & IS 3025, Part 1, 1987, Reaffirmed 1998 & APHA, 21 <sup>st</sup> Ed., 2005, 1060 B, 1-29, 9040, 9-17 & 9060 A, 9-20                            |                                       |  |
| <b>Date of Start of Analysis</b>    | 22/04/2011   | <b>Date of Completion of Analysis</b> | 30/04/2011   |

| Sr. No.                          | Parameters                             | Results         | Units       | Desirable Limit as per IS 10500: 1991 | Method Reference  |
|----------------------------------|--|-----------------|-------------|---------------------------------------|---|
| <b>Physico-Chemical Analysis</b> |  |                 |             |                                       |   |
| 1.                               | Colour                                 | 5               | Hazen Units | Max. 5                                | APHA, 21 <sup>st</sup> 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                              | 1.8             | N.T.U.      | Max. 5                                | APHA, 21 <sup>st</sup> Ed., 2005, 2130-B, 2-9                   |
| 5.                               | pH                                     | 7.6             | -           | 6.5-8.5                               | APHA, 21 <sup>st</sup> Ed., 2005, 4500-H <sup>+</sup> - B, 4-90 |
| 6.                               | Suspended Solids                       | 8               | mg/L        | -                                     | IS 3025 (Part 17): 1984, Reaffirmed 2006, Amds.1                |
| 7.                               | Total Dissolved Solids                 | 818             | mg/L        | Max. 500                              | IS 3025 (Part 16): 1984, Reaffirmed 2006, Ed.2.1 (1999-12)      |
| 8.                               | Dissolved oxygen                       | 2               | mg/L        | -                                     | IS 3025 (Part 38): 1989, Reaffirmed 2003                        |
| 9.                               | Alkalinity (as CaCO <sub>3</sub> )     | 237             | mg/L        | Max. 200                              | IS 3025 (Part 23): 1986, Reaffirmed 2003, Amds.1                |
| 10.                              | Total Hardness (as CaCO <sub>3</sub> ) | 435             | mg/L        | Max. 300                              | APHA, 21 <sup>st</sup> Ed., 2005, 2340 C, 2-37                  |
| 11.                              | Calcium (as Ca)                        | 123             | mg/L        | Max. 200                              | APHA, 21 <sup>st</sup> Ed., 2005, 3500-B, 3-65                  |



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**Report No. ME/NS/001357/11.04.30/SA/Indiabulls/Nashik Cont...**

| Sr. No. | Parameters                      | Results | Units | Desirable Limit as per IS 10500: 1991 | Method Reference  |
|---------|---------------------------------|---------|-------|---------------------------------------|---|
| 12.     | Magnesium (as Mg)               | 81      | mg/L  | Max. 100                              | APHA, 21 <sup>st</sup> Ed., 2005, 3500-Mg, B, 3-84          |
| 13.     | Aluminium (as Al)               | <0.020  | mg/L  | Max. 0.2                              | APHA, 21 <sup>st</sup> Ed., 2005, 3111-B, 3-17              |
| 14.     | Arsenic (as As)                 | <0.01   | mg/L  | Max. 0.05                             | IS 3025(Part 2): 2004                                       |
| 15.     | Cadmium (as Cd)                 | <0.008  | mg/L  | Max. 0.01                             | IS 3025(Part 2): 2004                                       |
| 16.     | Chromium (as Cr <sup>+6</sup> ) | <0.02   | mg/L  | Max. 0.05                             | IS 3025(Part 2): 2004                                       |
| 17.     | Copper (as Cu)                  | N.D.    | mg/L  | Max. 1.5                              | IS 3025(Part 2): 2004                                       |
| 18.     | Iron (as Fe)                    | N.D.    | mg/L  | Max. 1                                | IS 3025(Part 2): 2004                                       |
| 19.     | Lead (as Pb)                    | N.D.    | mg/L  | Max. 0.05                             | IS 3025(Part 2): 2004                                       |
| 20.     | Manganese (as Mn)               | N.D.    | mg/L  | Max. 0.3                              | IS 3025(Part 2): 2004                                       |
| 21.     | Mercury (as Hg)                 | N.D.    | mg/L  | Max. 0.001                            | IS 3025(Part 2): 2004                                       |
| 22.     | Selenium (as Se)                | N.D.    | mg/L  | Max. 0.01                             | IS 3025(Part 2): 2004                                       |
| 23.     | Zinc (as Zn)                    | <0.05   | mg/L  | Max. 5                                | IS 3025(Part 2): 2004                                       |
| 24.     | Boron (as B)                    | 0.8     | mg/L  | Max. 5                                | APHA, 21 <sup>st</sup> Ed., 2005, 3111-B, 3-17              |
| 25.     | Residual free chlorine          | <0.1    | mg/L  | Min.0.2                               | IS 3025 (Part 26): 1986, Reaffirmed 2003, Ed. 2.1 (2004-02) |
| 26.     | Chloride (as Cl)                | 258     | mg/L  | Max. 250                              | APHA, 21 <sup>st</sup> Ed., 2005, 4500-Cl, B, 4-70          |
| 27.     | Sulphate (as SO <sub>4</sub> )  | 121     | mg/L  | Max. 200                              | IS 3025 (Part 24):1986, Reaffirmed 2003                     |



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**Report No. ME/NS/001357/11.04.30/SA/Indiabulls/Nashik Cont...**

| Sr. No.                         | Parameters   | Results | Units   | Desirable Limit as per IS 10500: 1991 | Method Reference   |
|---------------------------------|--|---------|---------|---------------------------------------|--|
| 28.                             | Fluoride (as F)  | <0.02   | mg/L    | Max. 1                                | APHA, 21 <sup>st</sup> Ed., 2005, 4500-F, D, 4-85                  |
| 29.                             | Nitrate (as NO <sub>3</sub> )                            | 38.1    | mg/L    | Max. 45                               | APHA, 21 <sup>st</sup> Ed., 2005, 4500-NO <sub>3</sub> , B -4 -120 |
| 30.                             | Cyanide (as CN)  | <0.001  | mg/L    | Max. 0.05                             | APHA, 21 <sup>st</sup> Ed., 2005, 4500-CN, C & E, 4-39 & 4-41      |
| 31.                             | Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH) | N.D.    | mg/L    | Max. 0.001                            | APHA, 21 <sup>st</sup> Ed., 2005, 5530- B & C, 5-44 & 5-45         |
| 32.                             | Mineral Oil  | N.D.    | mg/L    | Max. 0.01                             | IS: 3025 (Part 39): 1991, Reaffirmed 2003, Amds.1                  |
| <b>Microbiological Analysis</b> |  |         |         |                                       |  |
| 33.                             | Total Coliforms  | 795     | /100 ml | Absent                                | APHA, 21 <sup>st</sup> Ed., 2005, 9221-D, 9-55                     |
| 34.                             | <i>E. coli</i>   | Present | /100 ml | Absent                                | APHA, 21 <sup>st</sup> Ed., 2005, 9221-F, 9-58                     |
| N.D.: Not Detected.             |  |         |         |                                       |  |

-----End-----  
for **Mahabal Enviro Engineers Pvt. Ltd.**



† Harish Mendhi  
**Technical Manager**  
**AUTHORISED SIGNATORY**

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.



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## Water Analysis Report

|                              |   |                                |   |
|------------------------------|---|--------------------------------|---|
| Report No.                   | ME/NS/001358/11.04.30/SA/Indiabulls/Nashik  |                                | Date: 30/04/2011  |
| Name and Address of Customer | Indiabulls Realtech Ltd. (SEZ Co-Developer)<br>Indiabulls Industrial Infrastructure Ltd.(Multiproduct SEZ) ,<br>Village - Musalgaon & Gulvanch,<br>Tal- Sinnar, Nashik. |                                | Order Reference<br>Your Work Order No.<br>3320000384<br>dt 28.10.2010 |
| Sample Description /Type     | Water   | Sample Collected by            | Laboratory  |
| Sampling Location            | Musalgaon   | Sample Quantity/Packing        | 10 L x 1 no. plastic can<br>250 ml x 1 no. sterile glass bottle       |
| Date of Sampling             | 22/04/2011  | Date of Receipt of Sample      | 22/04/2011  |
| Sampling Procedure           | IS 1622, 1981, Reaffirmed 2003 & IS 3025, Part 1, 1987, Reaffirmed 1998 & APHA, 21 <sup>st</sup> Ed., 2005, 1060 B, 1-29, 9040, 9-17 & 9060 A, 9-20                     |                                |   |
| Date of Start of Analysis    | 22/04/2011  | Date of Completion of Analysis | 30/04/2011  |

| Sr. No.                          | Parameters                             | Results         | Units       | Desirable Limit as per IS 10500: 1991 | Method Reference  |
|----------------------------------|--|-----------------|-------------|---------------------------------------|---|
| <b>Physico-Chemical Analysis</b> |  |                 |             |                                       |   |
| 1.                               | Colour                                 | 4               | Hazen Units | Max. 5                                | APHA, 21 <sup>st</sup> 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                              | 1.6             | N.T.U.      | Max. 5                                | APHA, 21 <sup>st</sup> Ed., 2005, 2130-B, 2-9                   |
| 5.                               | pH                                     | 7.8             | -           | 6.5-8.5                               | APHA, 21 <sup>st</sup> Ed., 2005, 4500-H <sup>+</sup> - B, 4-90 |
| 6.                               | Suspended Solids                       | 6               | mg/L        | -                                     | IS 3025 (Part 17): 1984, Reaffirmed 2006, Amds.1                |
| 7.                               | Total Dissolved Solids                 | 810             | mg/L        | Max. 500                              | IS 3025 (Part 16): 1984, Reaffirmed 2006, Ed.2.1 (1999-12)      |
| 8.                               | Dissolved oxygen                       | 3               | mg/L        | -                                     | IS 3025 (Part 38): 1989, Reaffirmed 2003                        |
| 9.                               | Alkalinity (as CaCO <sub>3</sub> )     | 308             | mg/L        | Max. 200                              | IS 3025 (Part 23): 1986, Reaffirmed 2003, Amds.1                |
| 10.                              | Total Hardness (as CaCO <sub>3</sub> ) | 698             | mg/L        | Max. 300                              | APHA, 21 <sup>st</sup> Ed., 2005, 2340 C, 2-37                  |
| 11.                              | Calcium (as Ca)                        | 153             | mg/L        | Max. 200                              | APHA, 21 <sup>st</sup> Ed., 2005, 3500-B, 3-65                  |



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| Sr. No. | Parameters                      | Results | Units | Desirable Limit as per IS 10500: 1991 | Method Reference  |
|---------|---------------------------------|---------|-------|---------------------------------------|---|
| 12.     | Magnesium (as Mg)               | 81.3    | mg/L  | Max. 100                              | APHA, 21 <sup>st</sup> Ed., 2005, 3500-Mg, B, 3-84          |
| 13.     | Aluminium (as Al)               | 0.116   | mg/L  | Max. 0.2                              | APHA, 21 <sup>st</sup> Ed., 2005, 3111-B, 3-17              |
| 14.     | Arsenic (as As)                 | <0.01   | mg/L  | Max. 0.05                             | IS 3025(Part 2): 2004                                       |
| 15.     | Cadmium (as Cd)                 | 0.005   | mg/L  | Max. 0.01                             | IS 3025(Part 2): 2004                                       |
| 16.     | Chromium (as Cr <sup>+6</sup> ) | <0.02   | mg/L  | Max. 0.05                             | IS 3025(Part 2): 2004                                       |
| 17.     | Copper (as Cu)                  | N.D.    | mg/L  | Max. 1.5                              | IS 3025(Part 2): 2004                                       |
| 18.     | Iron (as Fe)                    | 0.072   | mg/L  | Max. 1                                | IS 3025(Part 2): 2004                                       |
| 19.     | Lead (as Pb)                    | <0.008  | mg/L  | Max. 0.05                             | IS 3025(Part 2): 2004                                       |
| 20.     | Manganese (as Mn)               | <0.02   | mg/L  | Max. 0.3                              | IS 3025(Part 2): 2004                                       |
| 21.     | Mercury (as Hg)                 | N.D.    | mg/L  | Max. 0.001                            | IS 3025(Part 2): 2004                                       |
| 22.     | Selenium (as Se)                | N.D.    | mg/L  | Max. 0.01                             | IS 3025(Part 2): 2004                                       |
| 23.     | Zinc (as Zn)                    | <0.05   | mg/L  | Max. 5                                | IS 3025(Part 2): 2004                                       |
| 24.     | Boron (as B)                    | 0.7     | mg/L  | Max. 5                                | APHA, 21 <sup>st</sup> Ed., 2005, 3111-B, 3-17              |
| 25.     | Residual free chlorine          | <0.1    | mg/L  | Min.0.2                               | IS 3025 (Part 26): 1986, Reaffirmed 2003, Ed. 2.1 (2004-02) |
| 26.     | Chloride (as Cl)                | 323     | mg/L  | Max. 250                              | APHA, 21 <sup>st</sup> Ed., 2005, 4500-Cl, B, 4-70          |
| 27.     | Sulphate (as SO <sub>4</sub> )  | 157     | mg/L  | Max. 200                              | IS 3025 (Part 24):1986, Reaffirmed 2003                     |



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**Report No. ME/NS/001358/11.04.30/SA/Indiabulls/Nashik Cont...**

| Sr. No.                         | Parameters   | Results | Units    | Desirable Limit as per IS 10500: 1991 | Method Reference   |
|---------------------------------|--|---------|----------|---------------------------------------|--|
| 28.                             | Fluoride (as F)  | 0.71    | mg/L     | Max. 1                                | APHA, 21 <sup>st</sup> Ed., 2005, 4500-F, D, 4-85                  |
| 29.                             | Nitrate (as NO <sub>3</sub> )                            | 34.8    | mg/L     | Max. 45                               | APHA, 21 <sup>st</sup> Ed., 2005, 4500-NO <sub>3</sub> , B -4 -120 |
| 30.                             | Cyanide (as CN)  | <0.001  | mg/L     | Max. 0.05                             | APHA, 21 <sup>st</sup> Ed., 2005, 4500-CN, C & E, 4-39 & 4-41      |
| 31.                             | Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH) | N.D.    | mg/L     | Max. 0.001                            | APHA, 21 <sup>st</sup> Ed., 2005, 5530- B & C, 5-44 & 5-45         |
| 32.                             | Mineral Oil  | N.D.    | mg/L     | Max. 0.01                             | IS: 3025 (Part 39): 1991, Reaffirmed 2003, Amds.1                  |
| <b>Microbiological Analysis</b> |  |         |          |                                       |  |
| 33.                             | Total Coliforms  | 305     | /100 ml  | Absent                                | APHA, 21 <sup>st</sup> Ed., 2005, 9221-D, 9-55                     |
| 34.                             | <i>E. coli</i>   | Present | / 100 ml | Absent                                | APHA, 21 <sup>st</sup> Ed., 2005, 9221-F, 9-58                     |
| N.D.: Not Detected.             |  |         |          |                                       |  |

-----End-----  
for **Mahabal Enviro Engineers Pvt. Ltd.**



Harish Mendhi  
Technical Manager  
**AUTHORISED SIGNATORY**

Note :

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## Water Analysis Report

|                                     |  |                                       |  |
|-------------------------------------|--|---------------------------------------|--|
| <b>Report No.</b>                   | <b>ME/NS/001359/11.04.30/SA/Indiabulls/Nashik</b>  |                                       | <b>Date:</b> 30/04/2011  |
| <b>Name and Address of Customer</b> | <b>Indiabulls Realtech Ltd. (SEZ Co-Developer)</b><br>Indiabulls Industrial Infrastructure Ltd.(Multiproduct SEZ) ,<br>Village - Musalgaon & Gulvanch,<br>Tal- Sinnar, Nashik. |                                       | <b>Order Reference</b><br>Your Work Order<br>No. 3320000384<br>dt 28.10.2010 |
| <b>Sample Description /Type</b>     | Water  | <b>Sample Collected by</b>            | Laboratory   |
| <b>Sampling Location</b>            | Aquagard Water Outlet (canteen)  | <b>Sample Quantity/Packing</b>        | 10 L x 1 no.<br>plastic can<br>250 ml x 1 no.<br>sterile glass bottle        |
| <b>Date of Sampling</b>             | 22/04/2011   | <b>Date of Receipt of Sample</b>      | 22/04/2011   |
| <b>Sampling Procedure</b>           | IS 1622, 1981, Reaffirmed 2003 & IS 3025, Part 1, 1987, Reaffirmed 1998 & APHA, 21 <sup>st</sup> Ed., 2005, 1060 B, 1-29, 9040, 9-17 & 9060 A, 9-20                            |                                       |  |
| <b>Date of Start of Analysis</b>    | 22/04/2011   | <b>Date of Completion of Analysis</b> | 30/04/2011   |

| Sr. No.                          | Parameters   | Results         | Units       | Desirable Limit as per IS 10500: 1991 | Method Reference  |
|----------------------------------|--|-----------------|-------------|---------------------------------------|---|
| <b>Physico-Chemical Analysis</b> |  |                 |             |                                       |   |
| 1.                               | Colour   | 10              | Hazen Units | Max. 5                                | APHA, 21 <sup>st</sup> Ed., 2005, 2120-B, 2-2                   |
| 2.                               | Odour  | Unobjectionable | -           | Unobjectionable                       | IS 3025 (Part 5): 1983, Reaffirmed 2006                         |
| 3.                               | Turbidity  | 1.3             | N.T.U.      | Max. 5                                | APHA, 21 <sup>st</sup> Ed., 2005, 2130-B, 2-9                   |
| 4.                               | pH   | 7.12            | -           | 6.5-8.5                               | APHA, 21 <sup>st</sup> Ed., 2005, 4500-H <sup>+</sup> - B, 4-90 |
| 5.                               | Suspended Solids                                   | 4               | mg/L        | -                                     | IS 3025 (Part 17): 1984, Reaffirmed 2006, Amds.1                |
| 6.                               | Biochemical Oxygen Demand(3 days at 27 °C)         | 8               | mg/L        | -                                     | IS 3025 (Part 44): 1993, Reaffirmed 2009, Amds.1                |
| 7.                               | Chemical Oxygen Demand                             | 26              | mg/L        | -                                     | APHA, 21 <sup>st</sup> Ed., 2005, 5220-B, 5-15                  |
| 8.                               | Oil and Grease                                     | 1.1             | mg/L        | -                                     | APHA, 21 <sup>st</sup> Ed., 2005, 5520-B, 5-37                  |
| 9.                               | Total Dissolved Solids                             | 23              | mg/L        | Max. 500                              | IS 3025 (Part 16): 1984, Reaffirmed 2006                        |
| 10.                              | Dissolved oxygen                                   | 5.4             | mg/L        | -                                     | IS 3025 (Part 38): 1989, Reaffirmed 2009                        |
| 11.                              | Phenolphthalein Alkalinity (as CaCO <sub>3</sub> ) | N.D.            | mg/L        | -                                     | IS 3025 (Part 23): 1986, Reaffirmed 2009, Amds.1                |



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| Sr. No. | Parameters                                       | Results | Units | Desirable Limit as per IS 10500: 1991 | Method Reference                                   |
|---------|--|---------|-------|---------------------------------------|--|
| 12.     | Methyl Orange Alkalinity (as CaCO <sub>3</sub> ) | 6.11    | mg/L  | -                                     | IS 3025 (Part 23): 1986, Reaffirmed 2003, Amds.1   |
| 13.     | Total Hardness (as CaCO <sub>3</sub> )           | 4.12    | mg/L  | Max. 300                              | APHA, 21 <sup>st</sup> Ed., 2005, 2340 C, 2-37     |
| 14.     | Calcium (as Ca)                                  | 0.85    | mg/L  | Max. 200                              | APHA, 21 <sup>st</sup> Ed., 2005, 3500-B, 3-65     |
| 15.     | Magnesium (as Mg)                                | 0.41    | mg/L  | Max. 100                              | APHA, 21 <sup>st</sup> Ed., 2005, 3500-Mg, B, 3-84 |
| 16.     | Arsenic (as As)                                  | <0.01   | mg/L  | Max. 0.05                             | IS 3025(Part 2): 2004                              |
| 17.     | Cadmium (as Cd)                                  | N.D.    | mg/L  | Max. 0.01                             | IS 3025(Part 2): 2004                              |
| 18.     | Chromium (as Cr)                                 | N.D.    | mg/L  | Max. 0.05                             | IS 3025(Part 2): 2004                              |
| 19.     | Copper (as Cu)                                   | N.D.    | mg/L  | Max. 1.5                              | IS 3025(Part 2): 2004                              |
| 20.     | Iron (as Fe - dissolved)                         | 0.21    | mg/L  | Max. 0.3                              | APHA, 21 <sup>st</sup> Ed., 2005, 3111-B, 3-17     |
| 21.     | Iron (as Fe - suspended)                         | N.D.    | mg/L  | -                                     | APHA, 21 <sup>st</sup> Ed., 2005, 3111-B, 3-17     |
| 22.     | Lead (as Pb)                                     | N.D.    | mg/L  | Max. 0.05                             | IS 3025(Part 2): 2004                              |
| 23.     | Manganese (as Mn)                                | N.D.    | mg/L  | Max. 0.3                              | IS 3025(Part 2): 2004                              |
| 24.     | Mercury (as Hg)                                  | N.D.    | mg/L  | Max. 0.001                            | IS 3025(Part 2): 2004                              |
| 25.     | Selenium (as Se)                                 | N.D.    | mg/L  | Max. 0.01                             | IS 3025(Part 2): 2004                              |
| 26.     | Zinc (as Zn)                                     | N.D.    | mg/L  | Max. 5                                | IS 3025(Part 2): 2004                              |
| 27.     | Nickel (as Ni)                                   | N.D.    | mg/L  | -                                     | IS 3025(Part 2): 2004                              |



# Mahabal Enviro Engineers Pvt. Ltd.

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**Report No. ME/NS/00131359/11.04.30/SA/Indiabulls/Nashik Cont...**

| Sr. No.                         | Parameters                              | Results | Units    | Desirable Limit as per IS 10500: 1991 | Method Reference   |
|---------------------------------|---|---------|----------|---------------------------------------|--|
| 28.                             | Barium                                  | N.D.    | mg/L     | -                                     | IS 3025(Part 2): 2004  |
| 29.                             | Sodium (as Na)                          | 5.1     | mg/L     | -                                     | IS 3025 (Part 45):1993, Reaffirmed 2009, Amds.1                            |
| 30.                             | Potassium (as K)                        | 0.2     | mg/L     | -                                     | IS 3025( Part 45): 1993, Reaffirmed 2009                                   |
| 31.                             | Chloride (as Cl)                        | 8.12    | mg/L     | Max. 250                              | APHA, 21 <sup>st</sup> Ed., 2005, 4500-Cl, B, 4-70                         |
| 32.                             | Sulphate (as SO <sub>4</sub> )          | 3.12    | mg/L     | Max. 200                              | IS 3025 (Part 24):1986, Reaffirmed 2009                                    |
| 33.                             | Fluoride (as F)                         | N.D.    | mg/L     | Max. 1                                | APHA, 21 <sup>st</sup> Ed., 2005, 4500-F, D, 4-85                          |
| 34.                             | Phosphate (as PO <sub>4</sub> )         | N.D.    | mg/L     | -                                     | APHA, 21 <sup>st</sup> Ed., 2005, 4500 P, E, 4-153                         |
| 35.                             | Nitrate (as NO <sub>3</sub> )           | <1      | mg/L     | Max. 45                               | APHA, 21 <sup>st</sup> Ed., 2005, 4500-NO <sub>3</sub> , B -4 -120         |
| 36.                             | Dissolved Silica (as SiO <sub>2</sub> ) | 0.03    | mg/L     | -                                     | APHA, 21 <sup>st</sup> Ed., 2005, 4500-SiO <sub>2</sub> , D, 4-167         |
| 37.                             | Hydrogen Sulphide (as H <sub>2</sub> S) | N.D.    | mg/L     | -                                     | APHA, 21 <sup>st</sup> Ed., 2005, 4500 - S <sup>2</sup> , C-4-173, F-4-176 |
| 38.                             | Carbon Dioxide                          | 2.15    | mg/L     | -                                     | APHA, 21 <sup>st</sup> Ed., 2005, 4500- CO <sub>2</sub> , C,4-33           |
| 39.                             | KMnO <sub>4</sub> value at 25°C         | N.D.    | mg/L     | -                                     | IS 1070:1992, R Reaffirmed 2003  |
| <b>Microbiological Analysis</b> |   |         |          |                                       |  |
| 40.                             | Total Coliforms                         | Absent  | /100 ml  | Absent                                | APHA, 21 <sup>st</sup> Ed., 2005, 9221-D, 9-55                             |
| 41.                             | <i>E. coli</i>                          | Absent  | / 100 ml | Absent                                | APHA, 21 <sup>st</sup> Ed., 2005, 9221-F, 9-58                             |
| N.D.: Not Detected.             |   |         |          |                                       |  |

-----End-----

for **Mahabal Enviro Engineers Pvt. Ltd.**

  
Harish Mendhi  
Technical Manager  
**AUTHORISED SIGNATORY**



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.