



**KERALA WATER AUTHORITY**  
**QUALITY CONTROL DISTRICT LABORATORY, CHERUTHONY, IDUKKI**  
**Mob: 9447747257**

**REPORT ON ANALYSIS OF WATER**

Address: The Manager  
 Rosemead International Public School  
 Kanjikuzhi  
 Alpara P. O

Phone: 9495079413

Receipt No: 0417932

Date of Receipt: 2-11-2020

Date of Collection: 2-11-2020

Date of Testing: From 2-11--2020 To 3-11-2020

Source: Well

9-11-2020

| Sl No.                          | Characteristics                     | Unit              | Desireble limit as per IS. 10500: 2012 | Actual contents |
|---------------------------------|-------------------------------------|-------------------|--|-----------------|
| 1                               | Colour                              | Hazen/Pt.Co.Units | 5                                      | 5               |
| 2                               | Odour                               |                   | Agreable                               | Agreable        |
| 3                               | Turbidity(NTU)                      | NTU               | 1.00                                   | 0.10            |
| 4                               | p <sup>H</sup>                      |                   | 6.50 - 8.50                            | 5.79            |
| 5                               | Electrical Conductivity             | µs/cm             |  | 34.10           |
| 6                               | Acidity                             | mg/litre          |  | 21.00           |
| 7                               | Alakalinity                         | mg/litre          | 200.00                                 | 22.00           |
| 8                               | Sulphate (SO <sub>4</sub> )         | mg/litre          | 200.00                                 | BDL             |
| 9                               | Total Disolved Solids(TDS)          | mg/litre          | 500.00                                 | 17.0000         |
| 10                              | Total Hardness (CaCO <sub>3</sub> ) | mg/litre          | 200.00                                 | 18.0000         |
| 11                              | Calcium(Ca)                         | mg/litre          | 75.00                                  | 4.0080          |
| 12                              | Magnesium(Mg)                       | mg/litre          | 30.00                                  | 1.9440          |
| 13                              | Chloride(Cl)                        | mg/litre          | 250.00                                 | 9.9600          |
| 14                              | Fluoride(F)                         | mg/litre          | 1.00                                   | BDL             |
| 15                              | Iron(Fe)                            | mg/litre          | 1.00                                   | 0.05            |
| 16                              | Nitrate(NO <sub>3</sub> )           | mg/litre          | 45.00                                  | 0.3010          |
| <b>BACTERIOLOGICAL ANALYSIS</b> |                                     |                   |  |                 |
| 17                              | Total Coliform                      | cfu/100ml         |  | Present         |
| 18                              | <i>E. coli</i>                      | cfu/100ml         |  | Absent          |

BDL: Below detectable limit

Remarks: P<sup>H</sup> is low, Total coliform present

*Shaji P.*

SHAJI P. JOHN  
 MANAGER

ROSEMEAD INTERNATIONAL SCHOOL  
 IDUKKI - KANJIKUZHY  
 ALPARA P.O. Pin - 685 606

*Shaji P.*  
 ASSISTANT ENGINEER

ASSISTANT ENGINEER  
 Quality Control District Lab,  
 Kerala Water Authority  
 Cheruthony-Idukki-685 602

*Binuraju Augustin*  
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