**Yer osti ichimlik suvi JSST va O‘zbekiston Milliy standarti bo‘yicha quyidagi diapazonlarda bo‘lishi kerak**

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| **№** | **Emperik formulasi** | **O‘lchanayotgan ko’rsatkich nomi** | **The name of the indicator being measured** | **Diapazonlar**  **(Ranges)** | **O‘lchov birligi**  **(Unit of measure)** |
| 1 | рН | Vodorod - ko‘rsatkichi | pH distribution | 6 − 9 | pH |
| 2 | OA of KMnO₄ | Kaliy permanganatli oksidlanish qobilyati | Oxidizing ability of KMnO₄ | 0 − 5 | mg/l |
| 3 | NO₃⁻ | Nitrat | Nitrate | 0 − 45 | mg/l |
| 4 | TH | Umumiy qattiqligi | Total hardness | 4 − 10 | mg-ekv/l |
| 5 | TDS | Umumiy minerallanishi (quruq qoldik) | Total dissolved solids | 250 − 1500 | mg/l |
| 6 | Cl⁻ | Xlorid | Chloride | 0 − 350 | mg/l |
| 7 | SO₄²⁻ | Sulfat | Sulfate | 0 − 500 | mg/l |
| 8 | Fe²⁺ | Temir | Iron | 0 − 0.3 | mg/l |
| 9 | F⁻ | Ftor | Fluoride | 0 − 0.7 | mg/l |
| 10 | Cu²⁺ | Mis | Copper | 0 − 1 | mg/l |

**“Dinamik Vaznsiz o‘rtacha Suvning Sifat Indeksini (WQI)” bo‘yicha suv sifatining tasniflanishi**

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| **WQI** | **Interpretation** |
| Yaxshi  *(Good)*  (81-100) | Bu toifadagi suv a’lo darajadagi sifatga ega bo‘lib, yer yuzasidagi mavjud tashkilotlar tomonidan tavsiya etilgan inson iste’moli uchun barcha xavfsizlik standartlariga javob beradi.  *Water quality is excellent. Water in this category meets all safety standards recommended for human consumption by organizations worldwide.* |
| O‘rtacha  *(Fair)*  (51-80) | Bu toifadagi suv o‘rtacha sifatga mansub bo‘lib, inson iste’moli uchun umuman xavfsiz, lekin kichik muammolarni hal qilish uchun ba’zi suv sifatini yaxshilash uchun chora-tadbirlar amalga oshirilishini talab qilishi mumkin.  *Water quality is fair, generally safe for human consumption but may require some treatment to address minor issues.* |
| Qoniqarli  *(Marginal)*  (30-50) | Bu toifadagi suv qoniqarli sifat darajasiga ega bo‘lib, suv organizmlari va ekosistemalar uchun qisman talabga javob beradi, lekin inson iste’moli uchun jiddiy ishlov berishni talab qilishi mumkin.  *Water quality is marginal. This type of water partially meets the needs of aquatic organisms and ecosystems, but it requires serious measures to improve water quality for human consumption.* |
| Foydalanishga yaroqsiz  *(Poor)*  (0-29) | Bu toifadagi suv foydalanishga yaroqsiz bo‘lib, tolerant organizmlar uchun mos bo‘lishi mumkin, lekin sezgir organizmlar va agro-ekosistemalarning suvga bo‘lgan ehtiyojini qondirishda foydalanish uchun qat’iy chora-tadbirlarni amalga oshirishni talab qiladi.  *Water quality is poor or unsuitable. Water in this category may support tolerant organisms, but strict measures are needed to enhance water quality for sensitive organisms and agro-ecosystems.* |

**Dinamik Vaznsiz o‘rtacha Suvning Sifat Indeksini (WQI) avtomat hisoblash tizimidan olingan natijalar**

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| **№** | **Ko‘rsatkichlar** | **Diapazonlar** | **WQI** |
| 1 | рН |  |  |
| 2 | OA of KMnO₄ |  |
| 3 | NO₃⁻ |  |
| 4 | TH |  |
| 5 | TDS |  |
| 6 | Cl⁻ |  |
| 7 | SO₄²⁻ |  |
| 8 | Fe²⁺ |  |
| 9 | F⁻ |  |
| 10 | Cu²⁺ |  |