

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

| № | Emperik formulasi | O‘lchanayotgan ko‘rsatkich nomi | The name of the indicator being measured | Diapazonlar (Ranges) | O‘lchov birligi (Unit of measure) |
|----|-------------------------------|--|--|----------------------|-----------------------------------|
| 1 | pH | Vodorod - ko‘rsatkichi | pH distribution | 6 – 9 | pH |
| 2 | OA of KMnO ₄ | Kaliy permanganatli oksidlanish qobiliyati | Oxidizing ability of KMnO ₄ | 0 – 5 | mg/l |
| 3 | NO ₃ ⁻ | 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 | SO ₄ ²⁻ | Sulfat | Sulfate | 0 – 500 | mg/l |
| 8 | Fe ²⁺ | Temir | Iron | 0 – 0.3 | mg/l |
| 9 | F ⁻ | Ftor | Fluoride | 0 – 0.7 | mg/l |
| 10 | Cu ²⁺ | Mis | Copper | 0 – 1 | mg/l |

“Dinamik Vaznsiz o‘rtacha Suv Sifati Indeksi (WQI)” bo‘yicha suv sifatining tasniflanishi

| 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. <i>Water quality is excellent. Water in this category meets all safety standards recommended for human consumption by organizations worldwide.</i> |
| 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. <i>Water quality is fair, generally safe for human consumption but may require some treatment to address minor issues.</i> |
| 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. <i>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.</i> |
| 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. <i>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.</i> |

Dinamik Vaznsiz o‘rtacha Suv Sifati Indeksi (WQI) avtomat hisoblash tizimidan olingan natijalar

| № | Ko‘rsatkichlar | Diapazonlar | WQI |
|----|-------------------------------|-------------|-----|
| 1 | pH | | |
| 2 | OA of KMnO ₄ | | |
| 3 | NO ₃ ⁻ | | |
| 4 | TH | | |
| 5 | TDS | | |
| 6 | Cl ⁻ | | |
| 7 | SO ₄ ²⁻ | | |
| 8 | Fe ²⁺ | | |
| 9 | F ⁻ | | |
| 10 | Cu ²⁺ | | |