

## Rezultati monitoringa svih pokazatelja kvalitete vode za 2020. godinu na opskrbnom području Koprivničkih voda

| Lokacija uzorkovanja                                    | Ivanščak Z1 | IvanščakB5 | Lipovec ZL2 | Ivanščak zbirni | VS Starigrad | VS Močile  | VS Starigrad | Ivanščak zbirni | VS Močile  |
|---------------------------------------------------------|-------------|------------|-------------|-----------------|--------------|------------|--------------|-----------------|------------|
| Datum uzorkovanja                                       | 28.9.2020.  | 11.5.2020. | 11.5.2020.  | 15.7.2020.      | 19.8.2020.   | 28.9.2020. | 29.6.2020.   | 11.11.2020.     | 11.2.2020. |
| 1,2-dikloretnan ( $\mu\text{g/l}$ )                     | <1          | <1         | <1          | <1              | <1           | <1         | <1           | <1              | <1         |
| 2,4-D ( $\mu\text{g/l}$ )                               | <0.02       | <0.02      | <0.02       | <0.02           | <0.02        | <0.02      | <0.02        | <0.02           | <0.02      |
| 2,6-diklorbenzamid ( $\mu\text{g/l}$ )                  | <0.02       | <0.02      | <0.02       | <0.02           | <0.02        | <0.02      | <0.02        | <0.02           | <0.02      |
| Acetoklor ( $\mu\text{g/l}$ )                           | <0.01       | <0.01      | <0.01       | <0.01           | <0.01        | <0.01      | <0.01        | <0.01           | <0.01      |
| Acetoklor ESA ( $\mu\text{g/l}$ )                       | <0.05       | <0.05      | <0.05       | <0.05           | <0.05        | <0.05      | <0.05        | <0.05           | <0.05      |
| Acetoklor OXA ( $\mu\text{g/l}$ )                       | <0.01       | <0.01      | <0.01       | <0.01           | <0.01        | <0.01      | <0.01        | <0.01           | <0.01      |
| Aluminij ukupni ( $\mu\text{g/l}$ )                     | <5          | 6          | <5          | <5              | <5           | <5         | 5,4          | <5              | 27,4       |
| Amonij ( $\text{mgNH}_4^+/\text{l}$ )                   | <0.2        | <0.2       | <0.2        | <0.2            | <0.2         | <0.2       | <0.2         | <0.2            | <0.2       |
| Antimon ukupni ( $\mu\text{g/l}$ )                      | <0.27       | <0.27      | <0.27       | <0.27           | <0.27        | <0.27      | <0.27        | <0.27           | <0.27      |
| Arsen ukupni ( $\mu\text{g/l}$ )                        | <1          | <1         | <1          | <1              | <1           | <1         | <1           | <1              | <1         |
| Atrazin ( $\mu\text{g/l}$ )                             | 0,013       | <0.01      | <0.01       | <0.01           | <0.01        | 0,016      | <0.01        | 0,02            | <0.01      |
| Azoksistrobin ( $\mu\text{g/l}$ )                       | <0.05       | <0.05      | <0.05       | <0.05           | <0.05        | <0.05      | <0.05        | <0.05           | <0.05      |
| Bakar ukupni ( $\text{mg/l}$ )                          | <0.1        | <0.1       | <0.1        | <0.1            | <0.1         | <0.1       | <0.1         | <0.1            | <0.1       |
| Barij ukupni ( $\mu\text{g/l}$ )                        | 13,3        | 67,1       | 12,1        | 65,3            | 12           | 60,4       | 12,7         | 51,4            | 54,5       |
| Bentazon ( $\mu\text{g/l}$ )                            | <0.03       | <0.03      | <0.03       | <0.03           | <0.03        | <0.03      | <0.03        | <0.03           | <0.03      |
| Benzen ( $\mu\text{g/l}$ )                              | <0.2        | <0.2       | <0.2        | <0.2            | <0.2         | <0.2       | <0.2         | <0.2            | <0.2       |
| Benzo(a)piren ( $\mu\text{g/l}$ )                       | <0.003      | <0.003     | <0.003      | <0.003          | <0.003       | <0.003     | <0.003       | <0.003          | <0.01      |
| Berilij ukupni ( $\mu\text{g/l}$ )                      | <0.14       | <0.14      | <0.14       | <0.14           | <0.14        | <0.14      | <0.14        | <0.14           | <0.14      |
| Boja ( $\text{mg/l Pt/Co}$ )                            | <5          | <5         | <5          | <5              | <5           | <5         | <5           | <5              | <5         |
| Bor ukupni ( $\text{mg/l}$ )                            | <0.00058    | <0.00058   | <0.00058    | 0,023           | 0,0055       | <0.00058   | 0,0033       | 0,017           | 0,02       |
| Broj kolonija 22°C (broj/1 ml 22°)                      | 0           | 0          | 99          | 0               | 0            | 0          | 0            | 0               | 78         |
| Broj kolonija 36 °C (broj/1 ml 36°)                     | 0           | 0          | 0           | 0               | 36           | 0          | 0            | 0               | 0          |
| Bromacil ( $\mu\text{g/l}$ )                            | <0.01       | <0.01      | <0.01       | <0.01           | <0.01        | <0.01      | <0.01        | <0.01           | <0.01      |
| Bromati ( $\mu\text{g/l}$ )                             | <2          | <2         | <2          | <2              | <2           | <2         | <2           | <2              | <2         |
| Cijanidi ukupni ( $\mu\text{g/l}$ )                     | <15         | <10        | <10         | <15             | <15          | <15        | <10          | <15             | <10        |
| Cink ukupni ( $\mu\text{g/l}$ )                         | 242         | 91         | 71          | 34              | 110          | 130        | 20           | 275             | 289        |
| Deisopropil atrazin ( $\mu\text{g/l}$ )                 | <0.02       | <0.02      | <0.02       | <0.02           | <0.02        | <0.02      | <0.02        | <0.02           | <0.02      |
| Desetil 2-hidroksi atrazin ( $\mu\text{g/l}$ )          | <0.03       | <0.03      | <0.03       | <0.03           | <0.03        | <0.03      | <0.03        | <0.03           | <0.03      |
| Desetil atrazin ( $\mu\text{g/l}$ )                     | <0.03       | <0.03      | <0.03       | <0.03           | <0.03        | <0.03      | <0.03        | <0.03           | <0.03      |
| Desetil deisopropil atrazin (DEDIA) ( $\mu\text{g/l}$ ) | <0.02       | <0.02      | <0.02       | <0.02           | <0.02        | <0.02      | <0.02        | <0.02           | <0.02      |
| Desetil terbutilazin ( $\mu\text{g/l}$ )                | <0.03       | <0.03      | <0.03       | <0.03           | <0.03        | <0.03      | <0.03        | <0.03           | <0.03      |
| Desmetil izoproturon ( $\mu\text{g/l}$ )                | <0.02       | <0.02      | <0.02       | <0.02           | <0.02        | <0.02      | <0.02        | <0.02           | <0.02      |
| Detergenti anionski ( $\mu\text{g/l}$ )                 | 136         | 182        | 176         | 167             | 127          | 130        | 80           | 80              | <50        |

[illegible]

|                                                   |            |            |            |            |            |            |            |            |            |
|---------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Metolaklor ESA (µg/l)                             | <0.05      | <0.05      | <0.05      | <0.05      | <0.05      | <0.05      | <0.05      | <0.05      | <0.05      |
| Metolaklor OXA (µg/l)                             | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      |
| Metribuzin (µg/l)                                 | <0.05      | <0.05      | <0.05      | <0.05      | <0.05      | <0.05      | <0.05      | <0.05      | <0.05      |
| Miris (nema)                                      | Bez mirisa | Bez mirisa | Bez mirisa | Bez mirisa | Bez mirisa | Bez mirisa | Bez mirisa | Bez mirisa | Bez mirisa |
| Mutnoća (NTU)                                     | 0,28       | 0,11       | 0,15       | 0,31       | 0,44       | 0,3        | 0,24       | 0,19       | 0,27       |
| Natrij (mg/l)                                     | 14         | 16         | 5,8        | 14         | 6          | 14         | 5,8        | 13         | 13         |
| Nikal ukupni (µg/l)                               | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | 2,7        |
| Nitrati - revizijski i izvorišni (mg/l)           | 31         | 28         | 16         | 33         | 25         | 30         | 17         | 33         | 30         |
| Nitriti (mg/l)                                    | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       |
| Okus (nema)                                       | Bez okusa  | Bez okusa  | Bez okusa  | Bez okusa  | Bez okusa  | Bez okusa  | Bez okusa  | Bez okusa  | Bez okusa  |
| Olovo ukupno (µg/l)                               | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         |
| Omestoat (µg/l)                                   | <0.03      | <0.03      | <0.03      | <0.03      | <0.03      | <0.03      | <0.03      | <0.03      | <0.03      |
| Pendimetalin (µg/l)                               | <0.02      | <0.02      | <0.02      | <0.02      | <0.02      | <0.02      | <0.02      | <0.02      | <0.02      |
| Pesticidi ukupni (µg/l)                           | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       |
| Pirimifos (-metil) (µg/l)                         | <0.03      | <0.03      | <0.03      | <0.03      | <0.03      | <0.03      | <0.03      | <0.03      | <0.03      |
| Policiklički aromatski ugljikovodici (PAH) (µg/l) | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      |
| Propineb (µg/l)                                   | <0.04      | <0.04      | <0.04      | <0.04      | <0.04      | <0.04      | <0.04      | <0.04      | <0.04      |
| Prosulfokarb (µg/l)                               | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      |
| Pseudomonas aeruginosa (broj/100 ml)              |            |            |            | 0          | 0          | 0          | 0          | 0          | 0          |
| Rezidualni klor slobodni (mg/l)                   |            |            |            | 0,17       | 0,15       | 0,12       | 0,21       | 0,16       | 0,12       |
| Selen ukupni (µg/l)                               | <3         | <3         | <3         | <3         | <3         | <3         | <3         | <3         | <3         |
| Silikati otopljeni (mg/l)                         | 24,6       | 22,1       | 19,6       | 22,4       | 20,3       | 25,8       | 16,1       | 23,4       | 25,6       |
| Simazin (µg/l)                                    | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      |
| S-metolaklor (µg/l)                               | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      |
| Srebro ukupno (µg/l)                              | <0.03      | <0.03      | <0.03      | <0.03      | <0.03      | <0.03      | <0.03      | <0.03      | <0.03      |
| Sulfati (mg/l)                                    | 22         | 29         | 12         | 24         | 14         | 25         | 13         | 25         | 24         |
| Suma tetrakloreten i trikloreten (µg/l)           | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         |
| Tebukonazol (µg/l)                                | <0.02      | <0.02      | <0.02      | <0.02      | <0.02      | <0.02      | <0.02      | <0.02      | <0.02      |
| Temperatura vode (°C)                             | 13,6       | 12,9       | 12,7       | 14,9       | 15,2       | 15         | 15,1       | 13,4       | 11,1       |
| Terbutilazin (µg/l)                               | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      |
| Tiofanat metil (µg/l)                             | <0.02      | <0.02      | <0.02      | <0.02      | <0.02      | <0.02      | <0.02      | <0.02      | <0.02      |
| Trihalometani ukupni (µg/l)                       |            |            |            | <1         | <1         | <1         | <1         | <1         | <1         |
| Tvrdoća ukupna (mg/l)                             | 277        | 263        | 261        | 266,8      | 260,8      | 292        | 259,2      | 268        | 292        |
| Ugljikovodici (µg/l)                              | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <2         |
| Ukupne suspendirane tvari (mg/l)                  | <2         | <2         | <2         | <2         | <2         | <2         | <2         | <2         | <2         |
| Ukupni broj koliformnih bakterija (broj/100 ml)   | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| Utrošak KMnO4 (mg/l)                              |            |            |            | 0,23       | 0,22       | 0,24       | 0,3        | 0,2        | 0,26       |
| Vanadij ukupni (µg/l)                             | <0.02      | 0,118      | 0,107      | 0,026      | <0.02      | <0.02      | 0,066      | 0,178      | <0.02      |
| Vodikov sulfid (mg/l)                             | <0.05      | <0.05      | <0.05      | <0.05      | <0.05      | <0.05      | <0.05      | <0.05      | <0.05      |
| Željezo ukupno (µg/l)                             | 181,5      | 125,3      | 86,8       | 63,7       | 68,8       | 190,6      | 81,7       | 70,3       | 70,4       |
| Živa ukupna (µg/l)                                | <0.6       | <0.6       | <0.6       | <0.6       | <0.6       | 0,6        | <0.6       | <0.6       | <0.6       |
| Ocjena ispravnosti uzorka                         | Ispravan   | Ispravan   | Ispravan   | Ispravan   | Ispravan   | Ispravan   | Ispravan   | Ispravan   | Ispravan   |