

Käyttötarkkailu Pinsiön pohjavesilaitoksella 2022

|                                      |           | Raakavesi |          |         |         | Käsitelty vesi |                      |       |       |
|--------------------------------------|-----------|-----------|----------|---------|---------|----------------|----------------------|-------|-------|
|                                      |           | kpl       | ka       | max     | min     | kpl            | ka                   | max   | min   |
| Lämpötila                            | °C        | 15        | 6.1      | 6.9     | 5.9     | 53             | 6.1                  | 7.2   | 5.9   |
| pH-luku                              |           | 16        | 6.7      | 7.0     | 6.4     | 53             | 7.9                  | 8.2   | 7.7   |
| Sameus                               | NTU       | 16        | 0.06     | 0.07    | 0.05    | 52             | 0.06                 | 0.1   | 0.05  |
| Alkaliteetti                         | mmol/l    | 4         | 0.41     | 0.42    | 0.41    | 7              | 0.80                 | 0.93  | 0.68  |
| Org. kokonaishiili                   | mg/l      | 4         | 0.63     | 0.65    | 0.61    | 7              | 0.64                 | 0.84  | 0.56  |
| Rauta, Fe                            | mg/l      | 4         | <0.02    | <0.02   | <0.02   | 7              | <0.02                | <0.02 | <0.02 |
| Mangaani, Mn                         | mg/l      | 4         | <0.01    | <0.01   | <0.01   | 7              | <0.01                | <0.01 | <0.01 |
| Sähkönjohtavuus 25 °C                | mS/m      | 4         | 10       | 12      | 8.2     | 7              | 14                   | 17.8  | 11    |
| Väri                                 | mgPt/l    | 4         | <2.5     | <2.5    | <2.5    | 7              | <2.5                 | <2.5  | <2.5  |
| Vapaa kloori                         | mg/l      |           |          |         |         | 52             | 0.15                 | 0.18  | 0.11  |
| Kokonaiskloori                       | mg/l      |           |          |         |         | 52             | 0.18                 | 0.23  | 0.15  |
| Kokonaiskovuus                       | °dH       | 4         | 1.7      | 2       | 1.4     | 7              | 1.8                  | 2     | 1.4   |
| Kokonaiskovuus                       | mmol/l    | 4         | 0.31     | 0.36    | 0.25    | 7              | 0.32                 | 0.36  | 0.25  |
| Bikarbonaatti                        | mg/l      | 4         | 25       | 26      | 25      | 7              | 49                   | 57    | 41    |
| Kalsium, Ca                          | mg/l      | 4         | 8.3      | 10      | 6.8     | 6              | 8.9                  | 10    | 7.5   |
| Magnesium, Mg                        | mg/l      | 4         | 1.7      | 1.9     | 1.5     | 6              | 2.8                  | 3     | 2.4   |
| Alumiini, Al                         | mg/l      | 4         | <0.02    | <0.02   | <0.02   | 7              | <0.02                | <0.02 | <0.02 |
| Kalium, K                            | mg/l      | 4         | 1.7      | 1.9     | 1.5     | 6              | 1.8                  | 1.9   | 1.5   |
| Natrium, Na                          | mg/l      | 4         | 4.9      | 6.7     | 3.8     | 6              | 15                   | 19    | 11    |
| Kloridi                              | mg/l      | 4         | 9.2      | 14      | 5.1     | 7              | 9.9                  | 14    | 5.3   |
| Fluoridi                             | mg/l      | 4         | 0.08     | 0.09    | 0.08    | 7              | 0.08                 | 0.1   | <0.05 |
| Sulfaatti                            | mg/l      | 4         | 9        | 11      | 7       | 7              | 9                    | 11    | 7     |
| Pii                                  | mg/l      |           |          |         |         | 2              | 6.1                  | 6.3   | 5.9   |
| Silikaatti, SiO <sub>2</sub>         | mg/l      |           |          |         |         | 2              | 13                   | 14    | 13    |
| Happi                                | mg/l      | 4         | 11       | 11      | 9.95    | 7              | 11                   | 11    | 10    |
| Hiilidioksidi                        | mg/l      | 4         | 13       | 17      | 8       | 7              | 1.6                  | 1.9   | <1    |
| Nitraatti                            | mg/l      | 4         | 5        | 8       | 3       | 7              | 5.3                  | 8.0   | 2.3   |
| Nitriitti                            | µg/l      | 4         | <3       | <3      | <3      | 6              | <3                   | <3    | <3    |
| Ammonium                             | µg/l      | 4         | 1.2      | 1.3     | 1       | 7              | 1.6                  | 4     | <1    |
| Kokonaisfosfori                      | µg/l      | 4         | <2       | <2      | <2      | 6              | <2                   | <2    | <2    |
| Fosfaattifosfori, PO <sub>4</sub> -P | µg/l      | 4         | <2       | <2      | <2      | 6              | <2                   | <2    | <2    |
| Haju                                 |           |           |          |         |         | 48             | ei epätav. muutoksia |       |       |
| Maku                                 |           |           |          |         |         | 48             | ei epätav. muutoksia |       |       |
| Koliformiset bakteerit               | pmy/100ml | 4         | 0.0      | 0.0     | 0.0     | 52             | 0.0                  | 0.0   | 0.0   |
| Pesäkeluku 22°C 3d                   | pmy/ml    | 4         | 0        | 0       | 0       | 7              | 0                    | 1     | 0     |
| Pesäkeluku 37°C 2d                   | pmy/ml    | 4         | 0        | 0       | 0       | 52             | 0                    | 1     | 0     |
| Hiivat 25° C                         | CFU/100ml | 4         | 0        | 0       | 0       | 2              | 0                    | 0     | 0     |
| Homeet 25° C                         | CFU/100ml | 4         | 1        | 2       | 2       | 2              | 5                    | 9     | 1     |
| Arseeni, As                          | µg/l      | 1         | < 0.1    | < 0.1   | < 0.1   |                |                      |       |       |
| Antimoni, Sb                         | µg/l      | 1         | < 0.3    | < 0.3   | < 0.3   |                |                      |       |       |
| Barium, Ba                           | µg/l      | 1         | 8.5      | 8.5     | 8.5     |                |                      |       |       |
| Kadmium, Cd                          | µg/l      | 1         | < 0.08   | < 0.08  | < 0.08  |                |                      |       |       |
| Kromi, Cr                            | µg/l      | 1         | <2       | < 2     | < 2     |                |                      |       |       |
| Kupari, Cu                           | µg/l      | 1         | 8.8      | 8.8     | 8.8     |                |                      |       |       |
| Elohopea, Hg                         | µg/l      | 1         | <0.005   | < 0.005 | < 0.005 |                |                      |       |       |
| Lyijy, Pb                            | µg/l      | 1         | <0.1     | < 0.1   | < 0.1   |                |                      |       |       |
| Seleen, Se                           | µg/l      | 1         | < 0.2    | < 0.2   | < 0.2   |                |                      |       |       |
| Sinkki, Zn                           | µg/l      | 1         | 5.5      | 5.5     | 5.5     |                |                      |       |       |
| VOC-yhdisteet                        |           | 4         | <10/100  |         |         | 6              | <10/100              |       |       |
| Torjunta-aineet                      |           | 3         | <0.1/0.5 |         |         | 2              | <0.1/0.5             |       |       |