

**İÇME SUYU ARITMA TESİSLERİ AYLIK ORTALAMA ANALİZ RAPORU - NİSAN 2020**

| Parametre                          | Birim               | İnsani Tüketim Amaçlı Sular Hakkında Yönetmelik | Ömerli |        |        |        | Cumhuriyet | Elmalı | Kağıthane |        | İkitelli |        | Taşoluk | Büyükkçekmece |
|------------------------------------|---------------------|---|--------|--------|--------|--------|------------|--------|-----------|--------|----------|--------|---------|---------------|
|                                    |                     |   | 1      | 2      | 3      | 4      |            |        | 1         | 2      | 1        | 2      |         |               |
| <b>MİKROBİYOLOJİK PARAMETRELER</b> |                     |   |        |        |        |        |            |        |           |        |          |        |         |               |
| Koliform Bakteri                   | kob/100ml           | 0   | 0      | 0      | 0      | 0      | 0          | 0      | 0         | 0      | 0        | 0      | 0       | 0             |
| E.coli                             | kob/100ml           | 0   | 0      | 0      | 0      | 0      | 0          | 0      | 0         | 0      | 0        | 0      | 0       | 0             |
| Enterokok                          | kob/100ml           | 0   | 0      | 0      | 0      | 0      | 0          | 0      | 0         | 0      | 0        | 0      | 0       | 0             |
| C.perfringens (Sporlar Dahil)      | kob/100ml           | 0   | 0      | 0      | 0      | 0      | 0          | 0      | 0         | 0      | 0        | 0      | 0       | 0             |
| <b>KİMYASAL PARAMETRELER</b>       |                     |   |        |        |        |        |            |        |           |        |          |        |         |               |
| Akrilamid                          | µg/L                | 0,1   | <0,02  | <0,02  | <0,02  | <0,02  | <0,02      | <0,02  | <0,02     | <0,02  | <0,02    | <0,02  | <0,02   | <0,02         |
| Antimon                            | µg/L                | 5,0   | <2,0   | <2,0   | <2,0   | <2,0   | <2,0       | <2,0   | <2,0      | <2,0   | <2,0     | <2,0   | <2,0    | <2,0          |
| Arsenik                            | µg/L                | 10  | <2,0   | <2,0   | <2,0   | <2,0   | <2,0       | <2,0   | <2,0      | <2,0   | <2,0     | <2,0   | <2,0    | <2,0          |
| Benzen                             | µg/L                | 1   | <1     | <1     | <1     | <1     | <1         | <1     | <1        | <1     | <1       | <1     | <1      | <1            |
| Benzo (a) piren                    | µg/L                | 0,01  | <0,005 | <0,005 | <0,005 | <0,005 | <0,005     | <0,005 | <0,005    | <0,005 | <0,005   | <0,005 | <0,005  | <0,005        |
| Bor                                | mg/L                | 1   | 0,03   | 0,03   | 0,03   | 0,02   | 0,03       | 0,04   | 0,07      | 0,03   | 0,03     | 0,02   | 0,02    | 0,08          |
| Bromat                             | µg/L                | 10  | <2,0   | <2,0   | <2,0   | <2,0   | <2,0       | <2,0   | <2,0      | <2,0   | <2,0     | <2,0   | <2,0    | <2,0          |
| Kadmiyum                           | µg/L                | 5   | <2,0   | <2,0   | <2,0   | <2,0   | <2,0       | <2,0   | <2,0      | <2,0   | <2,0     | <2,0   | <2,0    | <2,0          |
| Krom                               | µg/L                | 50  | <2,0   | <2,0   | <2,0   | <2,0   | <2,0       | <2,0   | <2,0      | <2,0   | <2,0     | <2,0   | <2,0    | <2,0          |
| Bakır                              | mg/L                | 2   | <0,01  | <0,01  | <0,01  | <0,01  | <0,01      | <0,01  | <0,01     | <0,01  | <0,01    | <0,01  | <0,01   | <0,01         |
| Siyanür                            | µg/L                | 50  | <30    | <30    | <30    | <30    | <30        | <30    | <30       | <30    | <30      | <30    | <30     | <30           |
| 1,2-dikloreten                     | µg/L                | 3   | <1     | <1     | <1     | <1     | <1         | <1     | <1        | <1     | <1       | <1     | <1      | <1            |
| Epikloridin                        | µg/L                | 0,1   | <0,05  | <0,05  | <0,05  | <0,05  | <0,05      | <0,05  | <0,05     | <0,05  | <0,05    | <0,05  | <0,05   | <0,05         |
| Florür                             | mg/L                | 1,5   | 0,06   | 0,07   | 0,07   | 0,09   | 0,07       | 0,08   | 0,09      | 0,08   | 0,08     | 0,07   | 0,06    | 0,19          |
| Kurşun                             | µg/L                | 10  | <2,0   | <2,0   | <2,0   | <2,0   | <2,0       | <2,0   | <2,0      | <2,0   | <2,0     | <2,0   | <2,0    | <2,0          |
| Civa                               | µg/L                | 1   | <0,2   | <0,2   | <0,2   | <0,2   | <0,2       | <0,2   | <0,2      | <0,2   | <0,2     | <0,2   | <0,2    | <0,2          |
| Nikel                              | µg/L                | 20  | <2,0   | <2,0   | <2,0   | 4,33   | <2,0       | 2,68   | 2,68      | 2,00   | <0,2     | <0,2   | <0,2    | 2,12          |
| Nitrat                             | mg/L                | 50  | 4,19   | 4,22   | 4,39   | 1,95   | 4,83       | 5,51   | 4,18      | 4,98   | 1,20     | 0,58   | 0,48    | 1,69          |
| Nitrit                             | mg/L                | 0,5   | <0,02  | <0,02  | <0,02  | <0,02  | <0,02      | <0,02  | <0,02     | <0,02  | <0,02    | <0,02  | <0,02   | <0,02         |
| Toplam Pestisitler                 | µg/L                | 0,5   | <0,5   | <0,5   | <0,5   | <0,5   | <0,5       | <0,5   | <0,5      | <0,5   | <0,5     | <0,5   | <0,5    | <0,5          |
| Polisiklik Aromatik Hidrokarbonlar | µg/L                | 0,1   | <0,1   | <0,1   | <0,1   | <0,1   | <0,1       | <0,1   | <0,1      | <0,1   | <0,1     | <0,1   | <0,1    | <0,1          |
| Selenyum                           | µg/L                | 10  | <2,0   | <2,0   | <2,0   | <2,0   | <2,0       | <2,0   | <2,0      | <2,0   | <2,0     | <2,0   | <2,0    | <2,0          |
| Tetrakloreten                      | µg/L                | 10  | <1     | <1     | <1     | <1     | <1         | <1     | <1        | <1     | <1       | <1     | <1      | <1            |
| Trikloretan                        | µg/L                | 10  | <1     | <1     | <1     | <1     | <1         | <1     | <1        | <1     | <1       | <1     | <1      | <1            |
| Toplam Trihalometanlar             | µg/L                | 100   | 18,10  | 20,68  | 18,98  | 17,05  | 24,25      | 23,45  | 28,68     | 34,65  | 18,73    | 24,80  | 28,73   | 42,13         |
| Vinil Klorür                       | µg/L                | 0,5   | <0,1   | <0,1   | <0,1   | <0,1   | <0,1       | <0,1   | <0,1      | <0,1   | <0,1     | <0,1   | <0,1    | <0,1          |
| <b>GÖSTERGE PARAMETRELERİ</b>      |                     |   |        |        |        |        |            |        |           |        |          |        |         |               |
| Alüminyum                          | µg/L                | 200   | 80,11  | 59,15  | 65,77  | <20,0  | <20,0      | 24,14  | 64,77     | <20,0  | 50,73    | 38,10  | 36,71   | 122,14        |
| Amonyum                            | mg/L                | 0,5   | <0,05  | <0,05  | <0,05  | <0,05  | <0,05      | <0,05  | <0,05     | <0,05  | <0,05    | <0,05  | <0,05   | <0,05         |
| Klorür                             | mg/L                | 250   | 18,80  | 19,00  | 19,50  | 43,30  | 44,60      | 45,20  | 80,50     | 46,50  | 46,00    | 47,00  | 47,50   | 85,90         |
| Renk (Pt-Co)                       | mg/L                | TKED  | <2,0   | <2,0   | <2,0   | <2,0   | <2,0       | <2,0   | <2,0      | <2,0   | <2,0     | <2,0   | <2,0    | <2,0          |
| İletkenlik                         | µS/cm <sup>-1</sup> | 2500  | 359    | 351    | 350    | 423    | 353        | 421    | 765       | 370    | 453      | 442    | 433     | 676           |
| pH                                 |                     | ≤9,5-6,5≤                                       | 7,29   | 7,42   | 7,39   | 7,14   | 6,89       | 6,95   | 7,08      | 7,01   | 7,22     | 7,25   | 7,24    | 7,32          |
| Demir                              | µg/L                | 200   | <20    | <20    | <20    | <20    | 37,93      | 22,07  | 75,32     | 33,92  | <20      | <20    | <20     | <20           |
| Mangan                             | µg/L                | 50  | <10    | <10    | <10    | <10    | <10        | <10    | <10       | <10    | <10      | <10    | <10     | <10           |
| Koku                               |                     | TKED  | Uygun  | Uygun  | Uygun  | Uygun  | Uygun      | Uygun  | Uygun     | Uygun  | Uygun    | Uygun  | Uygun   | Uygun         |
| Sülfat                             | mg/L                | 250   | 36,10  | 32,20  | 31,40  | 13,90  | 17,30      | 55,20  | 162,50    | 21,50  | 52,40    | 48,50  | 42,40   | 94,10         |
| Sodyum                             | mg/L                | 200   | 12,62  | 12,71  | 12,63  | 10,00  | 11,06      | 29,10  | 51,10     | 12,15  | 27,05    | 27,21  | 28,10   | 55,97         |
| Tat                                |                     | TKED  | Uygun  | Uygun  | Uygun  | Uygun  | Uygun      | Uygun  | Uygun     | Uygun  | Uygun    | Uygun  | Uygun   | Uygun         |
| Toplam Organik Karbon              | mg/L                | ADY   | 2,39   | 2,26   | 2,35   | 1,88   | 1,62       | 2,54   | 2,89      | 1,71   | 2,26     | 2,48   | 2,61    | 3,77          |
| Bulanıklık                         | NTU                 | 1   | 0,15   | 0,16   | 0,13   | 0,11   | 0,13       | 0,25   | 0,18      | 0,15   | 0,30     | 0,24   | 0,23    | 0,21          |
| <b>RADYOAKTİVİTE PARAMETRELERİ</b> |                     |   |        |        |        |        |            |        |           |        |          |        |         |               |
| Trityum                            | Bq/L                | 100   | <3,0   | <3,0   | <3,0   | <3,0   | <3,0       | <3,0   | <3,0      | <3,0   | <3,0     | <3,0   | <3,0    | <3,0          |
| Toplam gösterge dozu               | mSv/yıl             | 0,1   | <0,1   | <0,1   | <0,1   | <0,1   | <0,1       | <0,1   | <0,1      | <0,1   | <0,1     | <0,1   | <0,1    | <0,1          |

TKED: Tüketicilerce kabul edilebilir ve herhangi bir anormal değişim yok

ADY : Anormal değişim yok

NOT : Analizler İSKİ Temiz Su Laboratuvar Şube Müdürlüğü tarafından yapılmıştır. pH, Bulanıklık parametreleri tesis laboratuvarında ölçülmüştür.