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ANALYSERAPPORT

Ølsted Strand Vandværk
Frederikssundsvej 167
3310 Ølsted
Att.: Henriette Høeg, PersonRef. Henriette Høeg

Udskrevet: 17-06-2021
Version: 1
Modtaget: 02-06-2021
Analyseperiode: 02-06-2021 - 17-06-2021
Ordrenr.: 639384

Sagsnavn Ølsted Strand vv
Lokalitet: Ølsted Strand Vandværk
Prøvested: DGU 192.330-1
Udtaget: 02.06.2021 kl. 08:17:00
Prøvetype: Råvand - Bek. 1070:2019, Boringskontrol + HS BTEXN, kulbrinter og chlorerede + Enkeltparametre +
Prøvetager: LAB/SKN
Kunde: Ølsted Strand Vandværk, Frederikssundsvej 167, 3310 Ølsted, Att. Henriette Høeg, PersonRef. Henriette Høeg

| Prøvenr.: | 79995/21 | | | | | |
|---|----------|-------|-------|-----------------------------------|----------------------|----|
| Parameter | Resultat | Enhed | DL | Metode | Urel (%) | |
| Partikler i prøve efter konservering | # | Nej | - | - | - | - |
| FELTMÅLINGER: | | | | | | |
| Prøvetagning, Boring | + | - | - | DS/ISO 5667-11:2009 | | |
| pH ved prøvetagning | 7.2 | pH | | DS/EN ISO 10523:2012 | | |
| Temperatur ved prøvetagning | 10.2 | °C | | - | | |
| Ledningsevne v. ptagning | 64 | mS/m | 1.5 | DS/EN 27888:2003 | | 15 |
| Iltindhold v. ptagning | 1.1 | mg/l | 0.1 | DS/EN ISO 5814:2012 | | 15 |
| Laboratoriets målinger: | | | | | | |
| Mangan, Mn | 0.052 | mg/l | 0.002 | DS/EN ISO 11885:2009 | | 20 |
| Calcium, Ca ⁺⁺ | 92 | mg/l | 0.5 | DS/EN ISO 11885:2009 | | 15 |
| Magnesium, Mg ⁺⁺ | 12 | mg/l | 0.3 | DS/EN ISO 11885:2009 | | 15 |
| Kalium, K ⁺ | 2.3 | mg/l | 0.05 | DS/EN ISO 11885:2009 | | 15 |
| Natrium, Na ⁺ | 14 | mg/l | 0.3 | DS/EN ISO 11885:2009 | | 15 |
| Jern, Fe | 2.2 | mg/l | 0.01 | DS/EN ISO 11885:2009 | | 20 |
| Ammonium+ammoniak, NH ₄ ⁺ | 0.58 | mg/l | 0.004 | DS/ISO 15923-1:2013+DS224:1975Mod | | 15 |
| Nitrit, NO ₂ ⁻ | <0.0010 | mg/l | 0.001 | DS/ISO 15923-1:2013 | | 15 |
| Nitrat, NO ₃ ⁻ | <0.10 | mg/l | 0.1 | DS/ISO 15923-1:2013 + beregning | | 15 |
| Total phosphor, P | 0.0040 | mg/l | 0.003 | DS/EN ISO 6878:2004 Del 7 | | 15 |
| Chlorid, Cl ⁻ | 25 | mg/l | 0.5 | DS/ISO 15923-1:2013 | | 15 |
| Fluorid, F ⁻ | 0.44 | mg/l | 0.03 | DS 218:1975,MOD | | 15 |
| Sulfat, SO ₄ ⁻⁻ | 46 | mg/l | 0.5 | DS/ISO 15923-1:2013 | | 15 |
| Hydrogencarbonat, HCO ₃ ⁻ | 290 | mg/l | 3 | DS/EN ISO 9963-1:1996 | | 15 |
| Aggressiv kuldioxid, CO ₂ | <5 | mg/l | 2 | DS 236:1977 | | 15 |
| Hydrogensulfid, H ₂ S | <0.020 | mg/l | 0.02 | DS 278:1977 | | 15 |
| Methan, CH ₄ | 0.017 | mg/l | 0.01 | AK129 - HS GC/FID | | 20 |
| NVOC | 2.1 | mg/l | 0.1 | DS/EN 1484:1997+SM 5310B:2014 | | 15 |
| Arsen, As | 0.47 | µg/l | 0.03 | DS/EN ISO 17294-2:2016 | | 20 |
| Bor, B | 110 | µg/l | 10 | DS/EN ISO 11885:2009 | | 20 |
| Barium, Ba | 27 | µg/l | 0.03 | DS/EN ISO 17294-2:2016 | | 20 |
| Kobolt, Co | 0.046 | µg/l | 0.01 | DS/EN ISO 17294-2:2016 | | 20 |
| Nikkel, Ni | 1.0 | µg/l | 0.03 | DS/EN ISO 17294-2:2016 | | 20 |
| HS BTEXN | | | | | | |
| Benzen | <0.020 | µg/l | 0.020 | DS/EN ISO 10301:2000 | | 20 |
| Toluen | <0.020 | µg/l | 0.020 | DS/EN ISO 10301:2000 | | 20 |
| Ethylbenzen | <0.020 | µg/l | 0.020 | DS/EN ISO 10301:2000 | | 20 |
| Xylener (o-,m- og p-xylen) | <0.040 | µg/l | 0.04 | DS/EN ISO 10301:2000 | | 20 |
| Naphtalen | <0.020 | µg/l | 0.020 | DS/EN ISO 10301:2000 | | 20 |
| Kulbrinter i vand | | | | | | |
| Kulbrinter n-C6 - n-C10 | # | <5.0 | µg/l | 5 | AK61 - GC/FID/pentan | 30 |
| Kulbrinter >n-C10 - n-C15 | # | <5.0 | µg/l | 5 | AK61 - GC/FID/pentan | 30 |
| Kulbrinter >n-C15 - n-C20 | # | <5.0 | µg/l | 5 | AK61 - GC/FID/pentan | 30 |
| Kulbrinter >n-C20 - n-C35 | # | <5.0 | µg/l | 5 | AK61 - GC/FID/pentan | 30 |
| Total kulbrinter (C6-C35) | | <5.0 | µg/l | 5 | AK61 - GC/FID/pentan | 30 |
| HS Chlorerede opl.midler | | | | | | |
| Trichlormethan (Chloroform) | <0.020 | µg/l | 0.020 | DS/EN ISO 10301:2000 | | 20 |
| 1,1,1-trichlorethan | <0.020 | µg/l | 0.020 | DS/EN ISO 10301:2000 | | 20 |
| Tetrachlormethan | <0.020 | µg/l | 0.020 | DS/EN ISO 10301:2000 | | 20 |

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Laboratoriet er akkrediteret af DANAK. Analyseresultaterne gælder kun for den analyserede prøve. Analyserapporten må kun gengives i sin helhed, medmindre skriftlig godkendelse foreligger.

Tegnforklaring:
<: mindre end >: Større end DL: Detektionsgrænse
#: Ikke akkrediteret i.p.: ikke påvist Urel: Den relative målesikkerhed



TEST Reg nr. 361

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|--|----------|-------|-------|----------------------|----------|
| Parameter | Resultat | Enhed | DL | Metode | Urel (%) |
| Trichlorethylen | <0.020 | µg/l | 0.020 | DS/EN ISO 10301:2000 | 20 |
| Tetrachlorethylen | <0.020 | µg/l | 0.020 | DS/EN ISO 10301:2000 | 20 |
| 2,6-dichlorphenol | <0.010 | µg/l | 0.010 | AK158 - GC/MS | 30 |
| Pesticider, Drikkevand grundpakke | - | - | - | - - GC/LC/MS | - |
| 1,2,4-triazol | <0.010 | µg/l | 0.010 | AK207 - LC/MS/MS | 30 |
| 2,6-DCPP (2-(2,6-dichlorphenoxy-propionsyre)), 2,6-dichlorprop | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| 2,6-dichlorbenzoesyre | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| 4-CPP, (4-Chlorprop) | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Aminomethylphosphorsyre, AMPA | <0.010 | µg/l | 0.010 | AK144 - LC/MS/MS | 30 |
| Atrazin | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| 2,6-Dichlorbenzamid (BAM) | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Bentazon | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Desphenyl-chloridazon | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Methyl-desphenyl-chloridazon | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| 4-nitrophenol | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| 2,4-dichlorphenol | <0.010 | µg/l | 0.010 | AK158 - GC/MS | 30 |
| Desethylatrazin | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Desethyldesisopropylatrazin | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Desethyl-hydroxy-atrazin | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Desethylterbutylazin | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Desisopropylatrazin | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Desisopropyl-hydroxy-atrazin | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Dichlobenil | <0.010 | µg/l | 0.010 | AK78 - GC/MS | 30 |
| Dichlorprop(2,4-DP) | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Didealkyl-hydroxy-atrazin | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| ETU (Ethylthiourea) | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Glyphosat | <0.010 | µg/l | 0.010 | AK144 - LC/MS/MS | 30 |
| Hexazinon | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Hydroxyatrazin | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Hydroxysimazin | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| MCPA | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Mechlorprop(MCPP) | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Simazin | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| N,N-Dimethylsulfamid (DMS) | <0.010 | µg/l | 0.010 | AK207 - LC/MS/MS | 30 |
| Chlorothalonilamid-sulfonsyre | <0.0050 | µg/l | 0.005 | AK78 - LC/MS/MS | 30 |
| Pesticider, DRV BEK 1070: 2019 | - | - | - | - - LC/MS/MS | - |
| Alachlor ESA | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Dimethachlor ESA | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Dimethachlor OA | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Metazachlor ESA | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Metazachlor OA | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |
| Propachlor ESA | <0.010 | µg/l | 0.010 | AK78 - LC/MS/MS | 30 |

Kommentar

Grundet nedbrud på apparatet har laboratoriet været nødt til at skifte analysemetode for fluorid fra DS/EN ISO 10304-1:2009 til DS218:1975, MOD.

Dianna Andersen

Kopimodtagere:

Halsnæs Kommune, Rådhuspladsen 1, 3300 Frederiksværk

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