

ANALYSERAPPORT 367059

Thorshøj Vandværk

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Version: 1
Sagsnr: GEO-2017-00142
Rekv. nr:
Genereret: 24.04.2020
Bilag:

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|-----------------------|--|------------------------------|--------------------------------------|
| LAB nr: | 20-08594, Prøve nr. 422825 | Prøvetager: | NNI, AnalyTech Miljølaboratorium A/S |
| Prøvemærkning: | | Prøvetagningsmetode: | M-0061 DS/ISO 5667 |
| Prøvetype: | Råvandskontrol - Boringskontrol | Prøvetagningsperiode: | 16.04.2020 11:10 - 16.04.2020 11:17 |
| Prøvested: | Thorshøj VV DGU 10.914 B2 | Prøvetagningssted: | |
| Grænseværdier: | Miljøministeriet, BEK nr. 1070 d. 28.10.2019 | Analyseperiode: | 16.04.2020 - 24.04.2020 |

| Analyseparameter | Resultat | Min | Max | Udenfor | D.L. | Metode/Reference | +/- |
|-----------------------------|----------------------|-----|------|------------|-------|-------------------------------|-----|
| Temperatur | 8.1 °C | - | - | | 0.1 | TERMOMETER | 10% |
| pH | 7.6 pH | 7 | 8.5 | | 0.05 | M-0010 DS/EN/ISO 10523:2012 | 10% |
| Ledningsevne | 70 mS/m | - | 250 | | 0.5 | M-0009 DS 27888:2003 | 10% |
| Ilt | 0.8 mg/L | 5 | - | MIN | 0.1 | M-0064 DS/EN/ISO 5814:2012 | 10% |
| NVOC | 2.7 mg/L | - | 4 | | 0.1 | M-0097 DS/EN 1484 | 10% |
| Calcium | 72.2 mg/L | - | 200 | | 0.007 | M-0139 RefM018/ICP | 10% |
| Magnesium | 8.23 mg/L | - | 50 | | 0.001 | M-0139 RefM018/ICP | 10% |
| Hårdhed | 12.0 °dH | 5 | 30 | | 0.05 | Beregning | 10% |
| Natrium | 66.9 mg/L | - | 175 | | 0.06 | M-0139 RefM018/ICP | 10% |
| Kalium | 2.39 mg/L | - | 10 | | 0.05 | M-0139 RefM018/ICP | 10% |
| Ammonium | 1.19 mg/L | - | 0.05 | MAX | 0.02 | M-0014 DS 224 | 10% |
| Jern | 0.722 mg/L | - | 0.2 | MAX | 0.002 | M-0139 RefM018/ICP | 10% |
| Mangan | 0.199 mg/L | - | 0.05 | MAX | 0.001 | M-0139 RefM018/ICP | 10% |
| Bicarbonat HCO ₃ | 214 mg/L | 100 | - | | 0.5 | M-0006 DS 256 | 10% |
| Klorid | 109 mg/L | - | 250 | | 0.5 | M-0018.DS/ENISO10304 | 10% |
| Sulfat | 26 mg/L | - | 250 | | 0.5 | M-0018 DS/ENISO10304 | 10% |
| Nitrat | 0.7 mg/L | - | 50 | | 0.5 | M-0018 DS/ENISO10304 | 10% |
| Nitrit | 0.003 mg/L | - | 0.1 | | 0.001 | M-0015 DS 222 | 10% |
| Total-P | 0.17 mg/L | - | 0.15 | MAX | 0.01 | M-0020 DS 292 | 10% |
| Fluorid | 0.09 mg/L | - | 1.5 | | 0.05 | M-0018 DS/ENISO10304 | 10% |
| Aggressiv CO ₂ | <2 mg/L | - | 2 | | 2 | M-0004 DS 236 | 10% |
| Arsen | 0.70 µg/L | - | 5 | | 0.02 | M-0140 RefM018/ICP-MS | 10% |
| Barium | 28 µg/L | - | 700 | | 1 | M-0140 RefM018/ICP-MS | 10% |
| Bor | 0.06 mg/L | - | 1 | | 0.01 | M-0140 RefM018/ICP-MS | 10% |
| Nikkel | 0.16 µg/L | - | 20 | | 0.03 | M-0140 RefM018/ICP-MS | 10% |
| Cobalt | <0.05 µg/L | - | 5 | | 0.05 | M-0140 RefM018/ICP-MS | 10% |
| Methan | 14.5 mg/L | - | 0.01 | MAX | 0.01 | M-0112 Ref. Lab M063 - GC-FID | 10% |
| Svovlbrinte | 0.19 mg/L | - | 0.05 | MAX | 0.01 | M-0098 DS 278:1976 | 10% |

Bemærkninger:

Der er ikke fastsat krav til råvand. Grænseværdier for forbrugers taphane er vist til orientering.

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|-----------------------|--|------------------------------|--------------------------------------|
| LAB nr: | 20-08595, Prøve nr. 422826 | Prøvetager: | NNI, AnalyTech Miljølaboratorium A/S |
| Prøvemærkning: | | Prøvetagningsmetode: | M-0061 DS/ISO 5667 |
| Prøvetype: | Råvandskontrol - Pesticidkontrol | Prøvetagningsperiode: | 16.04.2020 11:10 - 16.04.2020 11:17 |
| Prøvested: | Thorshøj VV DGU 10.914 B2 | Prøvetagningssted: | |
| Grænseværdier: | Miljøministeriet, BEK nr. 1070 d. 28.10.2019 | Analyseperiode: | 16.04.2020 - 24.04.2020 |

| Analyseparameter | Resultat | Min | Max | Udenfor | D.L. | Metode/Reference | +/- |
|-------------------------------------|-------------|-----|------|---------|-------|------------------|-----|
| 2.4 D | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 10% |
| Atrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Bentazon | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 10% |
| Dichlobenil | <0.01 µg/L | - | 0.1 | | 0.01 | M-0100 GC-MS | 10% |
| Dichlorprop | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 10% |
| Diuron | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| ETU (Ethylenthiourea) | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Glyphosat | <0.01 µg/L | - | 0.1 | | 0.01 | M-0166 LC-MS-MS | 20% |
| Hexazinon | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 10% |
| MCPA | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Mechlorprop | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Metribuzin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Simazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 10% |
| 2.6-Dichlorbenzoesyre | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| 2.4-Dichlorphenol | <0.01 µg/L | - | 0.1 | | 0.01 | M-0100 LC-MS | 15% |
| 2.6-Dichlorphenol | <0.01 µg/L | - | 0.1 | | 0.01 | M-0100 LC-MS | 10% |
| 4-CPP | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| 2.6-DCPP | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| 4-nitrophenol | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| AMPA | <0.01 µg/L | - | 0.1 | | 0.01 | M-0166 LC-MS-MS | 20% |
| BAM (2.6-dichlorbenzamid) | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 10% |
| Desethyl-desisopropylatrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Desethylhydroxyatrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Desethylatrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Desethylterbutylazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Desisopropylatrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Desisopropylhydroxyatrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Didealkylhydroxyatrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Hydroxyatrazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Hydroxysimazin | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 15% |
| Metribuzin-desamino-deketo | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Metribuzin-diketo | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Metribuzin-desamino | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Metalaxyl/Metalaxyl-M | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| CGA62826 | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| CGA108906 | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Chloridazon | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Desphenyl-chloridazon | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Methyl-desphenyl-chloridazon | <0.01 µg/L | - | 0.1 | | 0.01 | M-0165 LC-MS-MS | 20% |
| Aldrin | <0.01 µg/L | - | 0.03 | | 0.01 | M-0208 GC-MS | 30% |
| Dieldrin | <0.01 µg/L | - | 0.03 | | 0.01 | M-0208 GC-MS | 30% |
| Heptachlor | <0.01 µg/L | - | 0.03 | | 0.01 | M-0208 GC-MS | 30% |
| Heptachlorepoxyd (sum af cis+trans) | <0.01 µg/L | - | 0.03 | | 0.01 | M-0208 GC-MS | 30% |
| 1.2.4-Triazol | <0.01 µg/L | - | 0.1 | | 0.01 | M-0205 LC-MS-MS | 20% |
| N,N-Dimethylsulfamid (DMS) | <0.01 µg/L | - | 0.1 | | 0.01 | M-0204 LC-MS/MS | 30% |
| Chlorothalonil-amidsulfonsyre | <0.002 µg/L | - | 0.1 | | 0.002 | M-0211 LC-MS/MS | 30% |
| Alachlor ESA | <0.01 µg/L | - | 0.1 | | 0.01 | *M-0212 LC-MS-MS | 30% |
| Dimethachlor ESA | <0.01 µg/L | - | 0.1 | | 0.01 | *M-0212 LC-MS-MS | 30% |
| Dimethachlor OA | <0.02 µg/L | - | 0.1 | | 0.02 | *M-0212 LC-MS-MS | 30% |
| Metazachlor ESA | <0.01 µg/L | - | 0.1 | | 0.01 | *M-0212 LC-MS-MS | 30% |
| Metazachlor OA | <0.01 µg/L | - | 0.1 | | 0.01 | *M-0212 LC-MS-MS | 30% |

| Analyseparameter | Resultat | Min | Max | Udenfor | D.L. | Metode/Reference | +/- |
|------------------|------------|-----|-----|---------|------|------------------|-----|
| Propachlor ESA | <0.01 µg/L | - | 0.1 | | 0.01 | *M-0212 LC-MS-MS | 30% |

Bemærkninger:


Der er ikke fastsat krav til råvand. Grænseværdier for forbrugers taphane er vist til orientering.

Rekvirent: Thorshøj Vandværk
Kopi: Danmarks Miljøportal, Sundhedsstyrelsen Nord, Frederikshavn Kommune

Nørresundby d. 24.04.2020

Forklaring:

D.L.: Detektionsgrænse <: Mindre end *: Ikke omfattet af akkrediteringen
+/-: Total ekspanderet usikkerhed (2x total RSD%) >: Større end


Sven-Erik Lykke, laboratorichef

Analyserapporten må kun gengives i uddrag, hvis den enten er offentlig tilgængelig, eller hvis laboratoriet har godkendt uddraget.
Resultaterne gælder udelukkende for de analyserede prøver.

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