

ANALYSERAPPORT 295231

Understed Vandværk

Understedvej 76
 9300 Sæby
 Martin Sørensen

Version: 1
Sagsnr:
Rekv. nr:
Genereret: 10.11.2017
Bilag:

LAB nr:	17-22119	Prøvetager:	LBJ, AnalyTech Miljølaboratorium A/S
Prøvemærkning:		Prøvetagningsmetode:	M-0061 DS/ISO 5667
Prøvetype:	Råvandskontrol - Boringskontrol	Prøvetagningsperiode:	31.10.2017 11:20 - 31.10.2017 11:25
Prøvested:	Understed DGU 11.946 B2	Prøvetagningssted:	
Grænseværdier:	Miljøstyrelsen, BEK nr. 802 d. 01.06.2016	Analyseperiode:	31.10.2017 - 10.11.2017

Analyseparameter	Resultat	Min	Max	Udenfor	D.L.	Metode/Reference	+/-
Temperatur	8.4 °C	-	-		0.1	TERMOMETER	10%
pH	7.8 pH	7	8.5		0.05	M-0010 DS 287	10%
Ledningsevne	49 mS/m	30	-		0.5	M-0009 DS 288	10%
Ilt	<0.1 mg/L	5	-	MIN	0.1	M-0064 DS/EN 25814	10%
NVOC	1.8 mg/L	-	4		0.1	M-0097 DS/EN 1484	10%
Inddampningsrest	310 mg/L	-	1500		20	M-0008 DS 204	10%
Calcium	67.9 mg/L	-	200		0.007	M-0139 RefM018/ICP	10%
Magnesium	10.1 mg/L	-	50		0.001	M-0139 RefM018/ICP	10%
Natrium	19.8 mg/L	-	175		0.06	M-0139 RefM018/ICP	10%
Kalium	1.30 mg/L	-	10		0.05	M-0139 RefM018/ICP	10%
Ammonium	0.23 mg/L	-	0.05	MAX	0.02	M-0014 DS 224	10%
Jern	0.866 mg/L	-	0.1	MAX	0.002	M-0139 RefM018/ICP	10%
Mangan	0.240 mg/L	-	0.02	MAX	0.001	M-0139 RefM018/ICP	10%
Bicarbonat HCO ₃	163 mg/L	100	-		0.5	M-0006 DS 256	10%
Klorid	31 mg/L	-	250		0.5	M-0018.DS/ENISO10304	10%
Sulfat	65 mg/L	-	-		0.5	M-0018 DS/ENISO10304	10%
Nitrat	<0.5 mg/L	-	50		0.5	M-0018 DS/ENISO10304	10%
Nitrit	0.005 mg/L	-	0.01		0.001	M-0015 DS 222	10%
Total-P	0.07 mg/L	-	0.15		0.01	M-0020 DS 292	10%
Fluorid	<0.1 mg/L	-	1.5		0.1	M-0018 DS/ENISO10304	10%
Aggressiv CO ₂	<2 mg/L	-	5		2	M-0004 DS 236	10%
Arsen	0.17 µg/L	-	5		0.02	M-0140 RefM018/ICP-MS	10%
Barium	14 µg/L	-	700		1	M-0140 RefM018/ICP-MS	10%
Bor	0.02 mg/L	-	1		0.01	M-0140 RefM018/ICP-MS	10%
Nikkel	<0.03 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%

Bemærkninger:

Der findes ingen krav til råvand. Grænseværdier for afgang fra vandværk er vist til orientering.

LAB nr:	17-22120	Prøvetager:	LBJ, AnalyTech Miljølaboratorium A/S
Prøvemærkning:		Prøvetagningsmetode:	M-0061 DS/ISO 5667
Prøvetype:	Råvandskontrol - Pesticidkontrol	Prøvetagningsperiode:	31.10.2017 11:20 - 31.10.2017 11:25
Prøvested:	Understed DGU 11.946 B2	Prøvetagningssted:	
Grænseværdier:	Miljøstyrelsen, BEK nr. 802 d. 01.06.2016	Analyseperiode:	31.10.2017 - 10.11.2017

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%
Metalaxyl/Metalaxyl-M	<0.01 µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
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%
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%
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%

Bemærkninger:

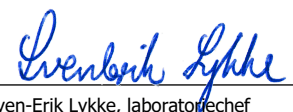
Der findes ingen krav til råvand. Grænseværdier for afgang fra vandværk er vist til orientering.

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

Nørresundby d. 10.11.2017

Forklaring:

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


 Sven-Erik Lykke, laboratoriefachef

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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