

MossIA ANS
Postboks 11
1366 LYSAKER
Attn: **Nasim Mohajeri Nav**

AR-25-MM-046549-01

EUNOMO-00461621

Received: 07.05.2025
Temperature:
Analysed between: 07.05.2025 17:30 -
13.05.2025 02:34

Reference: Carlberg
tunnel_bunnrensk_61+70
0-62+080_05.05.2025

ANALYTICAL REPORT

Sample code:	439-2025-05070829	Sampled on:	07.05.2025		
Description:	Soil	Sampled by:	Nasim		
Client Sample:	61+700-61+725	Analysis date:	07.05.2025		
bunnrensk-mid section					
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	91.1	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	24	mg/kg dm			Calculation
a) Arsenic (As)	< 0.99	mg/kg dry matter	0.99		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	4.7	mg/kg dry matter	0.99	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	22	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	24	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0099	mg/kg dry matter	0.0099		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	19	mg/kg dry	0.49	25%	SS

Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

Measurement uncertainty is set with a coverage factor of 2. The decision rule for statements of conformity is based on simple acceptance criteria «shared risk» (w=0, <50% Probability of False Accept). Further description on www.eurofins.no.

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	55 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	8.6 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C16-C35	140 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	150 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	150 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	41 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	41 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	41 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	Ospecc.			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16		nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

- a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,
a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

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Moss 13.05.2025

Customer service center - Eurofins Environment Testing Norway AS

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ANALYTICAL REPORT

Sample code:	439-2025-05070830	Sampled on:	07.05.2025		
Description:	Soil	Sampled by:	Nasim		
Client Sample:	61+725-61+750	Analysis date:	07.05.2025		
	bunnrensk-mid section				
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	92.0	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	16	mg/kg dm			Calculation
a) Arsenic (As)	< 0.98	mg/kg dry matter	0.98		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	5.4	mg/kg dry matter	0.98	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	48	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	16	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0098	mg/kg dry matter	0.0098		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	9.5	mg/kg dry	0.49	25%	SS

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	43 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C16-C35	60 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	60 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	60 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	13 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	13 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	13 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	Ospecc.			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16		nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

- a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,
a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

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The results apply to the sample as received.

ANALYTICAL REPORT

Sample code:	439-2025-05070832	Sampled on:	07.05.2025
Description:	Soil	Sampled by:	Nasim
Client Sample:	61+775-61+800	Analysis date:	07.05.2025
	bunnrensk-mid section		

Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	92.7	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	46	mg/kg dm			Calculation
a) Arsenic (As)	< 0.98	mg/kg dry matter	0.98		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	2.8	mg/kg dry matter	0.97	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	25	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	46	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0098	mg/kg dry matter	0.0098		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	29	mg/kg dry	0.49	25%	SS

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than

>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

Measurement uncertainty is set with a coverage factor of 2. The decision rule for statements of conformity is based on simple acceptance criteria «shared risk» (w=0, <50% Probability of False Accept). Further description on www.eurofins.no.

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	29 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C16-C35	41 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	41 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	41 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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a) Aliphatics >C10-C12 in soil				
a)	Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5	SPI 2011
a) Aliphatics >C12-C16 in soil				
a)	Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5	SPI 2011
a) Aliphatics >C16-C35 in soil				
a)	Aliphatics >C16-C35	< 10 mg/kg dry matter	10	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a)	Sum Aliphatics >C5-C35	nd		Calculated from analyzed value
a)	Sum Aliphatics >C12-C35	nd		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a)	Aromatics >C8-C10	< 4.0 mg/kg dry matter	4	SPI 2011
a) Aromatics >C10-C16 in soil				
a)	Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9	SPI 2011
a) Aromatics >C16-C35 in soil				
a)	Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1	TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a)	Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a)	Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a)* Oil type in soil and water				
a)*	Oil type < C10	Utgår		Calculation
a)*	Oil type > C10	Utgår		Calculation
a) PAH16 in soil excl sum				
a)	Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Chrysene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Naphthalene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluorene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Phenanthrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod

Symbol description:

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16		nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

- a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,
a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

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Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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Moss 13.05.2025

Customer service center - Eurofins Environment Testing Norway AS

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MossIA ANS
Postboks 11
1366 LYSAKER
Attn: **Nasim Mohajeri Nav**

ANALYTICAL REPORT

Sample code:	439-2025-05070833	Sampled on:	07.05.2025		
Description:	Soil	Sampled by:	Nasim		
Client Sample:	61+800-61+825	Analysis date:	07.05.2025		
	bunnrensk-mid section				
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	90.9	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	43	mg/kg dm			Calculation
a) Arsenic (As)	< 0.99	mg/kg dry matter	0.99		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	1.8	mg/kg dry matter	0.99	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	35	mg/kg dry matter	0.5	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	43	mg/kg dry matter	0.5	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.010	mg/kg dry matter	0.01		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	30	mg/kg dry	0.5	25%	SS

Symbol description:

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The results apply to the sample as received.

	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	24 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	7.4 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C16-C35	120 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	130 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	130 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	34 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	34 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	34 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	Ospecc.			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	0.038	matter mg/kg dry matter	0.03	25% SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16	0.038	matter mg/kg dry matter		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

- a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,
a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

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Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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The results apply to the sample as received.

MossIA ANS
Postboks 11
1366 LYSAKER
Attn: **Nasim Mohajeri Nav**

ANALYTICAL REPORT

Sample code:	439-2025-05070834	Sampled on:	07.05.2025		
Description:	Soil	Sampled by:	Nasim		
Client Sample:	61+825-61+850	Analysis date:	07.05.2025		
	bunnrensk-mid section				
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	92.3	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	50	mg/kg dm			Calculation
a) Arsenic (As)	1.1	mg/kg dry matter	0.97	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	3.9	mg/kg dry matter	0.97	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	41	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	50	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0098	mg/kg dry matter	0.0098		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	35	mg/kg dry	0.49	25%	SS

Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	42 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	7.9 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C16-C35	160 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	170 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	170 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

Symbol description:

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	40 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	40 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	40 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	Motorolja			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

Symbol description:

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	0.042	matter mg/kg dry matter	0.03	25% SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs	nd			Calculated from analyzed value
a) Sum total PAH16	0.042	matter mg/kg dry matter		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7	nd			SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

- a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,
a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

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Symbol description:

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 >: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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Moss 13.05.2025

Customer service center - Eurofins Environment Testing Norway AS

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MossIA ANS
Postboks 11
1366 LYSAKER
Attn: Nasim Mohajeri Nav

ANALYTICAL REPORT

Sample code: **439-2025-05070835** Sampled on: 07.05.2025
Description: Soil Sampled by: Nasim
Client Sample: 61+850-61+875 Analysis date: 07.05.2025
bunnrensk-mid section

Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	91.6	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	36	mg/kg dm			Calculation
a) Arsenic (As)	< 0.99	mg/kg dry matter	0.99		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	2.6	mg/kg dry matter	0.98	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	27	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	36	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0100	mg/kg dry matter	0.0099		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	23	mg/kg dry	0.49	25%	SS

Symbol description:

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	33 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	10 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C16-C35	170 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	180 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	180 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	57 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	57 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	57 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	Ospecc.			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	0.041	matter mg/kg dry matter	0.03	25% SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16	0.041	matter mg/kg dry matter		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

- a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,
a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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Moss 13.05.2025

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Stig Tjomsland

Analytical Service Manager

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Measurement uncertainty is set with a coverage factor of 2. The decision rule for statements of conformity is based on simple acceptance criteria «shared risk» (w=0, <50% Probability of False Accept). Further description on www.eurofins.no.

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The results apply to the sample as received.

MossIA ANS
Postboks 11
1366 LYSAKER
Attn: Nasim Mohajeri Nav

ANALYTICAL REPORT

Sample code: **439-2025-05070836** Sampled on: 06.05.2025
Description: Soil Sampled by: Nasim/Thea
Client Sample: 61+875-61+900 Analysis date: 07.05.2025
bunnrensk-mid section

Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	91.3	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	41	mg/kg dm			Calculation
a) Arsenic (As)	< 0.99	mg/kg dry matter	0.99		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	2.6	mg/kg dry matter	0.99	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	26	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	41	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0100	mg/kg dry matter	0.0099		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	28	mg/kg dry	0.49	25%	SS

Symbol description:

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	30 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	12 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C16-C35	140 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	150 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	150 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

Symbol description:

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	5.3 mg/kg dry matter	5	30%	SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	47 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	52 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	52 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	Motorolja			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	0.034	matter mg/kg dry matter	0.03	25% SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16	0.034	matter mg/kg dry matter		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

- a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,
a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping

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Symbol description:

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Moss 13.05.2025

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Stig Tjomsland

Analytical Service Manager

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MossIA ANS
Postboks 11
1366 LYSAKER
Attn: **Nasim Mohajeri Nav**

ANALYTICAL REPORT

Sample code:	439-2025-05070837	Sampled on:	06.05.2025			
Description:	Soil	Sampled by:	Nasim/Thea			
Client Sample:	61+900-61+925	Analysis date:	07.05.2025			
bunnrensk-mid section						
Analysis		Result	Unit	LOQ:	MU	Method
a) Dry matter in soil						
a)	Dry matter	91.8	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated						
*	Chromium (III)	11	mg/kg dm			Calculation
a)	Arsenic (As)	< 0.98	mg/kg dry matter	0.98		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a)	Lead (Pb)	2.8	mg/kg dry matter	0.98	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a)	Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu						
a)	Copper (Cu)	12	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr						
a)	Chromium (Cr)	11	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil						
a)	Mercury (Hg)	< 0.0098	mg/kg dry matter	0.0098		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni						
a)	Nickel (Ni)	8.3	mg/kg dry	0.49	25%	SS

Symbol description:

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	32 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	7.1 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C16-C35	68 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	75 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	75 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

Symbol description:

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	20 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	20 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	20 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	Ospecc.			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

Symbol description:

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16		nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

- a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,
a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

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Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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Moss 13.05.2025

Customer service center - Eurofins Environment Testing Norway AS

Symbol description:

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MossIA ANS
Postboks 11
1366 LYSAKER
Attn: Nasim Mohajeri Nav

ANALYTICAL REPORT

Sample code:	439-2025-05070839	Sampled on:	06.05.2025		
Description:	Soil	Sampled by:	Nasim/Thea		
Client Sample:	61+950-61+975	Analysis date:	07.05.2025		
bunnrensk-mid section					
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	91.4	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	14	mg/kg dm			Calculation
a) Arsenic (As)	1.2	mg/kg dry matter	0.98	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	5.8	mg/kg dry matter	0.98	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	13	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	14	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0100	mg/kg dry matter	0.0099		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	11	mg/kg dry	0.49	25%	SS

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	44 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	8.2 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C16-C35	80 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	88 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	88 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	18 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	18 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	18 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	Ospecc.			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16		nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

- a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,
a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

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Moss 13.05.2025

-----
Stig Tjomsland

Analytical Service Manager

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ANALYTICAL REPORT

Sample code: **439-2025-05070841**

Description: Soil

Client Sample: 61+975-62+000

bunnrensk-mid section

Sampled on: 06.05.2025

Sampled by: Nasim/Thea

Analysis date: 07.05.2025

Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	90.5	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	18	mg/kg dm			Calculation
a) Arsenic (As)	< 1.00	mg/kg dry matter	1		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	4.3	mg/kg dry matter	0.99	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	16	mg/kg dry matter	0.5	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	18	mg/kg dry matter	0.5	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0100	mg/kg dry matter	0.01		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	12	mg/kg dry	0.5	25%	SS

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	47 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.23 mg/kg dry matter	0.23		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	8.5 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C16-C35	140 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	150 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	150 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	45 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	45 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	45 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	Motorolja			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16		nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

- a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,
a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

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Thea Iversen (thea.iversen@mossia.net)

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Moss 13.05.2025

Customer service center - Eurofins Environment Testing Norway AS

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The results apply to the sample as received.

MossIA ANS
Postboks 11
1366 LYSAKER
Attn: Nasim Mohajeri Nav

ANALYTICAL REPORT

Sample code: **439-2025-05070843** Sampled on: 06.05.2025
Description: Soil Sampled by: Nasim
Client Sample: 62+000-62+025 Analysis date: 07.05.2025
bunnrensk-mid section

Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	91.0	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	41	mg/kg dm			Calculation
a) Arsenic (As)	< 0.99	mg/kg dry matter	0.99		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	3.9	mg/kg dry matter	0.99	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	27	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	41	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0100	mg/kg dry matter	0.0099		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	35	mg/kg dry	0.49	25%	SS

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	52 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	5.9 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C16-C35	94 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	100 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	100 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

Symbol description:

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	21 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	21 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	21 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	Ospeg.			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16		nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

- a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,
a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping

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Moss 13.05.2025

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Stig Tjomsland

Analytical Service Manager

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MossIA ANS
Postboks 11
1366 LYSAKER
Attn: Nasim Mohajeri Nav

ANALYTICAL REPORT

Sample code:	439-2025-05070845	Sampled on:	05.05.2025		
Description:	Soil	Sampled by:	Nasim		
Client Sample:	62+025-62+050	Analysis date:	07.05.2025		
bunnrensk-mid section					
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	91.5	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	26	mg/kg dm			Calculation
a) Arsenic (As)	0.98	mg/kg dry matter	0.98	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	4.6	mg/kg dry matter	0.98	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	27	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	26	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0099	mg/kg dry matter	0.0099		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	19	mg/kg dry	0.49	25%	SS

Symbol description:

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	58 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	14 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C16-C35	230 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	240 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	240 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	5.5 mg/kg dry matter	5	30%	SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	76 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	82 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	82 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	Motorolja			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	0.043	matter mg/kg dry matter	0.03	25% SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16	0.043	matter mg/kg dry matter		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	matter mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

- a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,
a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

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Symbol description:

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Moss 13.05.2025

Customer service center - Eurofins Environment Testing Norway AS

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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The results apply to the sample as received.

MossIA ANS
Postboks 11
1366 LYSAKER
Attn: **Nasim Mohajeri Nav**

AR-25-MM-046152-01

EUNOMO-00461621

Received: 07.05.2025
Temperature:
Analysed between: 07.05.2025 17:30 -
12.05.2025 11:47

Reference: Carlberg
tunnel_bunnrensk_61+70
0-62+080_05.05.2025

ANALYTICAL REPORT

Sample code:	439-2025-05070846	Sampled on:	05.05.2025		
Description:	Soil	Sampled by:	Nasim		
Client Sample:	62+050-62+075	Analysis date:	07.05.2025		
bunnrensk-mid section					
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	90.7	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	20	mg/kg dm			Calculation
a) Arsenic (As)	1.3	mg/kg dry matter	0.99	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	5.3	mg/kg dry matter	0.99	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	18	mg/kg dry matter	0.5	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	20	mg/kg dry matter	0.5	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.010	mg/kg dry matter	0.01		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	13	mg/kg dry	0.5	25%	SS

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	45 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.23 mg/kg dry matter	0.23		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C16-C35	79 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	79 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	79 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	23 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	23 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	23 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	Motorolja			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

Symbol description:

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16		nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

- a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,
a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

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Moss 12.05.2025

Customer service center - Eurofins Environment Testing Norway AS

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MossIA ANS
Postboks 11
1366 LYSAKER
Attn: Nasim Mohajeri Nav

ANALYTICAL REPORT

Sample code:	439-2025-05070847	Sampled on:	05.05.2025		
Description:	Soil	Sampled by:	Nasim		
Client Sample:	62+075-62+100	Analysis date:	07.05.2025		
bunnrensk-mid section					
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	90.0	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	18	mg/kg dm			Calculation
a) Arsenic (As)	1.5	mg/kg dry matter	1	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	5.1	mg/kg dry matter	1	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.21	mg/kg dry matter	0.21		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	18	mg/kg dry matter	0.5	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	18	mg/kg dry matter	0.5	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.011	mg/kg dry matter	0.011		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	12	mg/kg dry	0.5	25%	SS

Symbol description:

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	46 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.23 mg/kg dry matter	0.23		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	11 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C16-C35	120 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	130 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	130 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

Symbol description:

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	33 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	33 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	33 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	Motorolja			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

Symbol description:

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The results apply to the sample as received.

a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16		nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

- a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,
a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

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Symbol description:

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 >: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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The results apply to the sample as received.



Moss 13.05.2025

Customer service center - Eurofins Environment Testing Norway AS

Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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The results apply to the sample as received.

MossIA ANS
Postboks 11
1366 LYSAKER
Attn: **Nasim Mohajeri Nav**

AR-25-MM-069126-01

EUNOMO-00468048

Received: 23.06.2025
Temperature:
Analysed between: 23.06.2025 10:34 -
30.06.2025 08:59

Reference: Undrained solution
(58+550-58+660)- w25 -
20.06.25

ANALYTICAL REPORT

Sample code:	439-2025-06230128	Sampled on:	20.06.2025		
Description:	Soil	Sampled by:	Thea Iversen		
Client Sample:	58+550-58+575	Analysis date:	23.06.2025		
	Undrained solution Moss				
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	89.1	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	17	mg/kg dm			Calculation
a) Arsenic (As)	2.2	mg/kg dry matter	1	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	7.8	mg/kg dry matter	1	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.21	mg/kg dry matter	0.21		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	27	mg/kg dry matter	0.5	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	17	mg/kg dry matter	0.5	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.011	mg/kg dry matter	0.011		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	13	mg/kg dry	0.5	25%	SS

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The results apply to the sample as received.

	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	65 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	0.45 mg/kg dry matter	0.22	40%	fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	41 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C16-C35	160 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	200 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	200 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

Symbol description:

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The results apply to the sample as received.

a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	21 mg/kg dry matter	5	30%	SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	69 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	90 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	90 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	ospec			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16		nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping

a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Thea Iversen (thea.iversen@mossia.net)

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Moss 30.06.2025

Customer service center - Eurofins Environment Testing Norway AS

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MossIA ANS
Postboks 11
1366 LYSAKER
Attn: **Nasim Mohajeri Nav**

AR-25-MM-069127-01

EUNOMO-00468048

Received: 23.06.2025
Temperature:
Analysed between: 23.06.2025 10:34 -
30.06.2025 09:00

Reference: Undrained solution
(58+550-58+660)- w25 -
20.06.25

ANALYTICAL REPORT

Sample code:	439-2025-06230129	Sampled on:	20.06.2025		
Description:	Soil	Sampled by:	Thea Iversen		
Client Sample:	58+575-58+600	Analysis date:	23.06.2025		
	Undrained solution Moss				
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	89.4	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	17	mg/kg dm			Calculation
a) Arsenic (As)	1.7	mg/kg dry matter	1	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	7.0	mg/kg dry matter	1	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.21	mg/kg dry matter	0.21		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	24	mg/kg dry matter	0.5	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	17	mg/kg dry matter	0.5	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.011	mg/kg dry matter	0.011		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	11	mg/kg dry	0.5	25%	SS

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	57 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	0.47 mg/kg dry matter	0.22	40%	fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	5.3 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C12-C16	19 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C16-C35	120 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	140 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	140 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

Symbol description:

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	8.4 mg/kg dry matter	5	30%	SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	38 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	46 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	46 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	ospec			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

Symbol description:

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The results apply to the sample as received.

a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16		nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Thea Iversen (thea.iversen@mossia.net)

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than

>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

Measurement uncertainty is set with a coverage factor of 2. The decision rule for statements of conformity is based on simple acceptance criteria «shared risk» (w=0, <50% Probability of False Accept). Further description on www.eurofins.no.

For microbiological analyses the confidence interval is specified. Further information regarding measurement uncertainty is available upon request.

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The results apply to the sample as received.



Moss 30.06.2025

Customer service center - Eurofins Environment Testing Norway AS

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MossIA ANS
Postboks 11
1366 LYSAKER
Attn: **Nasim Mohajeri Nav**

AR-25-MM-069128-01

EUNOMO-00468048

Received: 23.06.2025
Temperature:
Analysed between: 23.06.2025 10:34 -
30.06.2025 09:00

Reference: Undrained solution
(58+550-58+660)- w25 -
20.06.25

ANALYTICAL REPORT

Sample code:	439-2025-06230130	Sampled on:	20.06.2025		
Description:	Soil	Sampled by:	Thea Iversen		
Client Sample:	58+600-58+625	Analysis date:	23.06.2025		
	Undrained solution Moss				
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	91.2	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	17	mg/kg dm			Calculation
a) Arsenic (As)	1.5	mg/kg dry matter	0.99	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	6.5	mg/kg dry matter	0.99	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	14	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	17	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0099	mg/kg dry matter	0.0099		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	9.7	mg/kg dry	0.49	25%	SS

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The results apply to the sample as received.

	matter				28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil					
a) Zinc (Zn)	47 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023	
a) Crome 6+ in solid samples					
a) Chromium (VI)	0.35 mg/kg dry matter	0.22	40%	fd ISO 15192:2010	
a) Benzene in soil					
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09	
a) Toluene in soil					
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09	
a) Ethylbenzene in soil					
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09	
a) M/P/O-Xylene in soil					
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09	
a) THC >C5-C8 in solid material					
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09	
a) THC >C8-C35 (4 fractions) in solid material					
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod	
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod	
a) THC >C12-C16	15 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod	
a) THC >C16-C35	100 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod	
a) Sum THC >C5-C35 in solid materials					
a) SUM THC (>C5-C35)	120 mg/kg dry matter	40	30%	Calculated from analyzed value	
a) SUM THC (>C12-C35)	120 mg/kg dry matter	25	30%	Calculated from analyzed value	
a) Aliphatics C5-C6 in soil					
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011	
a) Aliphatics >C6-C8 in soil					
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011	
a) Aliphatics >C8-C10 in soil					
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011	

Symbol description:

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	7.3 mg/kg dry matter	5	30%	SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	35 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	42 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	42 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	ospec			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16		nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Ignacio Mauri (ignacio.mauri@mossia.net)

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Lotte Thompson (lotte.thompson@mossia.net)

Patricia Oliva (patricia.oliva@mossia.net)

Thea Iversen (thea.iversen@mossia.net)

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Postboks 11
1366 LYSAKER
Attn: **Nasim Mohajeri Nav**

AR-25-MM-069129-01

EUNOMO-00468048

Received: 23.06.2025
Temperature:
Analysed between: 23.06.2025 10:34 -
30.06.2025 09:00

Reference: Undrained solution
(58+550-58+660)- w25 -
20.06.25

ANALYTICAL REPORT

Sample code:	439-2025-06230131	Sampled on:	20.06.2025		
Description:	Soil	Sampled by:	Thea Iversen		
Client Sample:	58+625-58+650	Analysis date:	23.06.2025		
	Undrained solution Moss				
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	91.8	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	11	mg/kg dm			Calculation
a) Arsenic (As)	1.3	mg/kg dry matter	0.98	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	5.0	mg/kg dry matter	0.98	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	23	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	11	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0099	mg/kg dry matter	0.0099		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	7.4	mg/kg dry	0.49	25%	SS

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	38 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	0.35 mg/kg dry matter	0.22	40%	fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	13 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C16-C35	97 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	110 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	110 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	6.9 mg/kg dry matter	5	30%	SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	33 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	40 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	40 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	ospec			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

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The results apply to the sample as received.

a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16		nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Thea Iversen (thea.iversen@mossia.net)

Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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Moss 30.06.2025

Customer service center - Eurofins Environment Testing Norway AS

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MossIA ANS
Postboks 11
1366 LYSAKER
Attn: Nasim Mohajeri Nav

ANALYTICAL REPORT

Sample code:	439-2025-06230132	Sampled on:	20.06.2025		
Description:	Soil	Sampled by:	Thea Iversen		
Client Sample:	58+650-58+660	Analysis date:	23.06.2025		
Undrained solution Moss					
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	91.2	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	11	mg/kg dm			Calculation
a) Arsenic (As)	1.6	mg/kg dry matter	0.99	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	5.2	mg/kg dry matter	0.99	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	13	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	11	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0099	mg/kg dry matter	0.0099		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	7.4	mg/kg dry	0.49	25%	SS

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	32 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	0.44 mg/kg dry matter	0.22	40%	fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C5-C8 in solid material				
a) THC >C5-C8	< 5.0 mg/kg dry matter	5		Internal Method EPA 5021, LidMiljö.0A.01.09
a) THC >C8-C35 (4 fractions) in solid material				
a) THC >C8-C10	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C10-C12	< 5.0 mg/kg dry matter	5		SS-EN ISO 16703:2011 mod
a) THC >C12-C16	22 mg/kg dry matter	5	30%	SS-EN ISO 16703:2011 mod
a) THC >C16-C35	160 mg/kg dry matter	20	30%	SS-EN ISO 16703:2011 mod
a) Sum THC >C5-C35 in solid materials				
a) SUM THC (>C5-C35)	180 mg/kg dry matter	40	30%	Calculated from analyzed value
a) SUM THC (>C12-C35)	180 mg/kg dry matter	25	30%	Calculated from analyzed value
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011

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a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	11 mg/kg dry matter	5	30%	SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	50 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	61 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	61 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				
a) Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9		SPI 2011
a) Aromatics >C16-C35 in soil				
a) Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1		TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a) Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a) Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5		TK 535 N 012
a)* Oil type in soil and water				
a)* Oil type < C10	Utgår			Calculation
a)* Oil type > C10	ospec			Calculation
a) PAH16 in soil excl sum				
a) Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Chrysene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Naphthalene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthylene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Acenaphthene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Fluorene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod
a) Phenanthrene	< 0.030 mg/kg dry matter	0.03		SS-ISO 18287:2008, mod

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a) Anthracene	< 0.030	matter mg/kg dry matter	0.03	mod SS-ISO 18287:2008, mod
a) Fluoranthene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Pyrene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Benzo(g,h,i)perylene	< 0.030	matter mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a) Sum of carcinogenic PAHs		nd		Calculated from analyzed value
a) Sum total PAH16		nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a) PCB 28	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 52	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

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ANALYTICAL REPORT

Sample code: **439-2025-09020859** Sampled on: 02.09.2025
Description: Soil Sampled by: Nasim
Client Sample: 61+450-61+475 Analysis date: 02.09.2025
bunnrensk-middle section

Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	91.4	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	15	mg/kg dm			Calculation
a) Arsenic (As)	1.1	mg/kg dry matter	0.98	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	5.2	mg/kg dry matter	0.98	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	17	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	15	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0100	mg/kg dry matter	0.0099		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	11	mg/kg dry	0.49	25%	SS

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	39 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	0.27 mg/kg dry matter	0.22	40%	fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011
a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	5.6 mg/kg dry matter	5	30%	SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	37 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	43 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	43 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				

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a)	Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9	SPI 2011
a) Aromatics >C16-C35 in soil				
a)	Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1	TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a)	Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a)	Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a)* Oil type in soil and water				
a)*	Oil type < C10	Utgår		Calculation
a)*	Oil type > C10	motorolja		Calculation
a) PAH16 in soil excl sum				
a)	Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Chrysene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Naphthalene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluorene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Phenanthrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(g,h,i)perylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a)	Sum of carcinogenic PAHs	nd		Calculated from analyzed value
a)	Sum total PAH16	nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a)	PCB 28	< 0.0015 mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:2019 mod.
a)	PCB 52	< 0.0015 mg/kg dry matter	0.0015	SS-EN

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		matter		16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

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Thea Iversen (thea.iversen@mossia.net)

Moss 08.09.2025


Kjetil Sjaastad

Analytical Service Manager

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The results apply to the sample as received.

MossIA ANS
Postboks 11
1366 LYSAKER
Attn: Nasim Mohajeri Nav

ANALYTICAL REPORT

Sample code:	439-2025-09020860	Sampled on:	02.09.2025		
Description:	Soil	Sampled by:	Nasim		
Client Sample:	61+475-61+500	Analysis date:	02.09.2025		
bunnrensk-middle section					
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	91.9	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	16	mg/kg dm			Calculation
a) Arsenic (As)	1.1	mg/kg dry matter	0.98	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	5.7	mg/kg dry matter	0.98	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	17	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	16	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0098	mg/kg dry matter	0.0098		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	10	mg/kg dry	0.49	25%	SS

Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

Measurement uncertainty is set with a coverage factor of 2. The decision rule for statements of conformity is based on simple acceptance criteria «shared risk» (w=0, <50% Probability of False Accept). Further description on www.eurofins.no.

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The results apply to the sample as received.

	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	41 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	0.44 mg/kg dry matter	0.22	40%	fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011
a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	29 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	29 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	29 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than
 >: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

Measurement uncertainty is set with a coverage factor of 2. The decision rule for statements of conformity is based on simple acceptance criteria «shared risk» (w=0, <50% Probability of False Accept). Further description on www.eurofins.no.

For microbiological analyses the confidence interval is specified. Further information regarding measurement uncertainty is available upon request.

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The results apply to the sample as received.

a)	Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9	SPI 2011
a) Aromatics >C16-C35 in soil				
a)	Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1	TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a)	Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a)	Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a)* Oil type in soil and water				
a)*	Oil type < C10	Utgår		Calculation
a)*	Oil type > C10	motorolja		Calculation
a) PAH16 in soil excl sum				
a)	Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Chrysene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Naphthalene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluorene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Phenanthrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(g,h,i)perylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a)	Sum of carcinogenic PAHs	nd		Calculated from analyzed value
a)	Sum total PAH16	nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a)	PCB 28	< 0.0015 mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:2019 mod.
a)	PCB 52	< 0.0015 mg/kg dry matter	0.0015	SS-EN

Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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The results apply to the sample as received.

		matter		16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjöhogsg. 3, SE-53119, Lidköping

a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjöhogsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Moss 08.09.2025

Customer service center - Eurofins Environment Testing Norway AS

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than

>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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The results apply to the sample as received.

MossIA ANS
Postboks 11
1366 LYSAKER
Attn: **Nasim Mohajeri Nav**

ANALYTICAL REPORT

Sample code:	439-2025-09020861	Sampled on:	02.09.2025		
Description:	Soil	Sampled by:	Nasim		
Client Sample:	61+500-61+525	Analysis date:	02.09.2025		
bunnrensk-middle section					
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	89.7	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	17	mg/kg dm			Calculation
a) Arsenic (As)	2.2	mg/kg dry matter	1	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	5.0	mg/kg dry matter	1	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.21	mg/kg dry matter	0.21		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	17	mg/kg dry matter	0.5	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	17	mg/kg dry matter	0.5	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.011	mg/kg dry matter	0.011		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	12	mg/kg dry	0.5	25%	SS

Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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The results apply to the sample as received.

	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	46 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.23 mg/kg dry matter	0.23		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011
a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	24 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	24 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	24 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				

Symbol description:

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a)	Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9	SPI 2011
a) Aromatics >C16-C35 in soil				
a)	Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1	TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a)	Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a)	Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a)* Oil type in soil and water				
a)*	Oil type < C10	Utgår		Calculation
a)*	Oil type > C10	motorolja		Calculation
a) PAH16 in soil excl sum				
a)	Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Chrysene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Naphthalene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluorene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Phenanthrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(g,h,i)perylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a)	Sum of carcinogenic PAHs	nd		Calculated from analyzed value
a)	Sum total PAH16	nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a)	PCB 28	< 0.0015 mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:2019 mod.
a)	PCB 52	< 0.0015 mg/kg dry matter	0.0015	SS-EN

Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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		matter		16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjöhogsg. 3, SE-53119, Lidköping

a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjöhogsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Moss 08.09.2025

Customer service center - Eurofins Environment Testing Norway AS

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than

>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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The results apply to the sample as received.

MossIA ANS
Postboks 11
1366 LYSAKER
Attn: Nasim Mohajeri Nav

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(Moss)**
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NO-1538 Moss

Tlf: +47 69 00 52 00
miljo@etn.eurofins.com

AR-25-MM-097756-01

EUNOMO-00476637

Received: 02.09.2025
Temperature:
Analysed between: 02.09.2025 16:30 -
08.09.2025 08:25

Reference: Carlberg
tunnel_bunnrensk_CP1-C
P2_W36-02.09.2025

ANALYTICAL REPORT

Sample code:	439-2025-09020862	Sampled on:	02.09.2025		
Description:	Soil	Sampled by:	Nasim		
Client Sample:	61+525-61+550	Analysis date:	02.09.2025		
bunnrensk-middle section					
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	92.4	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	22	mg/kg dm			Calculation
a) Arsenic (As)	< 0.98	mg/kg dry matter	0.98		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	2.3	mg/kg dry matter	0.97	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	20	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	22	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0098	mg/kg dry matter	0.0098		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	15	mg/kg dry	0.49	25%	SS

Symbol description:

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The results apply to the sample as received.

	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	42 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011
a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	26 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	26 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	26 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than
 >: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

Measurement uncertainty is set with a coverage factor of 2. The decision rule for statements of conformity is based on simple acceptance criteria «shared risk» (w=0, <50% Probability of False Accept). Further description on www.eurofins.no.

For microbiological analyses the confidence interval is specified. Further information regarding measurement uncertainty is available upon request.

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a)	Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9	SPI 2011
a) Aromatics >C16-C35 in soil				
a)	Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1	TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a)	Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a)	Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a)* Oil type in soil and water				
a)*	Oil type < C10	Utgår		Calculation
a)*	Oil type > C10	Ospeg.		Calculation
a) PAH16 in soil excl sum				
a)	Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Chrysene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Naphthalene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluorene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Phenanthrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Pyrene	0.032 mg/kg dry matter	0.03	25% SS-ISO 18287:2008, mod
a)	Benzo(g,h,i)perylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a)	Sum of carcinogenic PAHs	nd		Calculated from analyzed value
a)	Sum total PAH16	0.032 mg/kg dry matter		Calculated from analyzed value
a) PCB7 in soil, sediment				
a)	PCB 28	< 0.0015 mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:2019 mod.
a)	PCB 52	< 0.0015 mg/kg dry matter	0.0015	SS-EN

Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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The results apply to the sample as received.

		matter		16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping

a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Moss 08.09.2025

Customer service center - Eurofins Environment Testing Norway AS

Symbol description:

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The results apply to the sample as received.

MossIA ANS
Postboks 11
1366 LYSAKER
Attn: **Nasim Mohajeri Nav**

ANALYTICAL REPORT

Sample code:	439-2025-09020863	Sampled on:	02.09.2025		
Description:	Soil	Sampled by:	Nasim		
Client Sample:	61+550-61+575	Analysis date:	02.09.2025		
bunnrensk-middle section					
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	93.6	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	19	mg/kg dm			Calculation
a) Arsenic (As)	< 0.97	mg/kg dry matter	0.97		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	3.6	mg/kg dry matter	0.96	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	24	mg/kg dry matter	0.48	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	19	mg/kg dry matter	0.48	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0097	mg/kg dry matter	0.0097		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	15	mg/kg dry	0.48	25%	SS

Symbol description:

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The results apply to the sample as received.

	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	46 mg/kg dry matter	2.1	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011
a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	23 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	23 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	23 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				

Symbol description:

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 >: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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The results apply to the sample as received.

a)	Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9	SPI 2011
a) Aromatics >C16-C35 in soil				
a)	Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1	TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a)	Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a)	Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a)* Oil type in soil and water				
a)*	Oil type < C10	Utgår		Calculation
a)*	Oil type > C10	ospec		Calculation
a) PAH16 in soil excl sum				
a)	Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Chrysene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Naphthalene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluorene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Phenanthrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(g,h,i)perylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a)	Sum of carcinogenic PAHs	nd		Calculated from analyzed value
a)	Sum total PAH16	nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a)	PCB 28	< 0.0015 mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:2019 mod.
a)	PCB 52	< 0.0015 mg/kg dry matter	0.0015	SS-EN

Symbol description:

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The results apply to the sample as received.

		matter		16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping

a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Moss 08.09.2025

Customer service center - Eurofins Environment Testing Norway AS

Symbol description:

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The results apply to the sample as received.

MossIA ANS
Postboks 11
1366 LYSAKER
Attn: **Nasim Mohajeri Nav**

ANALYTICAL REPORT

Sample code:	439-2025-09020864	Sampled on:	02.09.2025			
Description:	Soil	Sampled by:	Nasim			
Client Sample:	61+575-61+600	Analysis date:	02.09.2025			
bunnrensk-middle section						
Analysis		Result	Unit	LOQ:	MU	Method
a) Dry matter in soil						
a)	Dry matter	90.6	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated						
*	Chromium (III)	24	mg/kg dm			Calculation
a)	Arsenic (As)	< 1.0	mg/kg dry matter	1		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a)	Lead (Pb)	5.0	mg/kg dry matter	0.99	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a)	Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu						
a)	Copper (Cu)	20	mg/kg dry matter	0.5	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr						
a)	Chromium (Cr)	24	mg/kg dry matter	0.5	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil						
a)	Mercury (Hg)	< 0.010	mg/kg dry matter	0.01		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni						
a)	Nickel (Ni)	16	mg/kg dry	0.5	25%	SS

Symbol description:

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The results apply to the sample as received.

	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	44 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	0.40 mg/kg dry matter	0.22	40%	fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011
a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	17 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	17 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	17 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				

Symbol description:

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The results apply to the sample as received.

a)	Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9	SPI 2011
a) Aromatics >C16-C35 in soil				
a)	Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1	TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a)	Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a)	Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a)* Oil type in soil and water				
a)*	Oil type < C10	Utgår		Calculation
a)*	Oil type > C10	Ospeg.		Calculation
a) PAH16 in soil excl sum				
a)	Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Chrysene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Naphthalene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluorene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Phenanthrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(g,h,i)perylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a)	Sum of carcinogenic PAHs	nd		Calculated from analyzed value
a)	Sum total PAH16	nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a)	PCB 28	< 0.0015 mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:2019 mod.
a)	PCB 52	< 0.0015 mg/kg dry matter	0.0015	SS-EN

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than

>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

Measurement uncertainty is set with a coverage factor of 2. The decision rule for statements of conformity is based on simple acceptance criteria «shared risk» (w=0, <50% Probability of False Accept). Further description on www.eurofins.no.

For microbiological analyses the confidence interval is specified. Further information regarding measurement uncertainty is available upon request.

The results may not be reproduced except in full without a written approval of the laboratory. The results relate only to the sample analysed.

The laboratory is not responsible when the information is supplied by the customer and can affect the validity of results .

The results apply to the sample as received.

		matter		16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

- a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping
a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Moss 08.09.2025

Customer service center - Eurofins Environment Testing Norway AS

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than
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The results apply to the sample as received.

ANALYTICAL REPORT

Sample code:	439-2025-09020865	Sampled on:	02.09.2025
Description:	Soil	Sampled by:	Nasim
Client Sample:	61+600-61+625	Analysis date:	02.09.2025
	bunnrensk-middle section		

Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	90.8	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	23	mg/kg dm			Calculation
a) Arsenic (As)	< 1.0	mg/kg dry matter	1		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	4.4	mg/kg dry matter	0.99	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	20	mg/kg dry matter	0.5	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	23	mg/kg dry matter	0.5	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.010	mg/kg dry matter	0.01		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	16	mg/kg dry	0.5	25%	SS

Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

Measurement uncertainty is set with a coverage factor of 2. The decision rule for statements of conformity is based on simple acceptance criteria «shared risk» (w=0, <50% Probability of False Accept). Further description on www.eurofins.no.

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The results apply to the sample as received.

	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	37 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.23 mg/kg dry matter	0.23		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011
a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	14 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	14 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	14 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than
 >: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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The results apply to the sample as received.

a)	Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9	SPI 2011
a) Aromatics >C16-C35 in soil				
a)	Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1	TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a)	Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a)	Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a)* Oil type in soil and water				
a)*	Oil type < C10	Utgår		Calculation
a)*	Oil type > C10	Ospeg.		Calculation
a) PAH16 in soil excl sum				
a)	Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Chrysene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Naphthalene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluorene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Phenanthrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(g,h,i)perylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a)	Sum of carcinogenic PAHs	nd		Calculated from analyzed value
a)	Sum total PAH16	nd		Calculated from analyzed value
a) PCB7 in soil, sediment				
a)	PCB 28	< 0.0015 mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:2019 mod.
a)	PCB 52	< 0.0015 mg/kg dry	0.0015	SS-EN

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than

>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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The results apply to the sample as received.

		matter		16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping

a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Moss 08.09.2025

Customer service center - Eurofins Environment Testing Norway AS

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than

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The results apply to the sample as received.

ANALYTICAL REPORT

Sample code:	439-2025-09020866	Sampled on:	02.09.2025
Description:	Soil	Sampled by:	Nasim
Client Sample:	61+625-61+650	Analysis date:	02.09.2025
	bunnrensk-middle section		

Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	91.4	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	35	mg/kg dm			Calculation
a) Arsenic (As)	< 0.99	mg/kg dry matter	0.99		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	3.0	mg/kg dry matter	0.98	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	41	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	35	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0100	mg/kg dry matter	0.0099		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	36	mg/kg dry	0.49	25%	SS

Symbol description:

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The results apply to the sample as received.

	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	33 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011
a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	5.9 mg/kg dry matter	5	30%	SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	49 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	55 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	55 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				

Symbol description:

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The results apply to the sample as received.

a)	Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9	SPI 2011
a) Aromatics >C16-C35 in soil				
a)	Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1	TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a)	Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a)	Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a)* Oil type in soil and water				
a)*	Oil type < C10	Utgår		Calculation
a)*	Oil type > C10	Ospeg.		Calculation
a) PAH16 in soil excl sum				
a)	Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Chrysene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Naphthalene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluorene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Phenanthrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Pyrene	0.041 mg/kg dry matter	0.03	25% SS-ISO 18287:2008, mod
a)	Benzo(g,h,i)perylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a)	Sum of carcinogenic PAHs	nd		Calculated from analyzed value
a)	Sum total PAH16	0.041 mg/kg dry matter		Calculated from analyzed value
a) PCB7 in soil, sediment				
a)	PCB 28	< 0.0015 mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:2019 mod.
a)	PCB 52	< 0.0015 mg/kg dry matter	0.0015	SS-EN

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than

>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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The results apply to the sample as received.

		matter		16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping

a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Moss 08.09.2025


Kjetil Sjaastad

Analytical Service Manager

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than

>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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The results apply to the sample as received.

MossIA ANS
Postboks 11
1366 LYSAKER
Attn: **Nasim Mohajeri Nav**

ANALYTICAL REPORT

Sample code:	439-2025-09020868	Sampled on:	02.09.2025			
Description:	Soil	Sampled by:	Nasim			
Client Sample:	61+650-61+675	Analysis date:	02.09.2025			
bunnrensk-middle section						
Analysis		Result	Unit	LOQ:	MU	Method
a) Dry matter in soil						
a)	Dry matter	92.2	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated						
*	Chromium (III)	33	mg/kg dm			Calculation
a)	Arsenic (As)	< 0.98	mg/kg dry matter	0.98		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a)	Lead (Pb)	2.2	mg/kg dry matter	0.98	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a)	Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu						
a)	Copper (Cu)	39	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr						
a)	Chromium (Cr)	33	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil						
a)	Mercury (Hg)	< 0.0098	mg/kg dry matter	0.0098		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni						
a)	Nickel (Ni)	35	mg/kg dry	0.49	25%	SS

Symbol description:

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The results apply to the sample as received.

	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	30 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011
a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	13 mg/kg dry matter	5	30%	SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	74 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	87 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	87 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				

Symbol description:

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a)	Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9	SPI 2011
a) Aromatics >C16-C35 in soil				
a)	Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1	TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a)	Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a)	Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a)* Oil type in soil and water				
a)*	Oil type < C10	Utgår		Calculation
a)*	Oil type > C10	Ospeg.		Calculation
a) PAH16 in soil excl sum				
a)	Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Chrysene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Naphthalene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluorene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Phenanthrene	0.059 mg/kg dry matter	0.03	30% SS-ISO 18287:2008, mod
a)	Anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Pyrene	0.061 mg/kg dry matter	0.03	25% SS-ISO 18287:2008, mod
a)	Benzo(g,h,i)perylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a)	Sum of carcinogenic PAHs	nd		Calculated from analyzed value
a)	Sum total PAH16	0.12 mg/kg dry matter		Calculated from analyzed value
a) PCB7 in soil, sediment				
a)	PCB 28	< 0.0015 mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:2019 mod.
a)	PCB 52	< 0.0015 mg/kg dry matter	0.0015	SS-EN

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The results apply to the sample as received.

		matter		16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping

a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Moss 08.09.2025

Customer service center - Eurofins Environment Testing Norway AS

Symbol description:

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MossIA ANS
Postboks 11
1366 LYSAKER
Attn: Nasim Mohajeri Nav

ANALYTICAL REPORT

Sample code:	439-2025-09020873	Sampled on:	02.09.2025
Description:	Soil	Sampled by:	Nasim
Client Sample:	61+675-61+700	Analysis date:	02.09.2025
	bunnrensk-middle section		

Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	91.8	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	35	mg/kg dm			Calculation
a) Arsenic (As)	< 0.99	mg/kg dry matter	0.99		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	3.5	mg/kg dry matter	0.98	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	35	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	35	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0100	mg/kg dry matter	0.0099		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	26	mg/kg dry	0.49	25%	SS

Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	40 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	< 0.22 mg/kg dry matter	0.22		fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011
a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	8.5 mg/kg dry matter	5	30%	SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	27 mg/kg dry matter	5	30%	SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	56 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	92 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	83 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				

Symbol description:

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a)	Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9	SPI 2011
a) Aromatics >C16-C35 in soil				
a)	Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1	TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a)	Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a)	Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a)* Oil type in soil and water				
a)*	Oil type < C10	Utgår		Calculation
a)*	Oil type > C10	Ospeg.		Calculation
a) PAH16 in soil excl sum				
a)	Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Chrysene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Naphthalene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluorene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Phenanthrene	0.031 mg/kg dry matter	0.03	30% SS-ISO 18287:2008, mod
a)	Anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Pyrene	0.038 mg/kg dry matter	0.03	25% SS-ISO 18287:2008, mod
a)	Benzo(g,h,i)perylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a)	Sum of carcinogenic PAHs	nd		Calculated from analyzed value
a)	Sum total PAH16	0.069 mg/kg dry matter		Calculated from analyzed value
a) PCB7 in soil, sediment				
a)	PCB 28	< 0.0015 mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:2019 mod.
a)	PCB 52	< 0.0015 mg/kg dry matter	0.0015	SS-EN

Symbol description:

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The results apply to the sample as received.

		matter		16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping

a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Moss 08.09.2025


Kjetil Sjaastad

Analytical Service Manager

Symbol description:

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>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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The results apply to the sample as received.

AR-25-MM-120446-01**EUNOMO-00483659**

Received: 17.10.2025

Temperature:

Analysed between: 17.10.2025 16:10 -
23.10.2025 09:25Reference: Carlberg tunnel
south_bunnrensk_17.10.2
025MossIA ANS
Postboks 11
1366 LYSAKER
Attn: Nasim Mohajeri Nav

ANALYTICAL REPORT

Sample code:	439-2025-10170569	Sampled on:	17.10.2025
Description:	Soil	Sampled by:	Nasim
Client Sample:	62+275-62+300	Analysis date:	17.10.2025
	bunnrensk-middle section		

Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	87.5	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	24	mg/kg dm			Calculation
a) Arsenic (As)	1.7	mg/kg dry matter	1	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	6.9	mg/kg dry matter	1	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.21	mg/kg dry matter	0.21		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	44	mg/kg dry matter	0.51	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	26	mg/kg dry matter	0.51	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.011	mg/kg dry matter	0.011		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	15	mg/kg dry	0.51	25%	SS

Symbol description:

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The results apply to the sample as received.

	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	58 mg/kg dry matter	2.3	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	1.9 mg/kg dry matter	0.23	40%	fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011
a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	11 mg/kg dry matter	5	30%	SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	93 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	100 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	100 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				

Symbol description:

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 >: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

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a)	Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9	SPI 2011
a) Aromatics >C16-C35 in soil				
a)	Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1	TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a)	Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a)	Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a)* Oil type in soil and water				
a)*	Oil type < C10	Utgår		Calculation
a)*	Oil type > C10	ospec		Calculation
a) PAH16 in soil excl sum				
a)	Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Chrysene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Naphthalene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluorene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Phenanthrene	0.030 mg/kg dry matter	0.03	30% SS-ISO 18287:2008, mod
a)	Anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(g,h,i)perylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a)	Sum of carcinogenic PAHs	nd		Calculated from analyzed value
a)	Sum total PAH16	0.030 mg/kg dry matter		Calculated from analyzed value
a) PCB7 in soil, sediment				
a)	PCB 28	< 0.0015 mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:2019 mod.
a)	PCB 52	< 0.0015 mg/kg dry matter	0.0015	SS-EN

Symbol description:

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For microbiological analyses the confidence interval is specified. Further information regarding measurement uncertainty is available upon request.

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The results apply to the sample as received.

		matter		16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping

a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Moss 23.10.2025

Customer service center - Eurofins Environment Testing Norway AS

Symbol description:

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MossIA ANS
Postboks 11
1366 LYSAKER
Attn: **Nasim Mohajeri Nav**

AR-25-MM-120433-01

EUNOMO-00483659

Received: 17.10.2025
Temperature:
Analysed between: 17.10.2025 16:10 -
23.10.2025 09:18

Reference: Carlberg tunnel
south_bunnrensk_17.10.2
025

ANALYTICAL REPORT

Sample code:	439-2025-10170570	Sampled on:	17.10.2025		
Description:	Soil	Sampled by:	Nasim		
Client Sample:	62+300-62+325	Analysis date:	17.10.2025		
bunnrensk-middle section					
Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	91.4	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	24	mg/kg dm			Calculation
a) Arsenic (As)	1.1	mg/kg dry matter	0.99	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	5.6	mg/kg dry matter	0.99	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	33	mg/kg dry matter	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	25	mg/kg dry matter	0.49	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0099	mg/kg dry matter	0.0099		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	16	mg/kg dry	0.49	25%	SS

Symbol description:

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The results apply to the sample as received.

	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	54 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	0.59 mg/kg dry matter	0.22	40%	fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011
a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	12 mg/kg dry matter	5	30%	SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	73 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	85 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	85 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				

Symbol description:

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a)	Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9	SPI 2011
a) Aromatics >C16-C35 in soil				
a)	Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1	TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a)	Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a)	Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a)* Oil type in soil and water				
a)*	Oil type < C10	Utgår		Calculation
a)*	Oil type > C10	motorolja. ospec		Calculation
a) PAH16 in soil excl sum				
a)	Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Chrysene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Naphthalene	0.068 mg/kg dry matter	0.03	45% SS-ISO 18287:2008, mod
a)	Acenaphthylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluorene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Phenanthrene	0.062 mg/kg dry matter	0.03	30% SS-ISO 18287:2008, mod
a)	Anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Pyrene	0.051 mg/kg dry matter	0.03	25% SS-ISO 18287:2008, mod
a)	Benzo(g,h,i)perylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a)	Sum of carcinogenic PAHs	nd		Calculated from analyzed value
a)	Sum total PAH16	0.18 mg/kg dry matter		Calculated from analyzed value
a) PCB7 in soil, sediment				
a)	PCB 28	< 0.0015 mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:2019 mod.
a)	PCB 52	< 0.0015 mg/kg dry matter	0.0015	SS-EN

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The results apply to the sample as received.

		matter		16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjöhogsg. 3, SE-53119, Lidköping

a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjöhogsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Moss 23.10.2025

Customer service center - Eurofins Environment Testing Norway AS

Symbol description:

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The results apply to the sample as received.

ANALYTICAL REPORT

Sample code:	439-2025-10170571	Sampled on:	17.10.2025
Description:	Soil	Sampled by:	Nasim
Client Sample:	62+325-62+350	Analysis date:	17.10.2025
	bunnrensk-middle section		

Analysis	Result	Unit	LOQ:	MU	Method
a) Dry matter in soil					
a) Dry matter	90.7	%	0.1	10%	SS-EN 12880:2000 mod.
* Chromium 3+, calculated					
* Chromium (III)	20	mg/kg dm			Calculation
a) Arsenic (As)	< 1.00	mg/kg dry matter	1		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Lead (Pb)	4.0	mg/kg dry matter	0.99	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Cadmium (Cd)	< 0.20	mg/kg dry matter	0.2		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Copper Cu					
a) Copper (Cu)	22	mg/kg dry matter	0.5	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Chromium Cr					
a) Chromium (Cr)	21	mg/kg dry matter	0.5	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Mercury Hg in soil					
a) Mercury (Hg)	< 0.0100	mg/kg dry matter	0.01		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nickel Ni					
a) Nickel (Ni)	13	mg/kg dry	0.5	25%	SS

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The results apply to the sample as received.

	matter			28311:2017mod/SS- EN ISO 17294-2:2023
a) Zinc Zn in soil				
a) Zinc (Zn)	54 mg/kg dry matter	2.2	25%	SS 28311:2017mod/SS- EN ISO 17294-2:2023
a) Crome 6+ in solid samples				
a) Chromium (VI)	0.75 mg/kg dry matter	0.22	40%	fd ISO 15192:2010
a) Benzene in soil				
a) Benzene	< 0.0035 mg/kg dry matter	0.0035		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluene in soil				
a) Toluene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Ethylbenzene in soil				
a) Ethylbenzene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) M/P/O-Xylene in soil				
a) m/p/o-Xylene	< 0.10 mg/kg dry matter	0.1		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Aliphatics C5-C6 in soil				
a) Aliphates C5-C6	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C6-C8 in soil				
a) Aliphatics >C6 - C8	< 7.0 mg/kg dry matter	7		SPI 2011
a) Aliphatics >C8-C10 in soil				
a) Aliphatics >C8-C10	< 3.0 mg/kg dry matter	3		SPI 2011
a) Aliphatics >C10-C12 in soil				
a) Aliphatics >C10 - C12	< 5.0 mg/kg dry matter	5		SPI 2011
a) Aliphatics >C12-C16 in soil				
a) Aliphatics >C12 - C16	5.2 mg/kg dry matter	5	30%	SPI 2011
a) Aliphatics >C16-C35 in soil				
a) Aliphatics >C16-C35	45 mg/kg dry matter	10	30%	SPI 2011
a) Aliphatics C5-C35 and >C12- C35 in soil				
a) Sum Aliphatics >C5-C35	50 mg/kg dry matter	20		Calculated from analyzed value
a) Sum Aliphatics >C12-C35	50 mg/kg dry matter	8		Calculated from analyzed value
a) Aromatics >C8-C10 in soil				
a) Aromatics >C8-C10	< 4.0 mg/kg dry matter	4		SPI 2011
a) Aromatics >C10-C16 in soil				

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than
 >: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

Measurement uncertainty is set with a coverage factor of 2. The decision rule for statements of conformity is based on simple acceptance criteria «shared risk» (w=0, <50% Probability of False Accept). Further description on www.eurofins.no.

For microbiological analyses the confidence interval is specified. Further information regarding measurement uncertainty is available upon request.

The results may not be reproduced except in full without a written approval of the laboratory. The results relate only to the sample analysed.

The laboratory is not responsible when the information is supplied by the customer and can affect the validity of results .

The results apply to the sample as received.

a)	Aromatics >C10-C16	< 0.90 mg/kg dry matter	0.9	SPI 2011
a) Aromatics >C16-C35 in soil				
a)	Sum Aromatics >C16-C35	< 0.50 mg/kg dry matter	1	TK 535 N 012
a) Methylchrysenes/benzo(a)anthracenes in soil				
a)	Methylchrysenes/Methylbenzo(a)anthracenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a) Methylpyrene/fluoranthene in soil				
a)	Methylpyrenes/Methylfluoranthenes	< 0.50 mg/kg dry matter	0.5	TK 535 N 012
a)* Oil type in soil and water				
a)*	Oil type < C10	Utgår		Calculation
a)*	Oil type > C10	motorolja. ospec		Calculation
a) PAH16 in soil excl sum				
a)	Benzo(a)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Chrysene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(b+k)fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Benzo(a)pyren	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Indeno(1,2,3-cd)pyrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Dibenzo(a,h)anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Naphthalene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Acenaphthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluorene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Phenanthrene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Anthracene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Fluoranthene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a)	Pyrene	0.039 mg/kg dry matter	0.03	25% SS-ISO 18287:2008, mod
a)	Benzo(g,h,i)perylene	< 0.030 mg/kg dry matter	0.03	SS-ISO 18287:2008, mod
a) Sum PAH tot in soil and carcinogenic				
a)	Sum of carcinogenic PAHs	nd		Calculated from analyzed value
a)	Sum total PAH16	0.039 mg/kg dry matter		Calculated from analyzed value
a) PCB7 in soil, sediment				
a)	PCB 28	< 0.0015 mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:2019 mod.
a)	PCB 52	< 0.0015 mg/kg dry matter	0.0015	SS-EN

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than

>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

Measurement uncertainty is set with a coverage factor of 2. The decision rule for statements of conformity is based on simple acceptance criteria «shared risk» (w=0, <50% Probability of False Accept). Further description on www.eurofins.no.

For microbiological analyses the confidence interval is specified. Further information regarding measurement uncertainty is available upon request.

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The results apply to the sample as received.

		matter		16167:2018+AC:201 9 mod.
a) PCB 101	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 118	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 153	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.0015	mg/kg dry matter	0.0015	SS-EN 16167:2018+AC:201 9 mod.
a) Sum PCB7		nd		SS-EN 16167:2018+AC:201 9 mod.

Test was performed by / subcontractor:

a)* Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping

a) Eurofins Environment Sweden AB (Lidköping), Box 887, Sjölagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

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Moss 23.10.2025

Customer service center - Eurofins Environment Testing Norway AS

Symbol description:

* Not part of the accreditation LOQ: Limit of Quantification LOD: Limit of Detection MU: Measurement Uncertainty <: Less than

>: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'. Result "Detected" means greater than LOQ/ LOD

Measurement uncertainty is set with a coverage factor of 2. The decision rule for statements of conformity is based on simple acceptance criteria «shared risk» (w=0, <50% Probability of False Accept). Further description on www.eurofins.no.

For microbiological analyses the confidence interval is specified. Further information regarding measurement uncertainty is available upon request.

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The results apply to the sample as received.

Park & Anlegg AS
Gamle Kongevei 101
1712 Grålum

Attn: Marianne Malm-Johnsen

AR-26-MM-057602-01

EUNOMO-00512245

Prøvemottak: 29.05.2026

Temperatur:

Analyseperiode: 29.05.2026 09:10 -
01.06.2026 11:55

Referanse: Prøveuttak av bunnrensk

ANALYSERAPPORT

Prøvenr.:	439-2026-05290304	Prøvetakingsdato:	28.05.2026		
Prøvetype:	Jord	Prøvetaker:	AH		
Prøvemerkning:	Bunnrensk 1 (kant)	Analysestartdato:	29.05.2026		
Analyse	Resultat	Enhet	LOQ	MU	Metode
a) Tørrstoff - faste prøver					
a) Totalt tørrstoff	87.6	%	0.1	10%	SS-EN 12880:2000 mod.
a) Arsen (As) Premium LOQ					
a) Arsen (As)	1.4	mg/kg TS	0.51	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Bly (Pb)	6.5	mg/kg TS	0.51	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Kadmium (Cd)	0.055	mg/kg TS	0.01	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Kobber (Cu)	18	mg/kg TS	0.51	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Krom (Cr)	19	mg/kg TS	1	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Kvikksølv (Hg)	< 0.010	mg/kg TS	0.01		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nikkel (Ni)	12	mg/kg TS	0.51	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Sink (Zn)	49	mg/kg TS	2.3	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023

Tegnforklaring:

* Ikke omfattet av akkrediteringen LOQ: Kvantifiseringsgrense LOD: Deteksjonsgrense MU: Måleusikkerhet <: Mindre enn >: Større enn
nd: Not detected/ ikke påvist. Bakteriologiske resultater angitt som <1,<50 e.l. betyr «ikke påvist». Resultat «Påvist» betyr større enn LOQ/ LOD

Måleusikkerhet er angitt med dekningsfaktor k=2. Beslutningsregel for vurdering av om resultatet er utenfor grenseverdi/-området, er basert på enkle akseptkriterier «delt risiko» (w=0, <50% Probability of False Accept). Det henvises til www.eurofins.no for nærmere beskrivelse.

For mikrobiologiske analyser oppgis konfidensintervallet. Ytterligere opplysninger om måleusikkerhet fås ved henvendelse til laboratoriet.

Rapporten må ikke gjengis, unntatt i sin helhet, uten laboratoriets skriftlige godkjenning. Resultatene gjelder kun for de(n) undersøkte prøven(e).

Eurofins er ikke ansvarlig for informasjon oppgitt fra kunde, eller i de tilfeller hvor oppgitt informasjon kan påvirke gyldigheten til analyseresultatene.

Resultater gjelder prøven slik den ble mottatt hos laboratoriet.

a) Krom (VI)	0.82 mg/kg TS	0.23	40%	SS-EN 15192:2025
a) Alifater C5-C6	< 7.0 mg/kg TS	7		SPI 2011
a) Alifater >C6-C8	< 7.0 mg/kg TS	7		SPI 2011
a) Alifater >C8-C10	< 3.0 mg/kg TS	3		SPI 2011
a) Alifater >C10-C12	< 5.0 mg/kg TS	5		SPI 2011
a) Alifater >C12-C16	< 5.0 mg/kg TS	5		SPI 2011
a) Alifater >C16-C35	50 mg/kg TS	10	35%	SPI 2011
a) PAH(16) Premium LOQ				
a) Naftalen	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Acenaftylen	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Acenaften	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Fluoren	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Fenantren	0.016 mg/kg TS	0.01	35%	SS-ISO 18287:2008, mod
a) Antracen	< 0.0046 mg/kg TS	0.0046		SS-ISO 18287:2008, mod
a) Fluoranten	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Pyren	0.016 mg/kg TS	0.01	30%	SS-ISO 18287:2008, mod
a) Benzo[a]antracen	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Krysen/Trifenylen	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Benzo[b]fluoranten	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Benzo[k]fluoranten	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Benzo[a]pyren	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Indeno[1,2,3-cd]pyren	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Dibenzo[a,h]antracen	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Benzo[ghi]perylene	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Sum PAH(16) EPA	0.032 mg/kg TS			SS-ISO 18287:2008, mod
a) PCB(7) Premium LOQ				
a) PCB 28	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:2019 mod.
a) PCB 52	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:2019 mod.
a) PCB 101	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:2019 mod.
a) PCB 118	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:2019 mod.

Tegnforklaring:

* Ikke omfattet av akkrediteringen LOQ: Kvantifiseringsgrense LOD: Deteksjonsgrense MU: Måleusikkerhet <: Mindre enn >: Større enn
 nd: Not detected/ ikke påvist. Bakteriologiske resultater angitt som <1, <50 e.l. betyr «ikke påvist». Resultat «Påvist» betyr større enn LOQ/ LOD

Måleusikkerhet er angitt med dekningsfaktor k=2. Beslutningsregel for vurdering av om resultatet er utenfor grenseverdi/-området, er basert på enkle akseptkriterier «delt risiko» (w=0, <50% Probability of False Accept). Det henvises til www.eurofins.no for nærmere beskrivelse.

For mikrobiologiske analyser oppgis konfidensintervallet. Ytterligere opplysninger om måleusikkerhet fås ved henvendelse til laboratoriet.

Rapporten må ikke gjengis, unntatt i sin helhet, uten laboratoriets skriftlige godkjenning. Resultatene gjelder kun for de(n) undersøkte prøven(e).

Eurofins er ikke ansvarlig for informasjon oppgitt fra kunde, eller i de tilfeller hvor oppgitt informasjon kan påvirke gyldigheten til analyseresultatene.

Resultater gjelder prøven slik den ble mottatt hos laboratoriet.

a) PCB 153	< 0.00050 mg/kg TS	0.0005	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.00050 mg/kg TS	0.0005	SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.00050 mg/kg TS	0.0005	SS-EN 16167:2018+AC:201 9 mod.
a) Sum 7 PCB	nd		SS-EN 16167:2018+AC:201 9 mod.
a) Totalt tørrstoff glødetap	0.6 % TS	0.1	20% SS-EN 12879:2000
* Alifater >C12-C35	50 mg/kg TS	8	Beregnet
* Alifater C5-C35	50 mg/kg TS	20	Beregnet
a) BTEX (TEX Premium LOQ)			
a) Benzen	< 0.010 mg/kg TS	0.01	Internal Method EPA 5021, LidMiljö.0A.01.09
a) Etylbenzen	< 0.010 mg/kg TS	0.01	Internal Method EPA 5021, LidMiljö.0A.01.09
a) m,p-Xylen	< 0.020 mg/kg TS	0.02	Internal Method EPA 5021, LidMiljö.0A.01.09
a) o-Xylen	< 0.010 mg/kg TS	0.01	Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluen	< 0.010 mg/kg TS	0.01	Internal Method EPA 5021, LidMiljö.0A.01.09
a) Totalt organisk karbon (TOC) - Beregnet	0.34 % TS		Internal Method Calculated from analyzed value
a) BTEX (TEX Premium LOQ)			
a) Xylener (sum)	< 0.030 mg/kg TS	0.03	Internal Method EPA 5021, LidMiljö.0A.01.09

Utførende laboratorium/ Underleverandør:

a) Eurofins Environment Sweden AB (Lidköping), Box 737, Sjöhagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

Moss 01.06.2026

Kundesenter - Eurofins Environment Testing Norway AS

Tegnforklaring:

* Ikke omfattet av akkrediteringen LOQ: Kvantifiseringsgrense LOD: Deteksjonsgrense MU: Måleusikkerhet <: Mindre enn >: Større enn
 nd: Not detected/ ikke påvist. Bakteriologiske resultater angitt som <1, <50 e.l. betyr «ikke påvist». Resultat «Påvist» betyr større enn LOQ/ LOD

Måleusikkerhet er angitt med dekningsfaktor k=2. Beslutningsregel for vurdering av om resultatet er utenfor grenseverdi/-området, er basert på enkle akseptkriterier «delt risiko» (w=0, <50% Probability of False Accept). Det henvises til www.eurofins.no for nærmere beskrivelse.

For mikrobiologiske analyser oppgis konfidensintervallet. Ytterligere opplysninger om måleusikkerhet fås ved henvendelse til laboratoriet.

Rapporten må ikke gjengis, unntatt i sin helhet, uten laboratoriets skriftlige godkjenning. Resultatene gjelder kun for de(n) undersøkte prøven(e).

Eurofins er ikke ansvarlig for informasjon oppgitt fra kunde, eller i de tilfeller hvor oppgitt informasjon kan påvirke gyldigheten til analyseresultatene.

Resultater gjelder prøven slik den ble mottatt hos laboratoriet.

Park & Anlegg AS
Gamle Kongevei 101
1712 Grålum
Attn: Marianne Malm-Johnsen

AR-26-MM-057599-01

EUNOMO-00512245

Prøvemottak: 29.05.2026
Temperatur:
Analyseperiode: 29.05.2026 09:10 -
01.06.2026 11:55

Referanse: Prøveuttak av bunnrensk

ANALYSERAPPORT

Prøvenr.:	439-2026-05290305	Prøvetakingsdato:	28.05.2026		
Prøvetype:	Jord	Prøvetaker:	AH		
Prøvemerkning:	Bunnrensk 2 (kant)	Analysestartdato:	29.05.2026		
Analyse	Resultat	Enhet	LOQ	MU	Metode
a) Tørrstoff - faste prøver					
a) Totalt tørrstoff	88.7	%	0.1	10%	SS-EN 12880:2000 mod.
a) Arsen (As) Premium LOQ					
a) Arsen (As)	1.1	mg/kg TS	0.51	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Bly (Pb)	5.5	mg/kg TS	0.51	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Kadmium (Cd)	0.038	mg/kg TS	0.01	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Kobber (Cu)	14	mg/kg TS	0.51	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Krom (Cr)	17	mg/kg TS	1	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Kvikksølv (Hg)	< 0.010	mg/kg TS	0.01		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nikkel (Ni)	10	mg/kg TS	0.51	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Sink (Zn)	46	mg/kg TS	2.3	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023

Tegnforklaring:

* Ikke omfattet av akkrediteringen LOQ: Kvantifiseringsgrense LOD: Deteksjonsgrense MU: Måleusikkerhet <: Mindre enn >: Større enn
nd: Not detected/ ikke påvist. Bakteriologiske resultater angitt som <1,<50 e.l. betyr «ikke påvist». Resultat «Påvist» betyr større enn LOQ/ LOD

Måleusikkerhet er angitt med dekningsfaktor k=2. Beslutningsregel for vurdering av om resultatet er utenfor grenseverdi/-området, er basert på enkle akseptkriterier «delt risiko» (w=0, <50% Probability of False Accept). Det henvises til www.eurofins.no for nærmere beskrivelse.

For mikrobiologiske analyser oppgis konfidensintervallet. Ytterligere opplysninger om måleusikkerhet fås ved henvendelse til laboratoriet.

Rapporten må ikke gjengis, unntatt i sin helhet, uten laboratoriets skriftlige godkjenning. Resultatene gjelder kun for de(n) undersøkte prøven(e).

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Resultater gjelder prøven slik den ble mottatt hos laboratoriet.

a) Krom (VI)	0.30 mg/kg TS	0.23	40%	SS-EN 15192:2025
a) Alifater C5-C6	< 7.0 mg/kg TS	7		SPI 2011
a) Alifater >C6-C8	< 7.0 mg/kg TS	7		SPI 2011
a) Alifater >C8-C10	< 3.0 mg/kg TS	3		SPI 2011
a) Alifater >C10-C12	< 5.0 mg/kg TS	5		SPI 2011
a) Alifater >C12-C16	47 mg/kg TS	5	35%	SPI 2011
a) Alifater >C16-C35	96 mg/kg TS	10	35%	SPI 2011
a) PAH(16) Premium LOQ				
a) Naftalen	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Acenaftylen	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Acenaften	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Fluoren	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Fenantren	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Antracen	< 0.0046 mg/kg TS	0.0046		SS-ISO 18287:2008, mod
a) Fluoranten	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Pyren	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Benzo[a]antracen	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Krysen/Trifenylen	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Benzo[b]fluoranten	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Benzo[k]fluoranten	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Benzo[a]pyren	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Indeno[1,2,3-cd]pyren	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Dibenzo[a,h]antracen	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Benzo[ghi]perylene	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Sum PAH(16) EPA	nd			SS-ISO 18287:2008, mod
a) PCB(7) Premium LOQ				
a) PCB 28	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:2019 mod.
a) PCB 52	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:2019 mod.
a) PCB 101	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:2019 mod.
a) PCB 118	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:2019 mod.

Tegnforklaring:

* Ikke omfattet av akkrediteringen LOQ: Kvantifiseringsgrense LOD: Deteksjonsgrense MU: Måleusikkerhet <: Mindre enn >: Større enn
 nd: Not detected/ ikke påvist. Bakteriologiske resultater angitt som <1, <50 e.l. betyr «ikke påvist». Resultat «Påvist» betyr større enn LOQ/ LOD

Måleusikkerhet er angitt med dekningsfaktor k=2. Beslutningsregel for vurdering av om resultatet er utenfor grenseverdi/-området, er basert på enkle akseptkriterier «delt risiko» (w=0, <50% Probability of False Accept). Det henvises til www.eurofins.no for nærmere beskrivelse.

For mikrobiologiske analyser oppgis konfidensintervallet. Ytterligere opplysninger om måleusikkerhet fås ved henvendelse til laboratoriet.

Rapporten må ikke gjengis, unntatt i sin helhet, uten laboratoriets skriftlige godkjenning. Resultatene gjelder kun for de(n) undersøkte prøven(e).

Eurofins er ikke ansvarlig for informasjon oppgitt fra kunde, eller i de tilfeller hvor oppgitt informasjon kan påvirke gyldigheten til analyseresultatene.

Resultater gjelder prøven slik den ble mottatt hos laboratoriet.

a) PCB 153	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:201 9 mod.
a) Sum 7 PCB	nd			SS-EN 16167:2018+AC:201 9 mod.
a) Totalt tørrstoff glødetap	1.1 % TS	0.1	20%	SS-EN 12879:2000
* Alifater >C12-C35	140 mg/kg TS	8		Beregnet
* Alifater C5-C35	143 mg/kg TS	20		Beregnet
a) BTEX (TEX Premium LOQ)				
a) Benzen	< 0.010 mg/kg TS	0.01		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Etylbenzen	< 0.010 mg/kg TS	0.01		Internal Method EPA 5021, LidMiljö.0A.01.09
a) m,p-Xylen	< 0.020 mg/kg TS	0.02		Internal Method EPA 5021, LidMiljö.0A.01.09
a) o-Xylen	< 0.010 mg/kg TS	0.01		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluen	< 0.010 mg/kg TS	0.01		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Totalt organisk karbon (TOC) - Beregnet	0.63 % TS			Internal Method Calculated from analyzed value
a) BTEX (TEX Premium LOQ)				
a) Xylener (sum)	< 0.030 mg/kg TS	0.03		Internal Method EPA 5021, LidMiljö.0A.01.09

Utførende laboratorium/ Underleverandør:

a) Eurofins Environment Sweden AB (Lidköping), Box 737, Sjöhagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

Moss 01.06.2026

Kundesenter - Eurofins Environment Testing Norway AS

Tegnforklaring:

* Ikke omfattet av akkrediteringen LOQ: Kvantifiseringsgrense LOD: Deteksjonsgrense MU: Måleusikkerhet <: Mindre enn >: Større enn
 nd: Not detected/ ikke påvist. Bakteriologiske resultater angitt som <1,<50 e.l. betyr «ikke påvist». Resultat «Påvist» betyr større enn LOQ/ LOD

Måleusikkerhet er angitt med dekningsfaktor k=2. Beslutningsregel for vurdering av om resultatet er utenfor grenseverdi/-området, er basert på enkle akseptkriterier «delt risiko» (w=0, <50% Probability of False Accept). Det henvises til www.eurofins.no for nærmere beskrivelse.

For mikrobiologiske analyser oppgis konfidensintervallet. Ytterligere opplysninger om måleusikkerhet fås ved henvendelse til laboratoriet.

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Resultater gjelder prøven slik den ble mottatt hos laboratoriet.

Park & Anlegg AS
Gamle Kongevei 101
1712 Grålum
Attn: Marianne Malm-Johnsen

AR-26-MM-064993-01

EUNOMO-00512662

Prøvemottak: 02.06.2026
Temperatur:
Analyseperiode: 02.06.2026 11:45 -
15.06.2026 12:40

Referanse: Prøveuttak av bunnrensk

ANALYSERAPPORT

Prøvenr.:	439-2026-06020425	Prøvetakingsdato:	28.05.2026		
Prøvetype:	Jord	Prøvetaker:	AH		
Prøvemerkning:	Bunnrensk 3 (midten)	Analysestartdato:	02.06.2026		
Analyse	Resultat	Enhet	LOQ	MU	Metode
a) Tørrstoff - faste prøver					
a) Totalt tørrstoff	91.6	%	0.1	10%	SS-EN 12880:2000 mod.
a) Arsen (As) Premium LOQ					
a) Arsen (As)	0.99	mg/kg TS	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Bly (Pb)	5.3	mg/kg TS	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Kadmium (Cd)	0.049	mg/kg TS	0.0098	30%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Kobber (Cu)	27	mg/kg TS	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Krom (Cr)	25	mg/kg TS	0.98	35%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Kvikksølv (Hg)	< 0.0098	mg/kg TS	0.0098		SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Nikkel (Ni)	20	mg/kg TS	0.49	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023
a) Sink (Zn)	50	mg/kg TS	2.2	25%	SS 28311:2017mod/SS-EN ISO 17294-2:2023

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nd: Not detected/ ikke påvist. Bakteriologiske resultater angitt som <1,<50 e.l. betyr «ikke påvist». Resultat «Påvist» betyr større enn LOQ/ LOD

Måleusikkerhet er angitt med dekningsfaktor k=2. Beslutningsregel for vurdering av om resultatet er utenfor grenseverdi/-området, er basert på enkle akseptkriterier «delt risiko» (w=0, <50% Probability of False Accept). Det henvises til www.eurofins.no for nærmere beskrivelse.

For mikrobiologiske analyser oppgis konfidensintervallet. Ytterligere opplysninger om måleusikkerhet fås ved henvendelse til laboratoriet.

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Resultater gjelder prøven slik den ble mottatt hos laboratoriet.

a) Krom (VI)	0.31 mg/kg TS	0.22	40%	SS-EN 15192:2025
a) Alifater C5-C6	< 7.0 mg/kg TS	7		SPI 2011
a) Alifater >C6-C8	< 7.0 mg/kg TS	7		SPI 2011
a) Alifater >C8-C10	< 3.0 mg/kg TS	3		SPI 2011
a) Alifater >C10-C12	< 5.0 mg/kg TS	5		SPI 2011
a) Alifater >C12-C16	6.0 mg/kg TS	5	35%	SPI 2011
a) Alifater >C16-C35	37 mg/kg TS	10	35%	SPI 2011
a) PAH(16) Premium LOQ				
a) Naftalen	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Acenaftylen	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Acenaften	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Fluoren	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Fenantren	0.015 mg/kg TS	0.01	35%	SS-ISO 18287:2008, mod
a) Antracen	< 0.0046 mg/kg TS	0.0046		SS-ISO 18287:2008, mod
a) Fluoranten	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Pyren	0.020 mg/kg TS	0.01	30%	SS-ISO 18287:2008, mod
a) Benzo[a]antracen	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Krysen/Trifenylen	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Benzo[b]fluoranten	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Benzo[k]fluoranten	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Benzo[a]pyren	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Indeno[1,2,3-cd]pyren	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Dibenzo[a,h]antracen	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Benzo[ghi]perylene	< 0.010 mg/kg TS	0.01		SS-ISO 18287:2008, mod
a) Sum PAH(16) EPA	0.035 mg/kg TS			SS-ISO 18287:2008, mod
a) PCB(7) Premium LOQ				
a) PCB 28	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:2019 mod.
a) PCB 52	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:2019 mod.
a) PCB 101	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:2019 mod.
a) PCB 118	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:2019 mod.

Tegnforklaring:

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a) PCB 153	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:201 9 mod.
a) PCB 138	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:201 9 mod.
a) PCB 180	< 0.00050 mg/kg TS	0.0005		SS-EN 16167:2018+AC:201 9 mod.
a) Sum 7 PCB	nd			SS-EN 16167:2018+AC:201 9 mod.
a) Totalt tørrstoff glødetap	0.6 % TS	0.1	20%	SS-EN 12879:2000
* Alifater >C12-C35	43 mg/kg TS	8		Beregnet
* Alifater C5-C35	43 mg/kg TS	20		Beregnet
a) BTEX (TEX Premium LOQ)				
a) Benzen	< 0.010 mg/kg TS	0.01		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Etylbenzen	< 0.010 mg/kg TS	0.01		Internal Method EPA 5021, LidMiljö.0A.01.09
a) m,p-Xylen	< 0.020 mg/kg TS	0.02		Internal Method EPA 5021, LidMiljö.0A.01.09
a) o-Xylen	< 0.010 mg/kg TS	0.01		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Toluen	< 0.010 mg/kg TS	0.01		Internal Method EPA 5021, LidMiljö.0A.01.09
a) Totalt organisk karbon (TOC) - Beregnet	0.34 % TS			Internal Method Calculated from analyzed value
a) BTEX (TEX Premium LOQ)				
a) Xylener (sum)	< 0.030 mg/kg TS	0.03		Internal Method EPA 5021, LidMiljö.0A.01.09

Utførende laboratorium/ Underleverandør:

a) Eurofins Environment Sweden AB (Lidköping), Box 737, Sjöhagsg. 3, SE-53119, Lidköping ISO/IEC 17025:2017 SWEDAC 1125,

Moss 15.06.2026

Kundesenter - Eurofins Environment Testing Norway AS

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