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**Person in charge** Dr. D. Stegemann  
**ASM** Dr. D. Stegemann

Report date 13.12.2023

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**Analytical report AR-23-GF-045639-01**

**Sample Code 710-2023-33039006**

<b><sup>1</sup>Reference</b>	Abwasser
	SORTIE BASSIN
<b><sup>1</sup>Sample sender</b>	Results II
<b>Reception date time</b>	08.12.2023
<b>Transport by</b>	FedEx
<b><sup>1</sup>Client Purchase order nr.</b>	EUFRSE200034265
<b><sup>1</sup>Purchase order date</b>	30.11.2023
<b><sup>1</sup>Client sample code</b>	23Z007732-002
<b>Number of containers</b>	2
<b>Reception temperature</b>	room temperature
<b>End analysis</b>	13.12.2023

<sup>1</sup>: This information was provided by the customer. Data provided by the customer may have an impact on the validity of the test results.

**Test results**

<b>GFU02</b>	<b>polychlorinated dibenzodioxins and -furans (17 PCDD/F): water, drinking water, sewage (°)</b>	
	<b>(#)</b>	
<b>Method</b>	Internal, GLS DF 130:2022-11-09, GC-MS/MS	
2,3,7,8-TetraCDD	< 0.720	pg/l
1,2,3,7,8-PentaCDD	< 0.960	pg/l
1,2,3,4,7,8-HexaCDD	< 1.92	pg/l
1,2,3,6,7,8-HexaCDD	< 1.92	pg/l
1,2,3,7,8,9-HexaCDD	< 1.92	pg/l
1,2,3,4,6,7,8-HeptaCDD	< 1.64	pg/l

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Eurofins GfA Lab Service GmbH · Neuländer Kamp 1a · D-21079 Hamburg  
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HRB 115907 AG Hamburg  
General Managers: Dr. Felix Focke  
VAT No.: DE275912372  
Hypovereinsbank • Bank code: 207 300 17 • Account No.: 7000002400 • SWIFT-BIC: HYVEDEMM17  
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OctaCDD	< 11.6	pg/l
2,3,7,8-TetraCDF	< 1.28	pg/l
1,2,3,7,8-PentaCDF	< 1.72	pg/l
2,3,4,7,8-PentaCDF	< 1.72	pg/l
1,2,3,4,7,8-HexaCDF	< 1.60	pg/l
1,2,3,6,7,8-HexaCDF	< 1.60	pg/l
1,2,3,7,8,9-HexaCDF	< 1.60	pg/l
2,3,4,6,7,8-HexaCDF	< 1.60	pg/l
1,2,3,4,6,7,8-HeptaCDF	< 1.52	pg/l
1,2,3,4,7,8,9-HeptaCDF	< 1.52	pg/l
OctaCDF	< 3.20	pg/l
WHO(2005)-PCDD/F TEQ (lower-bound)	ND	pg/l
WHO(2005)-PCDD/F TEQ (upper-bound)	3.64	pg/l
	± 0.911	pg/l
I-TEQ (NATO/CCMS) (lower-bound)	ND	pg/l
I-TEQ (NATO/CCMS) (upper-bound)	3.55	pg/l
	± 0.888	pg/l

(°) = The test was performed at the laboratory site: Am Neuländer Gewerbepark 4

(#) = Eurofins GfA Lab Service GmbH (Hamburg) is accredited for this test.

Result +/- expanded measurement uncertainty (95%; k=2)

< - Concentration below the indicated limit of quantification (LOQ)

ND - not determined since none of the corresponding congeners was above the LOQ

L.Q. = below limit of quantification



Analytical Services Manager, ASM (Dieter Stegemann)

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