

LIFE  CLEAN PFAS

# Decontamination of PFAS

Including customer case



## Application areas



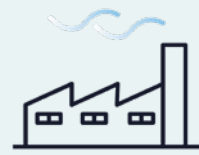
Trucks



Vessels



Fire extinguishers



Sprinkler systems

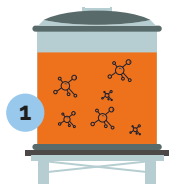
# Reliable transition to fluorine-free foam

## Low rebound

All LifeClean's long-term validation indicates low rebound of PFAS.

## Decontamination process

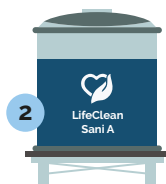
The decontamination process is divided into four main steps: prewash, decontamination using SaniA, final flushing, and sample collection for PFAS analysis:



### Prewash

**Apply Defoamer & prepare surfaces**

The main objective of the Prewash is to remove old foam residues from the surfaces inside the object.



### Decontamination

**Fill objective with Sani A twice**

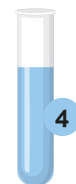
The system is filled with Sani A twice to secure removal of PFAS



### Final flush

**Empty remaining liquids from the object**

A final flush is performed to completely empty the object from any remaining liquids.



### Sample

**Collect sample for third-party analysis**

Sample is sent to accredited third-party laboratory for validation of decontamination and retrieval of documentation to validate the process.



**~99%**  
under ECHA's  
recommended  
limit

**ECHA proposed restriction**  
**1 000 000 ng/l**  
*1 ppm = 1 000 000 ng/L*

# Test results

Successful customer tests of LifeClean PFAS remover have already been conducted where LifeCleans new method has been researched, developed and successfully validated.

Test results of the LifeClean method at Södertörn's firefighting association of five fire foam tanks have shown positive results where ≥99.97% of PFAS substances in the tanks have been detached according to an accredited third-party laboratory.

## Test site:

Södertörn's firefighting association

## Laboratory:

Eurofins Water Testing Sweden AB

## Analysis:

PFAS 35/SLV11/4, and TOP.

## Before and after using Sani A PFAS remover:

PFAS (TOP) Pre-test average	Ca <b>103 000 000</b> ng/l
PFAS (TOP) Tank 1	<b>767</b> ng/l
PFAS (TOP) Tank 2	<b>6 575</b> ng/l
PFAS (TOP) Tank 3	<b>1 050</b> ng/l
PFAS (TOP) Tank 4	<b>2 465</b> ng/l

# Get in touch with us for further information



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