

SOLUTION OVERVIEW

Surface Active Foam Fractionation (SAFF®) Global Deployments

Active and Completed Deployments

Location	Client	Technology	Water Type	Timeframe	GPM	PFAS Removal ¹	Concentration Factor
Queensland, Australia	Australian DoD	SAFF®WTP	Groundwater	Since Dec 2018	45-63	99% PFOA/PFOS/PFHxS	3,600,000x
New S. Wales, Australia	Shoalhaven City Council	SAFF®20	Landfill Leachate	Since Nov 2022	36-44	100% PFOA/PFOS/PFHxS	Small flow site, only secondary conc.
New England, USA	CEC & EPOC Enviro	SAFF®20	Landfill Leachate	July 2022	30	100% State MCLs	750x
New England, USA	Confidential Partner	SAFF®20 and 40	Landfill Leachate	Pilot Nov 2022, Long-term Aug 2023	30-50	99% State MCLs	600x
Minnesota, USA	MN Pollution Control Agency	SAFF®20	Groundwater & Surface Water	Oct 2022	36-55	97% State MCLs	42,000x
Confidential, USA	Confidential DoD Partner	SAFF®40	Groundwater	Oct 2023	50	93% EPA MCLs	650x
Confidential, USA	Confidential Partner	SAFF®40	Groundwater	Pilot Dec 2023, Long-term Apr 2023	50	95% EPA MCLs	8,000x
New England, USA	Onvector	SAFF®40, Onvector's Plasma Vortex	Groundwater	Dec. 2023	40	98% EPA MCLs	4,000x
Pennsylvania, USA	Defense Innovation Unit	SAFF®40, multiple destruction techs	Groundwater	May 2024	45	99% PFOA/PFOS	177,500x
Wisconsin, USA	Confidential	SAFF®40, and destruction tech	Leachate	May 2024	62-100	99% PFOA/PFOS	78,800x
Södertälje, Sweden	Telge Återvinning AB	SAFF®40	Landfill Leachate	2021 - 2024	97	>99.9% PFAS ⁴ 2	56,000x
Helsingborg, Sweden	NSR Återvinning AB	SAFF®40	Landfill Leachate	Oct - Nov 2021	50	>99.9% PFAS ⁴ 2	4,100x

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Jönköping, Sweden	Miljöbo, Jönköping Municipality	SAFF®20	Landfill Leachate	Apr - Aug 2022	52	>99.9% PFAS 4 ²	4,500x
Confidential Site, UK	Confidential Partner	SAFF®20	AFFF with Ash from Petroleum Refinery	May - June 2022	44	>99% PFAS 4 ²	4,000x
Vallentuna, Sweden	SÖRAB	SAFF®20	Landfill Leachate	May - Aug 2022	61	>99.9 PFAS 4 ²	4,100x
Västerås, Sweden	VAFAB	SAFF®20	Landfill Leachate	Aug - Nov 2022	52	>99.9% PFAS 4 ²	4,100x
Rörvik, Norway	Avinor	SAFF®20	Groundwater & Surface Water	Sept - Nov 2022	44	>90% PFAS 4 ²	5,000x
Borås, Sweden	Borås Energi och Miljö	SAFF®20	Landfill Leachate	Nov 2022 - Feb 2023	40	>99.9% PFAS 4 ²	4,100x
Confidential, Spain	LIFE (EU-founded project)	SAFF®, Nova Diamant AB (EO)	Groundwater	Jan 2023 to May 2024	>1	>99.9% PFAS 4 ²	3,000x
Confidential, Belgium	Confidential Partner	SAFF®20	Water from Soil Washing Facility	Spring 2023	50	>99.9% PFAS 4 ²	2,500x
Moerdijk, Netherlands	ATM B.V	SAFF®20	Industrial Wastewater	Spring - Summer 2023	44	>99.9% PFAS 4 ²	1,200x
Confidential, Sweden	Confidential Partner	SAFF®20	Industrial Wastewater & Surface Water	Oct - Nov 2023	15	97% PFAS 4 ²	4,000x
Confidential, Sweden	DoD Sweden	SAFF®40	Groundwater & Surface Water	Oct 2023 - 2025	37	98% PFAS 4 ²	93,000x
Korsör, Denmark	Horizon (EU-founded project)	SAFF®20	Groundwater	Nov 2023 - Sep 2024	44	97% PFAS 4 ²	850x
Confidential Site, UK	Confidential Partner	SAFF®40	Canal Water & Surface Run-off Water	April 2024 - Oct 2025	44	>99% PFAS 4 ²	216,000x
Uppsala, Sweden	LIFE (EU-founded project)	SAFF®20, Nova Diamant (EO)	Landfill Leachate/ Groundwater	May 2024 - Jan 2025	44	>99.7% PFAS 4 ²	6,000x

¹ Removal percentage (%R) is calculated by comparing treatment results to feed and/or laboratory LOR (10-20 ng/l), FTS (50 ng/l).

² The four per- and polyfluoroalkyl substances currently regulated under the European Union's REACH (Registration, Evaluation, Authorisation, and Restriction of Chemicals) regulation including PFOA, PFOS, C9-C14 PFCAs

Upcoming Deployments

Location	Client	Technology	Water Type	GPM
Confidential, USA	Confidential DoD Partner	SAFF®40, AECOM's DE-FLUORO™	Surface Water	80
Confidential, USA	Confidential DoD Partner	SAFF®40, Haley & Aldrich's EradiFluor™	Groundwater	20
Beale Air Force Base	USACE/US Air Force	SAFF®40, Aquagga's HALT	Groundwater	50
Wurtsmith Air Force Base	ESTCP	SAFF®40, Revive Environmental's PFAS Annihilator™	Groundwater	80
Petersen Space Force Base	US DoD	SAFF®40, TBD destruction	Soil Wash Water/IDW	30
Copenhagen, Denmark	Norecco (MUDP-founded project)	SAFF®20	Water from Soil Washing Facility	44
Trelleborg, Sweden	Horizon (EU-founded project)	SAFF®40	Landfill Leachate and Groundwater	44
Confidential, France	Confidential	SAFF®20	Groundwater	50
Confidential, Sweden	Confidential	SAFF®20	Metal Recycling Industry Process Water	44
Confidential, France	Confidential	SAFF®40	RO Process Water	44
Confidential, Holland	Confidential	SAFF®20	Landfill Leachate	44
Confidential, UK	Confidential	SAFF®20	Groundwater Airport	44

Let's Make a Positive Impact Together

Our team of experts are here to help. [Contact us](#) if you have further questions on SAFF's deployments or would like more information on how SAFF can work for your site.

