

Referensprojekt Telge

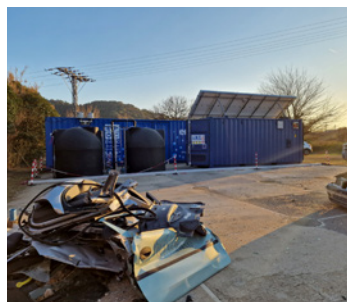
Client:	Telge Återvinning
Location:	Södertälje, Sweden
Type of water:	Landfill Leachate
Pre-treatment:	None
Treatment:	SAFF40
Average flow:	20m ³ /h 120 000m ³ /year
Waste:	<1m ³ /40 000m ³ Treated
OPEX:	0,7 kWh/m ³ treated 8h service/month



Ämne	Ex of concentration untreated leachate	Ex of concentration treated leachate	Average Removal Rate 70 000 m ³
PFDA (Perflourdekansyra)	2,4	1	66%
PFNA (Perflournonansyra)	54	1	98%
6:2 FTS (Flourtelomer sulfonat)	45	1	97%
PFOA (Perflouroktansyra)	510	1	100%
PFOS (Perflouroktansulfonsyra)	110	1	99%
PFHxS (Perflourhexansulfonsyra)	84	1	98%
PFHpA (Perflourheptansyra)	450	1,7	94%
PFHxA (Perflourhexansyra)	1100	340	50%
PFPeA (Perflourpentansyra)	590	460	13%
PFBA (Perflourbutansyra)	310	330	4%
PFBS (Perflourbutansulfonsyra)	170	97	98%
PFAS11	3400	1200	57%

Referensprojekt EU LIFE SourCe

Client:	EU LIFE SourCe
Location:	Spain
Type of water:	Groundwater at fire fighting test ground
Pre-treatment:	None
Treatment:	SAFF20
Average flow:	7-12 m ³ /h
Waste:	no measurable volume produced to date
OPEX:	0,7 kWh/m ³ treated 8h service/month



Ämne	Unit	Untreated	Treated	Removal Rate %
PFDA	ng/l	14	<10	up to 99,9%
PFNA	ng/l	68	<10	up to 99,9%
6:2 FTS	ng/l	5 100	100	98,00%
PFOA	ng/l	65 900	ND	up to 99,9%
PFOS	ng/l	1 710 000	15	>99,9%
PFHxS	ng/l	130 000	65	99,50%
PFHpA	ng/l	10 000	110	98,90%
PFHxA	ng/l	23 000	520	97,70%
PFPeA	ng/l	14 000	600	95,70%
PFBA	ng/l	19 000	190	99,00%
PFBS	ng/l	13 000	65	99,50%
Summa PFAS 28		1 990 082	1685	98,3%

Referensprojekt Swedavia

Client:	Swedavia
Location:	Arlanda, Sweden
Type of water:	Run off water
Pre-treatment:	None
Treatment:	SAFF40
Average flow:	35-40m ³ /h
Waste:	<10 liter/50 000m ³ treated
OPEX:	0,7 kWh/m ³ treated 8h service/month



Ämne	Unit	Untreated	Treated	Removal Rate %
PFDA	ng/l	0,67	<0,30	55%
PFNA	ng/l	3,7	0,62	83%
6:2 FTS	ng/l	<0,30	<0,30	0%
PFOA	ng/l	71	2	97%
PFOS	ng/l	650	2,2	100%
PFHxS	ng/l	38	8,4	78%
PFHpA	ng/l	220	2,1	99%
PFHxA	ng/l	210	80	62%
PFPeA	ng/l	190	130	32%
PFBA	ng/l	86	52	40%
PFBS	ng/l	22	27	0%
Summa PFAS (TOP)		1491	304	80%