

Bijlage 1 Regionale ligging plangebied



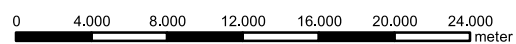
## Topografische ligging Bodemkwaliteitskaart Limburg Noord

Opdrachtgever: 15 Limburgse gemeenten  
Projectnummer: 349858



Status: Definitief  
Datum: 1 juli 2020  
Schaal: 1:400.000  
Formaat: A4

Getekend: JR



Bijlage 2 Advieslijst PFAS

## Advieslijst te meten PFAS

Datum: 12 juli 2019

#	Compound	Acronym	Formula	SIKB-code	SIKB/Aquo co	CAS-nr
1	perfluoro-n-butanoic acid	PFBA	C4HF7O2	4437	PFBA	375-22-4
2	perfluoro-n-pentanoic acid	PFPeA	C5HF9O2	4448	PFPA	2706-90-3
3	perfluoro-n-hexanoic acid	PFHxA	C6HF11O2	4441	PFHxA	307-24-4
4	perfluoro-n-heptanoic acid	PFHpA	C7HF13O2	4440	PFHpA	375-85-9
5	perfluoro-n-octanoic acid( lineair) (1)	PFOA	C8HF15O2	4443	PFOA	335-67-1
6	perfluoro-n-octanoic acid(branched)(1)	PFOAvertakt	-	5577	sverttPFOA	NVT
7	perfluoro-n-nonanoic acid	PFNA	C9HF17O2	4442	PFNA	375-95-1
8	perfluoro-n-decanoic acid	PFDA	C10HF19O2	4438	PFDA	335-76-2
9	perfluoro-n-undecanoic acid	PFUnDA	C11HF21O2	4451	PFUdA	2058-94-8
10	perfluoro-n-dodecanoic acid	PFDoA	C12HF23O2	4439	PFDoA	307-55-1
11	perfluoro-n-tridecanoic acid	PFTTrDA	C13HF25O2	4449	PFTDA	72629-94-8
12	perfluoro-n-tetradecanoic acid	PFTeDA	C14HF27O2	4450	PFTeDA	376-06-7
13	perfluoro-n-hexadecanoic acid	PFHxDA	C16HF31O2	5735	PFC16azr	67905-19-5
14	perfluoro-n-octadecanoic acid	PFODA	C18HF35O2	5736	PFC18azr	16517-11-6
15	perfluoro-1-butane sulfonic acid	PFBS	C4HF9O3S	3895	L_PFBs	375-73-5
16	perfluoro-1-pentane sulfonic acid	PFPeS	C5HF11O3S	5935	PFC5asfzr	2706-91-4
17	perfluoro-1-hexane sulfonic acid	PFHxS	C6HF13O3S	3932	L_PFHxS	355-46-4
18	perfluoro-1-heptane sulfonic acid	PFHpS	C7HF15O3S	3931	L_PFHpS	375-92-8
19	perfluoro-1-octane sulfonic acid (lineair)(1)	PFOS	C8HF17O3S	4445	PFOS	1763-23-1
20	perfluoro-1-octane sulfonic acid (branched)(1)	PFOSvertakt	-	5518	sverttPFOS	NVT
21	perfluoro-1-decane sulfonic acid	PFDS	C10HF21O3S	3898	L_PFDS	335-77-3
22	4:2 fluorotelomer sulfonic acid	4:2 FTS	C6H5F9O3S	5996	H-PFC6asfzr	757124-72-4
23	6:2 fluorotelomer sulfonic acid	6:2 FTS	C8H5F13O3S	5517	2PFC6yC2a1s	27619-97-2
24	8:2 fluorotelomer sulfonic acid	8:2 FTS	C10H5F17O3S	5830	H-PFC10asfzr	39108-34-4
25	10:2 fluorotelomer sulfonic acid	10:2 FTS	C12H5F21O3S	5831	H-PFC12asfzr	120226-60-0
26	N-methylperfluorooctane sulfonamidoacetic acid	N-MeFOSAA	C11H6F17NO4S	5937	N-MeFOSAA	2355-31-9
27	N-ethylperfluorooctane sulfonamidoacetic acid	N-EtFOSAA	C12H8F17NO4S	5744	EtFOSAA	2991-50-6
28	perfluoro-1-octanesulfonamide	PFOSA	C8H2F17NO2S	4446	PFOSA	754-91-6
29	N-methylperfluorooctanesulfonamide	N-MeFOSA	C9H4F17NO2S	6001	MeFOSA	31506-32-8
30	8:2 polyfluoroalkyl phosphate diester	8:2 diPAP	C20H9F34O4P	5998	bisPFC10yPO4	678-41-1

voetnoot 1 De vertakte verbindingen worden door het laboratorium als som gerapporteerd, de lineaire verbindingen apart.

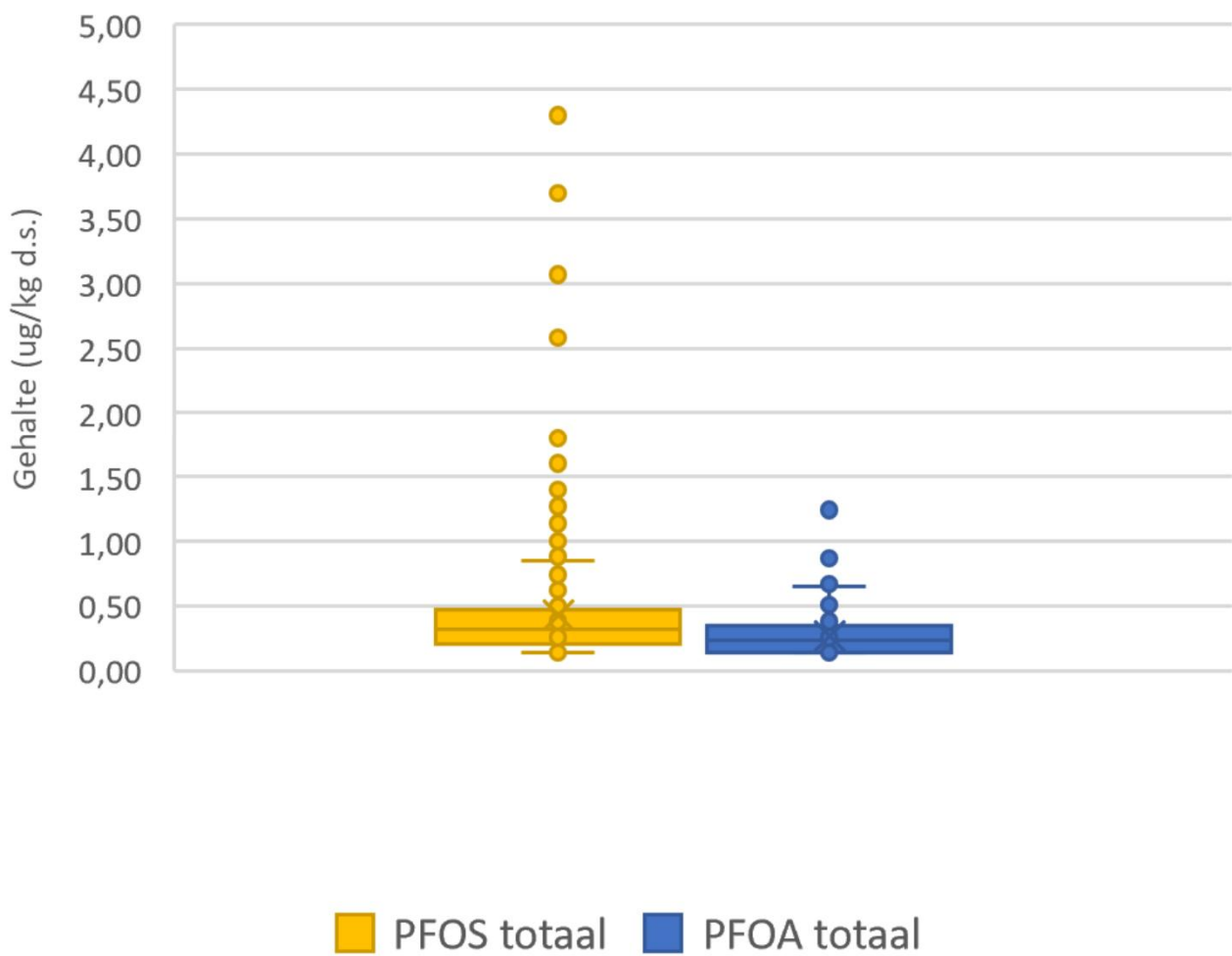
De totale som (vertakt plus lineair) voor PFOS of PFOA wordt alleen gebruikt voor toetsing aan de norm 3,0 voor PFOS en Sommatie vindt plaats volgens bijlage GIV van de Regeling bodemkwaliteit (< waarden \*0,7)

### GenX (niet in advieslijst; alleen meten bij verdenking)

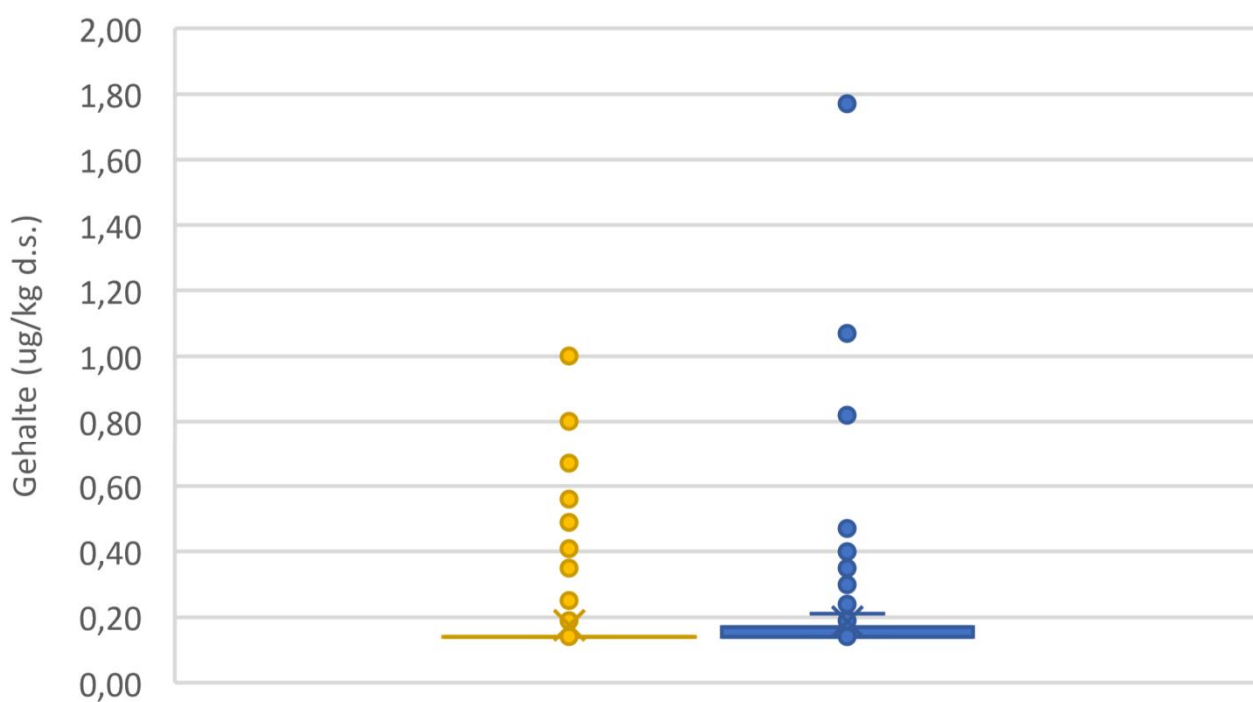
"GenX"	Hexafluoropropyleneoxide dimer acid	HFPO-DA / FRD-903	C6HF11O3	5741	FRD-903	13252-13-6
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Bijlage 3 Box-Whiskerplots van de gemeten PFAS-gehalten

## PFOS- en PFOA-gehalten Bovengrond



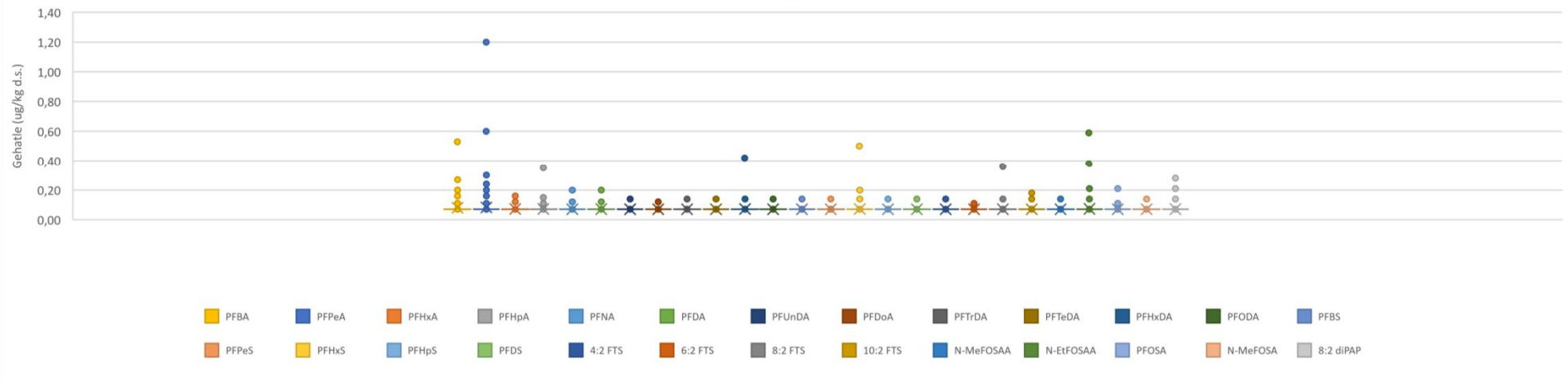
## PFOS- en PFOA-gehalten Ondergrond



■ PFOS totaal ■ PFOA totaal

### Gehalten overige PFAS

Bovengrond





### Gehalten overige PFAS Ondergrond

