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WISCONSIN
DEPT. OF NATURAL RESOURCES

September 18, 2019

Jeanne Ayers, Administrator
DHS Division of Public Health
1 West Wilson St.
Madison, WI 53701-2659

Subject: **Clarification of PFAS compound names and abbreviations on Cycle 11 list**

Dear Ms. Ayers:

The Department of Natural Resources (DNR), in a letter dated April 10, 2019, requested your agency's review of 40 substances, including 34 per- and polyfluorinated substances (PFAS), for possible development of groundwater standard recommendations. That list of substances was designated the "Cycle 11" list.

Laboratory analysis of PFAS compounds is new and evolving, and the names and abbreviations of PFAS compounds reported by laboratories has not been consistent. Consistent PFAS compound names and abbreviations for lab analysis reporting have now been established by the DNR Lab Certification Program. The Department is therefore providing your agency an updated Cycle 11 list (attached) that reflects the DNR Lab Certification Program established lab reporting PFAS compound names and abbreviations.

Changes to the original Cycle 11 list PFAS compound names and abbreviations, on the attached updated list, have been highlighted. Note that on the original Cycle 11 list the PFAS compound Gen-X was included twice (as PFPrOPrA and as HFPA-DA). One of those Gen-X listings has been removed from the updated Cycle 11 list. Also note that the sodium salt (NaDONA) of the PFAS compound DONA was listed on the original Cycle 11 list. This compound is now listed on the update as its acid form (DONA). And, the original Cycle 11 listing of F-53B has been replaced with its two component analytes, F-53B Major and F-53B Minor.

Please let us know if you have any questions on this matter or would like additional information. We appreciate the opportunity to work with you on this important public health issue.

Sincerely,

Darsi Foss

Darsi J. Foss
Administrator
Division of Environmental Management

cc: Dr. Jon Meiman - DHS
Steve Elmore – DNR
Sara Walling – DATCP
Chuck Warzecha – DHS
Bruce Rheineck – DNR
Lori Bowman – DATCP
James Zellmer - DNR
Bart Sponseller – DNR
Laura Olah - CSWAB

"Original" Cycle 11 list		
ABREV	Name	CAS RN
	Metalaxyl	57837-19-1
	Chlorantraniliprole	500008-45-7
	Flumetsulam	98967-40-9
	Fomesafen	72178-02-0
	Hexazinone	51235-04-2
	Saflufenacil	372137-35-4
PFTrDA	Perfluorotridecanoic acid	72629-94-8
PFTeDA	Perfluorotetradecanoic acid	376-06-7
PFBA	Perfluorobutanoic acid	375-22-4
PFPeA	Perfluoropentanoic acid	2706-90-3
PFHxA	Perfluorohexanoic acid	307-24-4
PFHpA	Perfluoroheptanoic acid	375-85-9
PFNA	Perfluorononanoic acid	375-95-1
PFDA	Perfluorodecanoic acid	335-76-2
PFUdA	Perfluoroundecanoic acid	2058-94-8
PFBS	Perfluorobutanesulfonic acid	375-73-5
PFHxS	Perfluorohexanesulfonic acid	355-46-4
PFHpS	Perfluoroheptanesulfonic acid	375-92-8
PFOSA	Perfluorooctanesulfonamide	754-91-6
PFDoA	Perfluorododecanoic acid	307-55-1
6:2 FTS	6:2 Fluorotelomer sulfonic acid	27619-97-2
8:2 FTS	8:2 Fluorotelomer sulfonic acid	39108-34-4
PFDS	Perfluorodecanesulfonic acid	335-77-3
PFPeS	Perfluoropentane sulfonic acid	2706-91-4
PFPrOPrA	Perfluoro-2-methyl-3-oxahexanoic acid	13252-13-6
4:2 FTS	4:2 Fluorotelomer sulfonic acid	757124-72-4
10:2 FTS	10:2 Fluorotelomer sulfonic acid	120226-60-0
PFHxDA	Perfluorohexadecanoic acid	67905-19-5
PFODA	Perfluorooctandecanoic acid	16517-11-6
NaDONA	Dodecafluoro-3H-4,8-dioxanonanoate	958445-44-8
F-53B	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	73606-13-0
PFDOS	Perfluorododecanesulfonic acid	79780-39-5
PFNS	Perfluorononane sulfonic acid	68259-12-1
MeFOSA	N-Methyl perfluorooctane sulfonamide	31506-32-8
EtFOSA	N-Ethyl Perfluorooctane sulfamide	4151-50-2
MeFOSAA	N-Methyl perfluorooctane sulfonamidoacetic acid	2355-31-9
EtFOSAA	N-Ethyl perfluorooctane sulfonamidoacetic acid	2991-50-6
MeFOSE	N-Methyl perfluorooctane sulfonamidoethanol	24448-09-7
EtFOSE	N-Ethyl perfluorooctane sulfonamidoethanol	1691-99-2
HFPA-DA	GenX	62037-80-3

"Updated" Cycle 11 List		
ABREV	Name	CAS RN
	Metalaxyl	57837-19-1
	Chlorantraniliprole	500008-45-7
	Flumetsulam	98967-40-9
	Fomesafen	72178-02-0
	Hexazinone	51235-04-2
	Saflufenacil	372137-35-4
PFTriA	Perfluorotridecanoic acid	72629-94-8
PFTeA	Perfluorotetradecanoic acid	376-06-7
PFBA	Perfluorobutanoic acid	375-22-4
PFPeA	Perfluoropentanoic acid	2706-90-3
PFHxA	Perfluorohexanoic acid	307-24-4
PFHpA	Perfluoroheptanoic acid	375-85-9
PFNA	Perfluorononanoic acid	375-95-1
PFDA	Perfluorodecanoic acid	335-76-2
PFUnA	Perfluoroundecanoic acid	2058-94-8
PFBS	Perfluorobutanesulfonic acid	375-73-5
PFHxS	Perfluorohexanesulfonic acid	355-46-4
PFHpS	Perfluoroheptanesulfonic acid	375-92-8
FOSA	Perfluorooctane sulfonamide	754-91-6
PFDoA	Perfluorododecanoic acid	307-55-1
6:2 FTSA	6:2 Fluorotelomer sulfonic acid	27619-97-2
8:2 FTSA	8:2 Fluorotelomer sulfonic acid	39108-34-4
PFDS	Perfluorodecanesulfonic acid	335-77-3
PFPeS	Perfluoropentanesulfonic acid	2706-91-4
HFPO-DA	Hexafluoropropylene oxide dimer acid (GenX)	13252-13-6
4:2 FTSA	4:2 Fluorotelomer sulfonic acid	757124-72-4
10:2 FTSA	10:2 Fluorotelomer sulfonic acid	120226-60-0
PFHxDA	Perfluorohexadecanoic acid	67905-19-5
PFODA	Perfluorooctandecanoic acid	16517-11-6
DONA	4,8-Dioxa-3H-perfluorononanoic acid	919005-14-4
9Cl-PF3ONS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (F-53B Major)	756426-58-1
11Cl-PF3OUdS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (F-53B Minor)	763051-92-9
PFDoS	Perfluorododecanesulfonic acid	79780-39-5
PFNS	Perfluorononanesulfonic acid	68259-12-1
NMeFOSA	N-Methyl perfluorooctane sulfonamide	31506-32-8
NEtFOSA	N-Ethyl Perfluorooctane sulfonamide	4151-50-2
NMeFOSAA	N-Methyl perfluorooctane sulfonamidoacetic acid	2355-31-9
NEtFOSAA	N-Ethyl perfluorooctane sulfonamidoacetic acid	2991-50-6
NMeFOSE	N-Methyl perfluorooctane sulfonamidoethanol	24448-09-7
NEtFOSE	N-Ethyl perfluorooctane sulfonamidoethanol	1691-99-2
~~HFPA-DA~~	~~GenX~~	~~62037-80-3~~

red = name and/or abbreviation change to reflect WI DNR Lab Certification Program PFAS lab analysis reporting conventions

blue = sodium salt (NaDONA) replaced with acid form (DONA) per analytical laboratory reporting convention

purple = F-53B replaced with its 2 component analytes, F-53B Major and F-53B Minor

green = duplicate GenX compound eliminated