

CITY OF RALEIGH
Perfluorinated Compounds Data Results

Collection Date: 1/28/2019

units: ng/L

Perfluorinated Compounds Contaminant	Eurofins MRL	EMJWTP		DEBWTP		Health Advisory Levels
		Finished	Raw	Finished	Raw	
ADONA	2.0	<2.0	<2.0	<2.0	<2.0	NA
F-53B Major	2.0	<2.0	<2.0	<2.0	<2.0	NA
F-53B Minor	2.0	<2.0	<2.0	<2.0	<2.0	NA
GenX	5.0	<5.0	<5.0	<5.0	<5.0	140
N-ethylperfluorooctane sulfonamide (NETFOSA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-ethylperfluorooctane sulfonamideethanol	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-methoyperfluorooctane sulfonamidoethanol	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorobutanesulfonic acid (PFBS)	2.0	2.7	2.8	2.1	2.1	NA
Perfluorobutanoic acid (PFBA)	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluorodecanoic acid (PFDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoroheptanoic acid (PFHpA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorohexanesulfonic acid (PFHxS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorohexanoic acid (PFHxA)	2.0	<2.0	<2.0	2.1	2.1	NA
Perfluorododecanoic acid (PFDoA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorononanoic acid (PFNA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorooctanesulfonic acid (PFOS)	2.0	4.2	4.5	3.3	3.7	70
N-ethyl Perfluorooctanesulfonamideacetic acid	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-methyl Perfluorooctanesulfonamideacetic acid	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorooctanoic acid (PFOA)	2.0	2.6	2.9	2.6	2.6	70
Perfluorotridecanoic acid (PFTrDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoroundecanoic acid (PFUnA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorododecanesulfonic acid (PFDoS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorodecanesulfonic acid (PFDS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoroheptanesulfonic acid (PFHpS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorohexadecanoic acid (PFHxDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoro-2-methoxyethoxyacetic acid	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluoro-4-isopropoxybutanoic acid	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluoro-4-methoxybutanoic acid (PFMOBA)	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluoro-3-methoxypropanoic acid (PFMOPrA)	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluorononanesulfonic acid (PFNS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorooctane sulfonamide (PFOSA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoropentanoic acid (PFPeA)	2.0	<2.0	<2.0	2.0	2.1	NA
Perfluoropentanesulfonic acid (PFPeS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorotetradecanoic acid (PFTeDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA

CITY OF RALEIGH
Perfluorinated Compounds Data Results

Collection Date: 4/25/2019

units: ng/L

Perfluorinated Compounds Contaminant	Eurofins MRL	EMJWTP		DEBWTP		Health Advisory Levels
		Finished	Raw	Finished	Raw	
ADONA	2.0	<2.0	<2.0	<2.0	<2.0	NA
F-53B Major	2.0	<2.0	<2.0	<2.0	<2.0	NA
F-53B Minor	2.0	<2.0	<2.0	<2.0	<2.0	NA
GenX	5.0	<5.0	<5.0	<5.0	<5.0	140
N-ethylperfluorooctane sulfonamide (NETFOSA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-ethylperfluorooctane sulfonamideethanol	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-methoyperfluorooctane sulfonamidoethanol	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorobutanesulfonic acid (PFBS)	2.0	2.8	2.9	2.4	2.3	NA
Perfluorobutanoic acid (PFBA)	5.0	<2.0	5.4	5.9	5.1	NA
Perfluorodecanoic acid (PFDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoroheptanoic acid (PFHpA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorohexanesulfonic acid (PFHxS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorohexanoic acid (PFHxA)	2.0	<2.0	<2.0	2.6	2.8	NA
Perfluorododecanoic acid (PFDoA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorononanoic acid (PFNA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorooctanesulfonic acid (PFOS)	2.0	4.9	5.0	3.6	5.0	70
N-ethyl Perfluorooctanesulfonamideacetic acid	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-methyl Perfluorooctanesulfonamideacetic acid	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorooctanoic acid (PFOA)	2.0	3.0	3.1	2.8	3.3	70
Perfluorotridecanoic acid (PFTrDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoroundecanoic acid (PFUnA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorododecanesulfonic acid (PFDoS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorodecanesulfonic acid (PFDS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoroheptanesulfonic acid (PFHpS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorohexadecanoic acid (PFHxDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoro-2-methoxyethoxyacetic acid	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluoro-4-isopropoxybutanoic acid	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluoro-4-methoxybutanoic acid (PFMOBA)	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluoro-3-methoxypropanoic acid (PFMOPrA)	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluorononanesulfonic acid (PFNS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorooctane sulfonamide (PFOSA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoropentanoic acid (PFPeA)	2.0	<2.0	<2.0	2.6	3.3	NA
Perfluoropentanesulfonic acid (PFPeS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorotetradecanoic acid (PFTeDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA

CITY OF RALEIGH
Perfluorinated Compounds Data Results

Collection Date: 7/8/2019

units: ng/L

Perfluorinated Compounds Contaminant	Eurofins MRL	EMJWTP		DEBWTP		Health Advisory Levels
		Finished	Raw	Finished	Raw	
ADONA	2.0	<2.0	<2.0	<2.0	<2.0	NA
F-53B Major	2.0	<2.0	<2.0	<2.0	<2.0	NA
F-53B Minor	2.0	<2.0	<2.0	<2.0	<2.0	NA
GenX	5.0	<5.0	<5.0	<5.0	<5.0	140
N-ethylperfluorooctane sulfonamide (NETFOSA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-ethylperfluorooctane sulfonamideethanol	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-methoyperfluorooctane sulfonamidoethanol	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorobutanesulfonic acid (PFBS)	2.0	2.7	2.7	3.1	3.0	NA
Perfluorobutanoic acid (PFBA)	5.0	5.3	7.0	5.1	7.2	NA
Perfluorodecanoic acid (PFDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoroheptanoic acid (PFHpA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorohexanesulfonic acid (PFHxS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorohexanoic acid (PFHxA)	2.0	<2.0	<2.0	3.0	3.1	NA
Perfluorododecanoic acid (PFDoA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorononanoic acid (PFNA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorooctanesulfonic acid (PFOS)	2.0	6.3	6.1	3.8	6.2	70
N-ethyl Perfluorooctanesulfonamideacetic acid	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-methyl Perfluorooctanesulfonamideacetic acid	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorooctanoic acid (PFOA)	2.0	3.5	3.5	3.2	3.5	70
Perfluorotridecanoic acid (PFTrDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoroundecanoic acid (PFUnA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorododecanesulfonic acid (PFDoS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorodecanesulfonic acid (PFDS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoroheptanesulfonic acid (PFHpS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorohexadecanoic acid (PFHxDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoro-2-methoxyethoxyacetic acid	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluoro-4-isopropoxybutanoic acid	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluoro-4-methoxybutanoic acid (PFMOBA)	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluoro-3-methoxypropanoic acid (PFMOPrA)	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluorononanesulfonic acid (PFNS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorooctane sulfonamide (PFOSA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoropentanoic acid (PFPeA)	2.0	<2.0	<2.0	3.4	3.3	NA
Perfluoropentanesulfonic acid (PFPeS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorotetradecanoic acid (PFTeDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA

CITY OF RALEIGH
Perfluorinated Compounds Data Results

Collection Date: 10/28/2019

units: ng/L

Perfluorinated Compounds Contaminant	Eurofins MRL	EMJWTP		DEBWTP		Health Advisory Levels
		Finished	Raw	Finished	Raw	
ADONA	2.0	<2.0	<2.0	<2.0	<2.0	NA
F-53B Major	2.0	<2.0	<2.0	<2.0	<2.0	NA
F-53B Minor	2.0	<2.0	<2.0	<2.0	<2.0	NA
GenX	5.0	<5.0	<5.0	<5.0	<5.0	140
N-ethylperfluorooctane sulfonamide (NETFOSA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-ethylperfluorooctane sulfonamideethanol	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-methoyperfluorooctane sulfonamidoethanol	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorobutanesulfonic acid (PFBS)	2.0	3.2	3.3	3.5	3.3	NA
Perfluorobutanoic acid (PFBA)	5.0	5.6	5.7	<5.0	5.5	NA
Perfluorodecanoic acid (PFDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoroheptanoic acid (PFHpA)	2.0	<2.0	<2.0	<2.0	2.2	NA
Perfluorohexanesulfonic acid (PFHxS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorohexanoic acid (PFHxA)	2.0	2.4	2.5	3.5	3.6	NA
Perfluorododecanoic acid (PFDoA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorononanoic acid (PFNA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorooctanesulfonic acid (PFOS)	2.0	6.7	6.9	3.7	4.7	70
N-ethyl Perfluorooctanesulfonamideacetic acid	2.0	<2.0	<2.0	<2.0	<2.0	NA
N-methyl Perfluorooctanesulfonamideacetic acid	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorooctanoic acid (PFOA)	2.0	3.7	3.8	3.3	3.6	70
Perfluorotridecanoic acid (PFTrDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoroundecanoic acid (PFUnA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorododecanesulfonic acid (PFDoS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorodecanesulfonic acid (PFDS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoroheptanesulfonic acid (PFHpS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorohexadecanoic acid (PFHxDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoro-2-methoxyethoxyacetic acid	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluoro-4-isopropoxybutanoic acid	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluoro-4-methoxybutanoic acid (PFMOBA)	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluoro-3-methoxypropanoic acid (PFMOPrA)	5.0	<5.0	<5.0	<5.0	<5.0	NA
Perfluorononanesulfonic acid (PFNS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorooctane sulfonamide (PFOSA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluoropentanoic acid (PFPeA)	2.0	2.4	2.8	3.8	4.4	NA
Perfluoropentanesulfonic acid (PFPeS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
Perfluorotetradecanoic acid (PFTeDA)	2.0	<2.0	<2.0	<2.0	<2.0	NA
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	2.0	<2.0	<2.0	<2.0	<2.0	NA