



Environmental Chemists, Inc.

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ANALYTICAL & CONSULTING CHEMISTS

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May 9, 2018

Brunswick County Public Utilities
Post Office Box 249
Bolivia, NC 28422
Attn: Glenn Walker

Report #2018-05744

Enclosed please find your analytical report.

Sincerely,

Tammy Duran
Environmental Chemists, Inc.

Customer: Environmental Chemists NLS Project: 298319
 Project Description: Investigative Drinking Water
 Project Title: EPA 537 7 GenX

Template: 537PPTGENX Printed: 05/08/2018 16:40

Sample: 1051610 18-14282 Collected: 04/12/18 Analyzed: 04/30/18 - Analytes: 13

ANALYTE NAME	RESULT	UNITS	WWB	DIL	LOD	LOQ	MCL	Note
perfluorobutanesulfonic acid (PFBS)	ND	ppt		1	6.6	21		
perfluorohexanoic acid (PFHxA)	19.4	ppt		1	1.3	4.0		
perfluoro-2-propoxypropanoic acid (GenX)	18.4	ppt		1	0.73	2.3		
perfluorooheptanoic acid (PFHpA)	14.4	ppt		1	0.80	2.6		
perfluorohexanesulfonic acid (PFHS)	[4.55]	ppt		1	2.8	8.8		J
perfluorooctanoic acid (PFOA)	7.08	ppt		1	1.2	3.9		
perfluorononanoic acid (PFNA)	[1.5]	ppt		1	1.5	4.9		J
perfluorooctanesulfonic acid (PFOS)	10.2	ppt		1	1.7	5.3		
perfluorodecanoic acid (PFDA)	[2.19]	ppt		1	0.90	2.7		
perfluoroundecanoic acid (PFUnA)	ND	ppt		1	1.0	3.0		J BD
perfluorododecanoic acid (PFDoA)	ND	ppt		1	1.9	6.1		
perfluorotridecanoic acid (PFTDA)	ND	ppt		1	3.2	10		
perfluorotetradecanoic acid (PFTA)	ND	ppt		1	2.8	8.9		
C13-PFHxA (SURR)	121.044%			1				S
C13-PFDA (SURR)	94.831%			1				S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.
 S = This compound is a surrogate used to evaluate the quality control of a method.
 BD = Compound was detected in the laboratory method blank.
 perfluorodecanoic acid (PFDA) detected at 1.19 ppt.

Sample: 1051609 18-14281 Collected: 04/12/18 Analyzed: 04/30/18 - Analytes: 13

ANALYTE NAME	RESULT	UNITS	WWB	DIL	LOD	LOQ	MCL	Note
perfluorobutanesulfonic acid (PFBS)	ND	ppt		1	6.6	21		
perfluorohexanoic acid (PFHxA)	20.4	ppt		1	1.3	4.0		
perfluoro-2-propoxypropanoic acid (GenX)	27.5	ppt		1	0.73	2.3		
perfluorooheptanoic acid (PFHpA)	16.1	ppt		1	0.80	2.6		
perfluorohexanesulfonic acid (PFHS)	[5.35]	ppt		1	2.8	8.8		J
perfluorooctanoic acid (PFOA)	7.39	ppt		1	1.2	3.9		
perfluorononanoic acid (PFNA)	ND	ppt		1	1.5	4.9		
perfluorooctanesulfonic acid (PFOS)	10.9	ppt		1	1.7	5.3		
perfluorodecanoic acid (PFDA)	[2.27]	ppt		1	0.90	2.7		
perfluoroundecanoic acid (PFUnA)	ND	ppt		1	1.0	3.0		J BD
perfluorododecanoic acid (PFDoA)	ND	ppt		1	1.9	6.1		
perfluorotridecanoic acid (PFTDA)	ND	ppt		1	3.2	10		
perfluorotetradecanoic acid (PFTA)	ND	ppt		1	2.8	8.9		
C13-PFHxA (SURR)	115.773%			1				S
C13-PFDA (SURR)	92.229%			1				S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.
 S = This compound is a surrogate used to evaluate the quality control of a method.
 BD = Compound was detected in the laboratory method blank.
 perfluorodecanoic acid (PFDA) detected at 1.19 ppt.

