

Environmental Chemists, Inc.

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info@environmentalchemists.com

April 11, 2018		
Brunswick County Public Utilities Post Office Box 249 Bolivia, NC 28422 Attn: Glenn Walker		
Report #2018-04511		
Enclosed please find your analytical report.		
Sincoroly		
Sincerely, Tammy Duran		

ANALYTE NAME	RESULT	UNITS WWB	맏	LOD	٦٥٥	MCL	Note
perfluorobutanesulfonic acid (PFBS)	NO	ppt		6.6	21	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	
perfluorohexanoic acid (PFHxA)	31.2	ppt		1.3	4.0		BD
perfluoro-2-propoxypropanoic acid (GenX)	5.93	ppt		0.73	2.3		
perfluoroheptanoic acid (PFHpA)	31.9	ppt	- >	0.80	2.6		
perfluorohexanesulfonic acid (PFHxS)	[3,42]	ppt		2.8	8.8		د
perfluorooctanoic acid (PFOA)	10.4	ppt		1.2	3.9		
perfluorononanoic acid (PFNA)	[2.27]	ρpt		1.5	4.9		, c.
perfluorooctanesulfonic acid (PFOS)	11.8	ppt		1.7	5.3		
perfluorodecanoic acid (PFDA)	[1.81]	ppt		0.90	2.7		<u> </u>
perfluoroundecanoic acid (PFUnA)	ND.	ppt		1.0	3.0		
perfluorododecanoic acid (PFDoA)	ND	ppt	-	1.9	6.1		Commence of the Commence of th
perfluorotridecanoic acid (PFTrDA)	ND N	ppt		3.2	10		
perfluorotetradecanoic acid (PFTA)	ND	ppt		2.8	8.9		
C13-PFHxA (SURR)	73.127%		_				်လ
C13 DEDA (SLIDD)	07 143%		_				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.

perfluorohexanoic acid (PFHxA) detected at 2.9 ppt.

ANALYTICAL RESULTS: Perfluorinated Chemicals by EPA 537 Rev 1.1 Safe Drinking Water Analysis

Page 3 of 3

NLS Project: 296893

Customer: Environmental Chemists
Project Description: EPA 537 with GenX
Project Title:

nlate: 537PPTGENY Printed: 04/10/2018 11:38

Project Title:	Template: 53/PPTGENX	Printed: 0	4/10/2018 11:3	ă				
Sample: 1047408 11195 Collected: 03/22/18 Analyzed: 04/03/18 - Analytes: 13	Analyzed: 04/03/18 - Analyte	s: 13						
ANALYTE NAME		RESULT	UNITSWWB	믿	LOD	LOQ	MCL	Note
perfluorobutanesulfonic acid (PFBS)		8	ppt	_	6.6	21		
perfluorohexanoic acid (PFHxA)		31.9	ppt	_	 	4.0		BD
perfluoro-2-propoxypropanoic acid (GenX)		7.15	ppt	-	0.73	2.3		
perfluoroheptanoic acid (PFHpA)		35.1	ppt	_	0.80	2.6		
perfluorohexanesulfonic acid (PFHxS)		[4.95]	ppt	-	2.8	8.8		<u> </u>
perfluorooctanoic acid (PFOA)		12.3	ppt		1.2	3.9		
perfluorononanoic acid (PFNA)		[2.44]	ppt	-	1.5	4.9		_
perfluorooctanesulfonic acid (PFOS)		3	ppt	_	1.7	5.3		
perfluorodecanoic acid (PFDA)		[1.97]	ppt	_	0.90	2.7		_
perfluoroundecanoic acid (PFUnA)		N	ppt	_	1.0	3.0		
perfluorododecanoic acid (PFDoA)		8	ppt		1.9	6.1		
perfluorotridecanoic acid (PFTrDA)		ND	ppt	_	3.2	10		
perfluorotetradecanoic acid (PFTA)		ND	ppt	>	2.8	8.9		
C13-PFHxA (SURR)		70.964%						S
C13-PFDA (SURR)		95.805%						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.

perfluorohexanoic acid (PFHxA) detected at 2.9 ppt.



Analytical & Consulting Chemists

ENVIRONMENTAL CHEMISTS, NO

NCDENR: DWG CERTIFICATION # 94 NCDHHS: DLS CERTIFICATION # 37729

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