

Environmental Chemists, Inc.

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info@environmentalchemists.com

April 3, 2018

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

Report #2018-03634

Enclosed please find your analytical report.

Sincerely,

Tammy Duran Environmental Chemists, Inc.

ANALYTICAL RESULTS: Perfluorinated Chemicals by EPA 537 Rev 1.1 Safe Drinking Water Analysis Customer: Environmental Chemists NLS Project: 295942
Project Description: EPA 537 with GenX

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Project Title:

Template: 537PPTGENX Printed: 04/02/2018 14:02

TENUT UNITS WWB DIL TOD TOD MCI
BS) ND ppf 1 6.6 21
PP 1 13 40
id (GenX)
iU.o ppt 1
13.6 ppt 1 0.80
(8.32) ppt 1 2.8
7.83 ppt 1
[1.8] ppt 1 1.5
FOS) 17.5 ppt 1 1.7
pnt 1 n on
70.00
NID PAR 1
ND DDC -
NO DBI 1
IC acid (FFIA) ND ppt 1
64.92%
3
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.
SR = Surrogate recovery was outside QC limits.
C13-PFHxA recovered below QC limits.

BD = Compound was detected in the laboratory method blank. perfluorohexanoic acid (PFHxA) detected at 2.34 ppt.

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Page 12 of 12

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ANALYTE NAME	RESULT	UNITS WWB		3	5	M.C.	Note
perfluorobutanesulfonic acid (PFBS)	3	nnt i		9 6	3 6	mor.	NOTE
perfluorohexanoic acid (PFHxA)	42.7	200	-	0.0	-2		The second control of
nedling 3 pronounces soid (Carty)	10.7	PPI	-	د.ت	4.0		80
perindio-z-propoxyproparioic acid (Genx)	9.97	ppt		0.73	2.3		
perliuoroheptanoic acid (PFHpA)	11.4	taa		0 80	26		
perfluorohexanesulfonic acid (PFHxS)	IS 171	ont	٠.	۵ (c	0 0		
perfluoroctanoic acid (PEOA)	70.		-	1.0	0.0		
The state of the s	1.04	ppt		i.	2.5		
perinordianoic acio (PENA)	[1.58]	ppt		1.5	4.9		•
periluorooctanesultonic acid (PFOS)	14.5	ppt		17	מ		
perfluorodecanoic acid (PFDA)	[1 56]	nnt	٠.	000	3 0 0		
perfluoroundecanoic acid (PFUnA)	25		- اد	2 0	3.		J
perfluored personal (DED.A)		200	~		3.0		
perindicularia (PPDOA)	ND	ppt		1.9	6.1		
perfluorotridecanoic acid (PFTrDA)	8	ppt	>	3.2	10		
perfluorotetradecanoic acid (PFTA)	S	opt		28	20.0		
C13-PFHxA (SURR)	63.598%	100	. احـ	1:0	0.0		SD S
C13-PFDA (SURR)	89.338%	The spinor of the state of the	-> .				0 0
NOTES APPLICABLE TO THIS ANALYSIS:							

The PFOA branch isotope peak is included in the PFOA calculation per EPA directive. GenX analysis performed by Modified EPA Method 537.

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 C13-PFHxA recovered below QC limits.
 BD = Compound was detected in the laboratory method blank.
 perfluorohexanoic acid (PFHxA) detected at 2.34 ppt.



Analytical & Consulting Chemists

ENVIRONMENTAL CHEMISTS, INC

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

6602 Windmill Way Wilmington, NC 28405 OFFICE: 910-392-0223 FAX 910-392-4424 info@environmentalchemists.com

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ANALYSIS REQUESTED	HCL H2SO4 HNO3 NAOH THIO OTHER	Chlorii mg/L LAB II NUMBE	Compo or Grab Contain (P or 0	Samp Type	Temp	Time	Date	Sample Identification
	PRESERVATION	D ER	ner	}		Collection		
= Effluent, W = Well, ST = Stream, SO = Soil, SL = Sludge, Other:	= Effluent, W = Well, ST = Stream	SAMPLE TYPE: I = Influent, E =	SAMPLE TY				HAS HIC	Sampled By:
email: glenn . Walker@brungwick county no	email: എ	and symmetrical and systems of the property of the contract of	.O.	COPY TO:				
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Comments:

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