



Environmental Chemists, Inc.

6602 Windmill Way, Wilmington, NC 28405 • 910.392.0223 Lab • 910.392.4424 Fax
710 Bowsertown Road, Manteo, NC 27954 • 252.473.5702 Lab/Fax
255-A Wilmington Highway, Jacksonville, NC 28540 • 910.347.5843 Lab/Fax

ANALYTICAL & CONSULTING CHEMISTS

info@environmentalchemists.com

July 20, 2018

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

Report #2018-10394
Collected – June 28, 2018

Enclosed please find your analytical report.

Sincerely,

Tammy Duran
Environmental Chemists, Inc.

Customer: Environmental Chemists NLS Project: 302829
 Project Description: PFCs by EPA 537 (w/GenX)
 Project Title: Template: 537PPT2GENX Printed: 07/18/2018 15:43

Sample: 1065300 26169 Collected: 06/28/18 Analyzed: 07/12/18 - Analytes: 13

ANALYTE NAME	RESULT	UNITS	WWB	DIL	LOD	LOQ	MCL	Note
perfluorobutanesulfonic acid (PFBS)	[3.79]	ppt	1	1	3.6	1.1		J
perfluorohexanoic acid (PFHXA)	11.7	ppt	1	1	0.83	2.6		
perfluoro-2-propoxypropanoic acid (GenX)	21.7	ppt	1	1	0.62	2.0		
perfluorheptanoic acid (PFHpA)	10.4	ppt	1	1	0.45	1.4		
perfluorohexanesulfonic acid (PFHxS)	4.23	ppt	1	1	1.3	4.1		
perfluorooctanoic acid (PFOA)	7.52	ppt	1	1	0.70	2.2		
perfluorononanoic acid (PFNA)	[2.07]	ppt	1	1	1.3	4.1		J
perfluorooctanesulfonic acid (PFOS)	11.3	ppt	1	1	1.5	4.7		
perfluorodecanoic acid (PFDA)	[1.69]	ppt	1	1	1.2	3.8		J
perfluoroundecanoic acid (PFUNA)	ND	ppt	1	1	1.2	3.7		
perfluorododecanoic acid (PFDOA)	ND	ppt	1	1	0.95	3.0		
perfluorotridecanoic acid (PFTDA)	ND	ppt	1	1	0.97	3.1		
perfluorotetradecanoic acid (PFTA)	ND	ppt	1	1	0.88	2.8		
C13-PFHXA (SURR)	80.121%		1	1				S
C13-PFDA (SURR)	85.913%		1	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.

Sample: 1065301 26170 Collected: 06/28/18 Analyzed: 07/12/18 - Analytes: 13

ANALYTE NAME	RESULT	UNITS	WWB	DIL	LOD	LOQ	MCL	Note
perfluorobutanesulfonic acid (PFBS)	ND	ppt	1	1	3.6	1.1		
perfluorohexanoic acid (PFHXA)	11.4	ppt	1	1	0.83	2.6		
perfluoro-2-propoxypropanoic acid (GenX)	22.4	ppt	1	1	0.62	2.0		
perfluorheptanoic acid (PFHpA)	10.1	ppt	1	1	0.45	1.4		
perfluorohexanesulfonic acid (PFHxS)	4.12	ppt	1	1	1.3	4.1		J
perfluorooctanoic acid (PFOA)	7.09	ppt	1	1	0.70	2.2		
perfluorononanoic acid (PFNA)	[1.63]	ppt	1	1	1.3	4.1		J
perfluorooctanesulfonic acid (PFOS)	9.87	ppt	1	1	1.5	4.7		
perfluorodecanoic acid (PFDA)	[1.26]	ppt	1	1	1.2	3.8		J
perfluoroundecanoic acid (PFUNA)	ND	ppt	1	1	1.2	3.7		
perfluorododecanoic acid (PFDOA)	ND	ppt	1	1	0.95	3.0		
perfluorotridecanoic acid (PFTDA)	ND	ppt	1	1	0.97	3.1		
perfluorotetradecanoic acid (PFTA)	ND	ppt	1	1	0.88	2.8		
C13-PFHXA (SURR)	74.896%		1	1				S
C13-PFDA (SURR)	82.401%		1	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.

CLIENT: Braunschweig County Water PROJECT NAME: REPORT NO:

ADDRESS: P.O. Box 249 CONTACT NAME: Glenn Walker PO NO: 18-10394

BOLIVIA, N.C. 28422 REPORT TO: SAME PHONE/FAX:

Sampled By: Billy Beeson COPY TO: email: glenn.walker@braunschweigcounty.gov

SAMPLE TYPE: I = Influent, E = Effluent, W = Well, ST = Stream, SO = Soil, SL = Sludge, Other:

Sample Identification	Collection			Sample Type	Composite or Grab	Container (P or G)	Chlorine mg/L	LAB ID NUMBER	PRESERVATION						ANALYSIS REQUESTED	
	Date	Time	Temp						NONE	HCL	H2SO4	HNO3	NAOH	THO		Zn acetate
062818-SD1	6/28/18	10:30 AM	28.5	RAW	(G)	(P)		26169								EPA 537 + GENX
062818-ED1	6/28/18	10:30 AM	29.0	DLW	(G)	(P)		26170								
					(G)	(P)										
					(G)	(P)										
					(G)	(P)										
					(G)	(P)										
					(G)	(P)										
					(G)	(P)										
					(G)	(P)										
					(G)	(P)										
					(G)	(P)										
					(G)	(P)										

Transfer Relinquished By: [Signature] Date/Time: 6/28/18 Received By: [Signature] Date/Time: [Blank]

Temperature when Received: 49 Accepted: [check] Resample Requested: [Blank] Date: 6-28-18 Time: 2:19 P.

Delivered By: Billy Beeson Received By: [Signature] Comments: TURNAROUND: [Blank]