



Results Report

Order ID: 7103648

Warrington Township Water & Sewer
852 Easton Road
Warrington, PA 18976

Project: Monthly PFOs EP 104 & EP 107

Attn: Rick Zeitler

Sample Number: 7103648-01
Collector: DRW-STL
Sample Regulatory ID: 1090070

Site: EP 104 - Well #5
Collect Date: 10/25/2017 11:58 am
SDWA Reporting IDs: (104 / R / E)

Sample ID: Raw Tap
Sample Type: E

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
-------------------------------	--------	-------	--------	------	----	-----------	----	---------------	----

EPA 537

Perfluorobutanesulfonic acid	<0.042	ug/L	EPA 537	0.042	1	10/31/17		11/01/17 18:33	SUB
Perfluoroheptanoic acid	0.0031 J	ug/L	EPA 537	0.0019	1	10/31/17		11/01/17 18:33	SUB
Perfluorohexanesulfonic acid	<0.0058	ug/L	EPA 537	0.0058	1	10/31/17		11/01/17 18:33	SUB
Perfluorononanoic acid	<0.0055	ug/L	EPA 537	0.0055	1	10/31/17		11/01/17 18:33	SUB
Perfluorooctanesulfonic acid	0.013 J	ug/L	EPA 537	0.0086	1	10/31/17		11/01/17 18:33	SUB
Perfluorooctanoic acid	0.012	ug/L	EPA 537	0.00094	1	10/31/17		11/01/17 18:33	SUB

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 13C2-PFDA (S)	0.037	ug/L	EPA 537	98%	1	70-130	11/01/17 18:33
Surrogate: 13C2-PFHxA (S)	0.039	ug/L	EPA 537	103%	1	70-130	11/01/17 18:33

Sample Number: 7103648-02
Collector: DRW-STL
Sample Regulatory ID: 1090070

Site: EP 107 - Well #11
Collect Date: 10/25/2017 11:45 am
SDWA Reporting IDs: (107 / R / E)

Sample ID: Raw Tap
Sample Type: E

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
-------------------------------	--------	-------	--------	------	----	-----------	----	---------------	----

EPA 537

Perfluorobutanesulfonic acid	<0.042	ug/L	EPA 537	0.042	1	10/31/17		11/01/17 18:49	SUB
Perfluoroheptanoic acid	0.0054 J	ug/L	EPA 537	0.0019	1	10/31/17		11/01/17 18:49	SUB
Perfluorohexanesulfonic acid	<0.0057	ug/L	EPA 537	0.0057	1	10/31/17		11/01/17 18:49	SUB
Perfluorononanoic acid	<0.0054	ug/L	EPA 537	0.0054	1	10/31/17		11/01/17 18:49	SUB
Perfluorooctanesulfonic acid	0.013 J	ug/L	EPA 537	0.0084	1	10/31/17		11/01/17 18:49	SUB
Perfluorooctanoic acid	0.016	ug/L	EPA 537	0.00093	1	10/31/17		11/01/17 18:49	SUB

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 13C2-PFDA (S)	0.042	ug/L	EPA 537	113%	1	70-130	11/01/17 18:49
Surrogate: 13C2-PFHxA (S)	0.040	ug/L	EPA 537	107%	1	70-130	11/01/17 18:49

Data Qualifiers:

J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

Report Generated On: 11/07/2017 10:25 am
STL_Results Revision #1.6

7103648
Effective: 07/09/2014



Sample Receipt Conditions:

All samples met the sample receipt requirements for the relevant analyses.

Work Order Memo

SUB: EPA 537 performed by Lab ID# 68-00547

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

Reviewed and Released By:

Lisa F. Care
Project Manager

Report Generated On: 11/07/2017 10:25 am
STL_Results Revision #1.6

7103648
Effective: 07/09/2014



Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605
Phone: 610-375-8378 - Fax: 610-375-4090 - suburbantestinglabs.com

TAT (Circle One): Standard - 24hr - 48hr - 72hr - Other _____
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply.)

ORDER ID: 7103648



Client Name / Address:

Warrington Township Water & Sewer
852 Easton Road
Warrington, PA 18976

Phone: (215) 822-7272
Fax:

Project Name / Address:

Monthly PFOs EP 104 & EP 107

Client Project Manager: Rick Zeitler

Payment / P.O. Info:

Project Description:

Order Comments: Added via Sampling Kits by LFC 10/19/2017 08:42

10-1

Emailed AB 10/24/17

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
7103648-01	EP 104 - Well #5 (104/R/E)	Raw Tap	10/25/17 11:58	DRW/STL	SDWA	E	
Container Type / Preservation			Preservation Check		Analysis - Method		Field Results
None			A		Subcontracted Testing		
					Subcontracted Services - N/A		
7103648-02	EP 107 - Well #11 (107/R/E)	Raw Tap	10/25/17 11:45	DRW/STL	SDWA	E	
Container Type / Preservation			Preservation Check		Analysis - Method		Field Results
None			A		Subcontracted Testing		
					Subcontracted Services - N/A		

*Needs labels
-JSE 10-25-17

2
8 goe

WKO TAT = 14

No Thermal Preservation Required

Relinquished By:	Count	Date:	Temp (°C):	Sample Conditions	Sample Type Key	Reporting Options
Received By:		Time:	Temp (°C): 3.0			
Relinquished By:		Date: 10/25/17	Temp (°C): 3.0	All Containers Intact? Y/N	D = Distribution S = Entry Point D = Raw W = Check A = Special M = Maximum Residence	SDWA Reporting PWSID 1090070 Email Other
Received in Lab By:	2	Time: 1415	Acceptable? Y/N			
		Date: 10-25-17	Temp (°C):			
		Time: 1415	Acceptable? Y/N			

Signing this form indicates your agreement with STL's Standard Terms and Conditions (www.suburbantestinglabs.com/resources/standard-terms-and-conditions.html) unless otherwise specified in writing.

wko_STL_Prelim_Is.rpt

Lisa F. Care

Date Created: 10/19/2017 12:00

Date Printed: 10/19/2017

7103648

Shaded areas are for STL use only

Page 1 of 1

Page 3 of 3