PARSONS

OLD OUTFALL 002 SURFACE WATER SAMPLING RESULTS

CHEMOURS FAYETTEVILLE WORKS
RCRA PERMIT NO. NCD047368642-R2-M3

Prepared for:

The Chemours Company FC, LLC
Corporate Remediation Group
22828 NC Highway 87 W
Fayetteville, NC 28306-7332

Prepared by:

PARSONS
4701 Hedgemore Drive
Charlotte, NC 28209

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Chemours PN 504552
Parsons PN 449338

TABLE OF CONTENTS

FIGURE

TABLE

APPENDIX

ACRONYMS

Acronym	Definition / Description
COC	Constituent of concern
HFPO-DA	Hexafluoropropylene oxide dimer acid (aka GenX)
LCS	Laboratory control samples
MS/MSD	Matrix spike/matrix spike duplicates
NCDEQ	North Carolina Department of Environmental Quality
NPDES	National Pollutant Discharge Elimination System
PFAS	Per - and polyfluoroalkyl substances
PFC	Perfluorinated Compounds
PFMOAA	Perfluoro-2-methoxyacetic acid
REP	Replicate
Site	Fayetteville Works Facility
RAP	Remedial Action Plan

1.0 INTRODUCTION

On February 25, 2019, The Chemours Company FC, LLC (Chemours) entered into a Consent Order (CO) with the State of North Carolina and Cape Fear River Watch to address perfluoroalkyl and polyfluoroalkyl substances (PFAS) at the Fayetteville Works site. Studies conducted at the Site have determined that groundwater containing PFAS constituents is discharging to a stormwater channel on the property referred to as the Old Outfall 002 (Figure 1). The channel was historically utilized to discharge process wastewater but was abandoned when the current outfall was constructed. There is currently no wastewater discharge from the Site into this former outfall.

As required by paragraph 12.e of the CO, samples were required to be collected once per month beginning in March 2019 and completed by September 30, 2019. The CO lists the following locations where samples are to be collected to meet this requirement: A (mouth of stream), A (seep), B, C, D, E, Option B (proposed dam), and Creek A2 (as shown on Attachment A of the CO). However, a subsequent GPS survey of the sampling locations determined that locations B, A (seep), and C were incorrectly mapped on Attachment A. Location C is located at the location originally marked as A (seep), A (seep) was collected at the location marked as B, and location B is located a few hundred feet downstream of the originally mapped location. The corrected locations are shown on Figure 1. In order to ensure that all data required by the CO were collected, one additional location was added (designated OLDOF-C2 on Figure 1). Nine surface water samples were collected along the former outfall as part of the monthly sampling program. The sampling points are shown on Figure 1.

This report presents the results of the sampling.

2.0 FIELD SAMPLING PLAN AND ANALYTICAL METHODS

Surface water samples were collected once per month between March and August from the nine locations shown on Figure 1. Where possible, the samples were collected after a period of at least three days without measurable rain greater than 0.25 inches.

Surface water samples were collected at the locations and using the procedures described in the Old Outfall 002 Surface Water Sampling Plan prepared by Parsons and submitted to NCDEQ on March 10, 2019. The sampling was conducted starting from the most downstream location working upstream. Information related to collection of each surface water sample was recorded in logbooks. The field notes are included as Appendix A.

All samples were submitted to TestAmerica Laboratory in Sacramento, California for analysis of Table 3+ PFAS compounds and Method 537 PFAS compounds including Hexafluoropropylene oxide dimer acid (HFPO-DA). An additional sample bottle was collected at each location and held at the laboratory for potential future analysis if necessary.

Field duplicates, matrix spikes, and lab replicates were collected at a frequency of one per 20 samples. Field blanks were collected at a frequency of one per day.

3.0 RESULTS

The results are summarized on Table 1 and the laboratory reports are included in Appendix B. The concentrations from month to month are relatively consistent with only minor variations for most constituents (attributable to environmental heterogeneities). Consistent with previous sampling conducted at Old Outfall 002, Hexafluoropropylene oxide dimer acid (HFPO-DA) was detected at the highest concentration of constituents analyzed via Method 537 and Perfluoro-2-methoxyacetic acid (PFMOAA) was the highest detected Table 3+ constituent.

FIGURE

PMDF

PVF Area

OLDOF-E

OLDOF-D

OLDOF-C2

Formerly Designated Point "C")

OLDOF-C

Formerly Designated Point "A Seep")

OLDOF-CREEK-A2

OLDOF-A-SEEP

Formerly Designated Point "B")

OLDOF-B

OLDOF-2B

OLDOF-A

N

0 0.5 1 Miles

Sample Location

Plant Border

Drainage Channel

River

N

0 500 1,000 Feet

Path: C:\Users\p0084374\Documents_BTS\PEI\Fayetteville\Gis\Project_Figures\2018\Option_F4_Sample_Plan.mxd

PARSONS

PE&I
4701 Hedgemore Dr.
Charlotte, NC 28209

Old Outfall 002- Sampling Plan
Chemours Fayetteville Works
Fayetteville, North Carolina

Drawn: Y. Rappaport	Date: 3/5/2019	File Project Number: 449338.01050
Revision: 1	Figure Number: 1	
Name: Option_F4_Sample_Plan		

TABLE

Table 1
Surface Water Sampling Results
Old Outfall 002
Chemours Fayetteville Works
Fayetteville, North Carolina

Location ID		OLDOF-2B								OLDOF-A					
Date Sampled		03/21/2019	04/17/2019	05/15/2019	06/20/2019	06/20/2019	07/16/2019	08/14/2019	08/14/2019	03/21/2019	04/17/2019	05/15/2019	06/20/2019	07/16/2019	08/14/2019
Sample Purpose		FS		FS	FS	DUP	FS	FS	DUP	FS		FS	FS	FS	FS
Parameter Name	Unist	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PFAS - 537 Modified															
Perfluorobutane Sulfonic Acid	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorobutanoic Acid	UG/L	**0.079**	NS	**0.088**	**0.084**	**0.083**	**0.085**	**0.082**	**0.083**	**0.08**	NS	**0.082**	**0.081**	**0.082**	**0.082**
Perfluorodecanoic Acid	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorododecanoic Acid	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
Perfluoroheptanoic Acid	UG/L	**0.022**	NS	**0.026**	**0.026**	**0.025**	**0.026**	**0.027**	**0.026**	**0.026**	NS	**0.027**	**0.027**	**0.027**	**0.029**
Perfluorohexane Sulfonic Acid	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	**0.0021**	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorohexanoic Acid	UG/L	**0.014**	NS	**0.016**	**0.016**	**0.016**	**0.016**	**0.018**	**0.018**	**0.014**	NS	**0.014**	**0.016**	**0.015**	**0.016**
Perfluorononanoic Acid	UG/L	**0.0067**	NS	**0.011**	**0.0077**	**0.0079**	**0.0078**	**0.0091**	**0.0099**	**0.007**	NS	**0.0069**	**0.0076**	**0.0086**	**0.0091**
N-ethylperfluoro-1-octanesulfonamide	UG/L	NR[1]	NS	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020	<0.0020	NR[1]	NS	NR[1]	NR[1]	NR[1]	<0.0020
Perfluoropentanoic Acid	UG/L	**0.15**	NS	**0.15**	**0.16**	**0.15**	**0.15**	**0.16**	**0.16**	**0.15**	NS	**0.16**	**0.15**	**0.16**	**0.16**
Perfluoroundecanoic Acid	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
PFOA	UG/L	**0.032**	NS	**0.037**	**0.033**	**0.033**	**0.034**	**0.036**	**0.038**	**0.032**	NS	**0.032**	**0.032**	**0.033**	**0.034**
PFOS	UG/L	**0.002**	NS	**0.003**	**0.0023**	**0.0023**	**0.0022**	**0.0024**	**0.0032**	**0.0022**	NS	**0.0023**	**0.0025**	**0.0026**	**0.0028**
Hfpo Dimer Acid	UG/L	**8**	NS	**8**	**13.0 J**	**8.4 J**	**6.8**	**7.5 J**	**12.0 J**	**6**	NS	**6.5**	**21**	**9.3**	**7.7**
Perfluorodecane Sulfonic Acid	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorotetradecanoic Acid	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorotridecanoic Acid	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
10:2 Fluorotelomer sulfonate	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	UG/L	<0.020	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	NS	<0.020	<0.020	<0.020	<0.020
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	UG/L	<0.020	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	NS	<0.020	<0.020	<0.020	<0.020
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	NR[1]	NS	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020	<0.0020	NR[1]	NS	NR[1]	NR[1]	NR[1]	<0.0020
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	NR[1]	NS	NR[1]	NR[1]	NR[1]	NR[1]	<0.0040	<0.0040	NR[1]	NS	NR[1]	NR[1]	NR[1]	<0.0040
6:2 Fluorotelomer sulfonate	UG/L	<0.020	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	NS	<0.020	<0.020	<0.020	<0.020
ADONA	UG/L	<0.0021	NS	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	NS	<0.0021	<0.0021	<0.0021	<0.0021
F-53B Major	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
F-53B Minor	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
N-ethyl perfluorooctane sulfonamidoacetic acid	UG/L	<0.020	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	NS	<0.020	<0.020	<0.020	<0.020
N-methyl perfluoro-1-octanesulfonamide	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020	<0.0020	NR[1]	NS	NR[1]	NR[1]	NR[1]	<0.0020
N-methyl perfluorooctane sulfonamidoacetic acid	UG/L	<0.020	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	NS	<0.020	<0.020	<0.020	<0.020
NaDONA	UG/L	<0.0021	NS	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	NS	<0.0021	<0.0021	<0.0021	<0.0021
Perfluorododecane sulfonic acid (PFDoS)	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
Perfluoroheptane sulfonic acid (PFHpS)	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorohexadecanoic acid (PFHxDA)	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020

Table 1
Surface Water Sampling Results
Old Outfall 002
Chemours Fayetteville Works
Fayetteville, North Carolina

Location ID		OLDOF-2B								OLDOF-A					
Date Sampled		03/21/2019	04/17/2019	05/15/2019	06/20/2019	06/20/2019	07/16/2019	08/14/2019	08/14/2019	03/21/2019	04/17/2019	05/15/2019	06/20/2019	07/16/2019	08/14/2019
Sample Purpose		FS		FS	FS	DUP	FS	FS	DUP	FS		FS	FS	FS	FS
Parameter Name	Unist	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Perfluorononanesulfonic acid	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorooctadecanoic acid	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorooctane Sulfonamide	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
Perfluoropentane sulfonic acid (PFPeS)	UG/L	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NS	<0.0020	<0.0020	<0.0020	<0.0020
PFAS - Table 3+															
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	<0.12 UJ	NS	<0.12	<0.060	<0.060	<0.060	NR[2]	NR[2]	<0.12 UJ	NS	<0.12	<0.060	<0.060	NR[2]
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	<0.22 UJ	NS	<0.22	<0.11	<0.11	<0.11	NR[2]	NR[2]	<0.22 UJ	NS	<0.22	<0.11	<0.11	NR[2]
N-ethylperfluoro-1-octanesulfonamide	UG/L	<0.075 UJ	NS	<0.075	<0.037	<0.037	<0.037	NR[2]	NR[2]	<0.075 UJ	NS	<0.075	<0.037	<0.037	NR[2]
N-methyl perfluoro-1-octanesulfonamide	UG/L	<0.069 UJ	NS	<0.069	<0.035	<0.035	<0.035	NR[2]	NR[2]	<0.069 UJ	NS	<0.069	<0.035	<0.035	NR[2]
Byproduct 4	UG/L	<0.32 UJ	NS	**0.52**	**0.52**	**0.45**	**0.43**	**0.72**	**0.67**	**0.35 J**	NS	**0.53**	**0.44**	**0.49**	**0.48**
Byproduct 5	UG/L	**0.80 J**	NS	**1.5**	**1.3**	**1.3**	**1.3 J**	**1.5 J**	**1.5 J**	**0.76 J**	NS	**1.4**	**1.2**	**1.4 J**	**1.1 J**
Byproduct 6	UG/L	<0.031 UJ	NS	<0.031	**0.015**	<0.015	<0.015	**0.015**	**0.015**	<0.031 UJ	NS	<0.031	**0.015**	<0.015	<0.015
EVE Acid	UG/L	<0.049 UJ	NS	<0.049	<0.024	<0.024	**0.037**	<0.024	<0.024	<0.049 UJ	NS	<0.049	**0.025**	**0.043**	<0.024
Hydro-EVE Acid	UG/L	**0.17 J**	NS	**0.22**	**0.22**	**0.21**	**0.22**	**0.31**	**0.33**	**0.17 J**	NS	**0.19**	**0.21**	**0.22**	**0.22**
NVHOS	UG/L	**0.71 J**	NS	**0.78**	**0.86**	**0.86**	**0.89**	**1.2**	**1.2**	**0.73 J**	NS	**0.77**	**0.81**	**0.87**	**0.83**
PEPA	UG/L	**1.9 J**	NS	**1.9**	**1.9**	**2.1**	**2**	**2.7**	**2.7**	**1.9 J**	NS	**1.8**	**2.1**	**2**	**1.9**
PES	UG/L	<0.092 UJ	NS	<0.092	<0.046	<0.046	<0.046	<0.046	<0.046	<0.092 UJ	NS	<0.092	<0.046	<0.046	<0.046
PFECA B	UG/L	<0.12 UJ	NS	<0.12	<0.060	<0.060	<0.060	<0.060	<0.060	<0.12 UJ	NS	<0.12	<0.060	<0.060	<0.060
PFECA-G	UG/L	<0.082 UJ	NS	<0.082	<0.041	<0.041	<0.041	<0.041	<0.041	<0.082 UJ	NS	<0.082	<0.041	<0.041	<0.041
PFESA-BP1	UG/L	**0.19 J**	NS	<0.053	**0.24**	**0.23**	**0.39**	**0.073**	**0.074**	**0.19 J**	NS	<0.053	**0.27**	**0.42**	**0.036**
PFESA-BP2	UG/L	**0.29 J**	NS	**0.35**	**0.35**	**0.35**	**0.34**	**0.47**	**0.51**	**0.25 J**	NS	**0.28**	**0.34**	**0.35**	**0.32**
PFMOAA	UG/L	**67 J**	NS	**91**	**88**	**85**	**89**	**134**	**130**	**75 J**	NS	**88**	**82**	**90**	**97**
PFO2HxA	UG/L	**16 J**	NS	**18**	**21**	**20**	**20**	**27**	**27**	**17 J**	NS	**18**	**20**	**20**	**20**
PFO3OA	UG/L	**4.2 J**	NS	**4.6**	**6.1 J**	**5.0 J**	**5.1**	**7.2**	**7**	**4.2 J**	NS	**4.4**	**5.5**	**5.3**	**5**
PFO4DA	UG/L	**1.3 J**	NS	**1.7**	**1.9**	**1.7**	**1.6**	**2.3**	**2.3**	**1.4 J**	NS	**1.5**	**1.7**	**1.6**	**1.6**
PFO5DA	UG/L	**0.62 J**	NS	**0.86**	**0.63 J**	**0.59 J**	**0.7**	**1.1 J**	**1.2 J**	**0.66 J**	NS	**0.68**	**0.77 J**	**0.69**	**0.75 J**
PMPA	UG/L	**5.8 J**	NS	**5.7**	**6.2**	**6.7**	**6.2**	**7.4**	**7.3**	**5.9 J**	NS	**5.4**	**6.6**	**6.3**	**5.4**
R-EVE	UG/L	<0.14 UJ	NS	<0.14	**0.21**	**0.21**	**0.21 J**	**0.33**	**0.32**	**0.17 J**	NS	<0.14	**0.19**	**0.3**	**0.22**

NOTES:
< = Not detected
FS = Field Sample
DUP = Duplicate Sample
NR[1] = Not reported; constituent reported under Table 3+
NR[2] = Not reported; constituent reported under 537 Mod
NS = Not sampled (location flooded)
J = Estimated value
UJ = Not detected at estimated detection limit

Table 1
Surface Water Sampling Results
Old Outfall 002
Chemours Fayetteville Works
Fayetteville, North Carolina

Location ID		OLDOF-A-SEEP						OLDOF-B						
Date Sampled		03/21/2019	04/17/2019	05/15/2019	06/20/2019	07/16/2019	08/14/2019	03/21/2019	04/17/2019	04/17/2019	05/15/2019	06/20/2019	07/16/2019	08/14/2019
Sample Purpose		FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS	FS	FS	FS
Parameter Name	Unist	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PFAS - 537 Modified														
Perfluorobutane Sulfonic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorobutanoic Acid	UG/L	**0.082**	**0.084**	**0.027**	**0.083**	**0.087**	**0.084**	**0.081**	**0.083**	**0.082**	**0.086**	**0.084**	**0.085**	**0.086**
Perfluorodecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorododecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluoroheptanoic Acid	UG/L	**0.024**	**0.026**	**0.0045**	**0.026**	**0.026**	**0.027**	**0.024**	**0.024**	**0.024**	**0.025**	**0.025**	**0.025**	**0.028**
Perfluorohexane Sulfonic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	**0.0021**	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorohexanoic Acid	UG/L	**0.015**	**0.015**	**0.006**	**0.017**	**0.016**	**0.017**	**0.015**	**0.015**	**0.016**	**0.016**	**0.016**	**0.016**	**0.017**
Perfluorononanoic Acid	UG/L	**0.0081**	**0.0083**	<0.0020	**0.01**	**0.0086**	**0.01**	**0.0071**	**0.0071**	**0.0074**	**0.012**	**0.0076**	**0.0077**	**0.0082**
N-ethylperfluoro-1-octanesulfonamide	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020
Perfluoropentanoic Acid	UG/L	**0.14**	**0.14**	**0.029**	**0.14**	**0.15**	**0.14**	**0.14**	**0.15**	**0.14**	**0.15**	**0.16**	**0.15**	**0.15**
Perfluoroundecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	**0.0033**
PFOA	UG/L	**0.037**	**0.037**	<0.0020	**0.038**	**0.037**	**0.038**	**0.034**	**0.031**	**0.032**	**0.037**	**0.034**	**0.032**	**0.035**
PFOS	UG/L	**0.0022**	**0.0022**	<0.0020	**0.0031**	**0.0024**	**0.0027**	**0.0021**	**0.0022**	**0.0021**	**0.0038**	**0.0023**	**0.002**	**0.0024**
Hfpo Dimer Acid	UG/L	**8.4**	**7.5**	**1.8**	**9.6**	**6.2**	**8**	**7.4**	**6.9 J**	**8.8 J**	**7.8**	**7.8**	**9.1**	**6.7**
Perfluorodecane Sulfonic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorotetradecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorotridecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
10:2 Fluorotelomer sulfonate	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0040	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0040
6:2 Fluorotelomer sulfonate	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
ADONA	UG/L	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021
F-53B Major	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
F-53B Minor	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
N-ethyl perfluorooctane sulfonamidoacetic acid	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
N-methyl perfluoro-1-octanesulfonamide	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020
N-methyl perfluorooctane sulfonamidoacetic acid	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
NaDONA	UG/L	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021
Perfluorododecane sulfonic acid (PFDoS)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluoroheptane sulfonic acid (PFHpS)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorohexadecanoic acid (PFHxDA)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020

Table 1
Surface Water Sampling Results
Old Outfall 002
Chemours Fayetteville Works
Fayetteville, North Carolina

Location ID		OLDOF-A-SEEP						OLDOF-B						
Date Sampled		03/21/2019	04/17/2019	05/15/2019	06/20/2019	07/16/2019	08/14/2019	03/21/2019	04/17/2019	04/17/2019	05/15/2019	06/20/2019	07/16/2019	08/14/2019
Sample Purpose		FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS	FS	FS	FS
Parameter Name	Unist	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Perfluorononanesulfonic acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorooctadecanoic acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorooctane Sulfonamide	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluoropentane sulfonic acid (PFPeS)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
PFAS - Table 3+														
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	<0.12 UJ	<0.060 UJ	<0.060	<0.060	<0.060	NR[2]	**0.12 J**	<0.060 UJ	<0.060	<0.060	<0.060	<0.060	NR[2]
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	<0.22 UJ	<0.11	<0.11	<0.11	<0.11	NR[2]	<0.22 UJ	<0.11	<0.11	<0.11	<0.11	<0.11	NR[2]
N-ethylperfluoro-1-octanesulfonamide	UG/L	<0.075 UJ	<0.037	<0.037	<0.037	<0.037	NR[2]	<0.075 UJ	<0.037	<0.037	<0.037	<0.037	<0.037	NR[2]
N-methyl perfluoro-1-octanesulfonamide	UG/L	<0.069 UJ	<0.035	<0.035	<0.035	<0.035	NR[2]	<0.069 UJ	<0.035	<0.035	<0.035	<0.035	<0.035	NR[2]
Byproduct 4	UG/L	**0.35 J**	**0.4**	**0.19**	**0.46**	**0.49**	**0.67**	**0.32 J**	**0.53**	**0.46**	**0.57**	**0.45**	**0.49**	**0.58**
Byproduct 5	UG/L	**0.86 J**	**1**	<0.058	**1.2**	**1.5 J**	**1.1 J**	**0.75 J**	**1**	**0.98**	**1.4**	**1.2**	**1.5 J**	**1.4 J**
Byproduct 6	UG/L	<0.031 UJ	**0.018**	<0.015	<0.015	**0.015**	<0.015	<0.031 UJ	**0.015**	**0.015**	**0.015**	<0.015	<0.015	**0.015**
EVE Acid	UG/L	<0.049 UJ	<0.024	<0.024	<0.024	**0.044**	<0.024	<0.049 UJ	<0.024	<0.024	<0.024	<0.024	**0.04**	<0.024
Hydro-EVE Acid	UG/L	**0.17 J**	**0.21**	<0.028	**0.2**	**0.22**	**0.26**	**0.16 J**	**0.19**	**0.19**	**0.22**	**0.21**	**0.24**	**0.26**
NVHOS	UG/L	**0.80 J**	**0.88**	<0.054	**0.84**	**0.97**	**0.92**	**0.61 J**	**0.82**	**0.84**	**0.83**	**0.84**	**0.93**	**0.98**
PEPA	UG/L	**2.2 J**	**2.1**	**1.1**	**2.1**	**2.1**	**2**	**1.9 J**	**2**	**2**	**1.9**	**2.2**	**2.1**	**2.3**
PES	UG/L	<0.092 UJ	<0.046	<0.046	<0.046	<0.046	<0.046	<0.092 UJ	<0.046	<0.046	<0.046	<0.046	<0.046	<0.046
PFECA B	UG/L	<0.12 UJ	<0.060	<0.060	<0.060	<0.060	<0.060	<0.12 UJ	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060
PFECA-G	UG/L	<0.082 UJ	<0.041	<0.041	<0.041	<0.041	<0.041	<0.082 UJ	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041
PFESA-BP1	UG/L	**0.17 J**	**0.14**	<0.027	**0.21**	**0.41**	**0.1**	**0.15 J**	**0.11**	**0.13**	**0.027**	**0.18**	**0.41**	**0.06**
PFESA-BP2	UG/L	**0.30 J**	**0.35**	**0.035**	**0.37**	**0.36**	**0.49**	**0.25 J**	**0.31**	**0.33**	**0.36**	**0.36**	**0.37**	**0.38**
PFMOAA	UG/L	**84 J**	**108**	**0.62**	**87**	**98**	**107**	**71 J**	**105**	**106**	**82**	**86**	**94**	**111**
PFO2HxA	UG/L	**19 J**	**19**	**1.3**	**21**	**22**	**22**	**17 J**	**17**	**17**	**20**	**19**	**21**	**24**
PFO3OA	UG/L	**4.6 J**	**5**	**0.25**	**6.4**	**5.6**	**5.6**	**4.0 J**	**4.4**	**4.7**	**5**	**5.4**	**5.3**	**5.9**
PFO4DA	UG/L	**1.5 J**	**1.4**	<0.079	**2.1**	**1.7**	**2**	**1.3 J**	**1.1**	**1.3**	**1.5**	**1.8**	**1.6**	**1.9**
PFO5DA	UG/L	**0.74 J**	**0.58**	<0.034	**0.83 J**	**0.68**	**1.3 J**	**0.63 J**	**0.49**	**0.53**	**0.71 J**	**0.70 J**	**0.69**	**0.78 J**
PMPA	UG/L	**6.3 J**	**5**	**3.5**	**6.4**	**6.4**	**5.5**	**5.5 J**	**4.8**	**4.9**	**5.7**	**5.9**	**6.1**	**6.3**
R-EVE	UG/L	**0.16 J**	**0.17**	**0.13**	**0.18**	**0.27**	**0.26**	**0.15 J**	<0.070	**0.19 J**	**0.25**	**0.2**	**0.25**	**0.29**

NOTES:
< = Not detected
FS = Field Sample
DUP = Duplicate Sample
NR[1] = Not reported; constituent reported under Table 3-
NR[2] = Not reported; constituent reported under 537 Moc
NS = Not sampled (location flooded)
J = Estimated value
UJ = Not detected at estimated detection limit

Table 1
Surface Water Sampling Results
Old Outfall 002
Chemours Fayetteville Works
Fayetteville, North Carolina

Location ID		OLDOF-C								OLDOF-C2					
Date Sampled		03/21/2019	03/21/2019	04/17/2019	05/15/2019	05/15/2019	06/20/2019	07/16/2019	08/14/2019	03/21/2019	04/17/2019	05/15/2019	06/20/2019	07/16/2019	08/14/2019
Sample Purpose		FS	DUP	FS	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS
Parameter Name	Unist	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PFAS - 537 Modified															
Perfluorobutane Sulfonic Acid	UG/L	**0.0021**	**0.0021**	**0.002**	**0.0024**	**0.0023**	**0.0023**	**0.0021**	**0.002**	**0.0023**	**0.0024**	**0.0028**	**0.0027**	**0.0025**	**0.0022**
Perfluorobutanoic Acid	UG/L	**0.12**	**0.12**	**0.12**	**0.11**	**0.12**	**0.11**	**0.11**	**0.1**	**0.11**	**0.11**	**0.11**	**0.1**	**0.099**	**0.094**
Perfluorodecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	**0.0021**	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	**0.0026**	<0.0020	<0.0020	<0.0020
Perfluorododecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluoroheptanoic Acid	UG/L	**0.035**	**0.035**	**0.035**	**0.038**	**0.036**	**0.035**	**0.032**	**0.034**	**0.035**	**0.035**	**0.037**	**0.035**	**0.034**	**0.035**
Perfluorohexane Sulfonic Acid	UG/L	**0.0025**	**0.0026**	**0.0025**	**0.0026**	**0.0026**	**0.0023**	**0.0022**	**0.0022**	**0.0025**	**0.0027**	**0.0027**	**0.0023**	**0.0023**	**0.0023**
Perfluorohexanoic Acid	UG/L	**0.022**	**0.021**	**0.022**	**0.023**	**0.024**	**0.021**	**0.02**	**0.021**	**0.02**	**0.02**	**0.02**	**0.021**	**0.018**	**0.02**
Perfluorononanoic Acid	UG/L	**0.013**	**0.013**	**0.012**	**0.023 J**	**0.016 J**	**0.013**	**0.012**	**0.012**	**0.014**	**0.014**	**0.022**	**0.015**	**0.013**	**0.015**
N-ethylperfluoro-1-octanesulfonamide	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020
Perfluoropentanoic Acid	UG/L	**0.2**	**0.2**	**0.19**	**0.19**	**0.19**	**0.19**	**0.18**	**0.18**	**0.2**	**0.19**	**0.18**	**0.19**	**0.18**	**0.17**
Perfluoroundecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
PFOA	UG/L	**0.048**	**0.048**	**0.047**	**0.054**	**0.053**	**0.048**	**0.047**	**0.051**	**0.053**	**0.052**	**0.066**	**0.053**	**0.054**	**0.057**
PFOS	UG/L	**0.0034**	**0.0034**	**0.0035**	**0.0067 J**	**0.0048**	**0.0035**	**0.0032**	**0.0034**	**0.004**	**0.0043**	**0.0074**	**0.004**	**0.004**	**0.0041**
Hfpo Dimer Acid	UG/L	**12.0 J**	**9.8 J**	**10**	**10**	**11**	**12**	**12**	**8.5**	**8.3**	**11**	**7.7**	**11**	**9.6**	**11**
Perfluorodecane Sulfonic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorotetradecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorotridecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
10:2 Fluorotelomer sulfonate	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0040	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0040
6:2 Fluorotelomer sulfonate	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
ADONA	UG/L	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021
F-53B Major	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
F-53B Minor	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
N-ethyl perfluorooctane sulfonamidoacetic acid	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
N-methyl perfluoro-1-octanesulfonamide	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020
N-methyl perfluorooctane sulfonamidoacetic acid	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
NaDONA	UG/L	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021
Perfluorododecane sulfonic acid (PFDoS)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluoroheptane sulfonic acid (PFHpS)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorohexadecanoic acid (PFHxDA)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020

Table 1
Surface Water Sampling Results
Old Outfall 002
Chemours Fayetteville Works
Fayetteville, North Carolina

Location ID		OLDOF-C								OLDOF-C2					
Date Sampled		03/21/2019	03/21/2019	04/17/2019	05/15/2019	05/15/2019	06/20/2019	07/16/2019	08/14/2019	03/21/2019	04/17/2019	05/15/2019	06/20/2019	07/16/2019	08/14/2019
Sample Purpose		FS	DUP	FS	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS
Parameter Name	Unist	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Perfluorononanesulfonic acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorooctadecanoic acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorooctane Sulfonamide	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluoropentane sulfonic acid (PFPeS)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
PFAS - Table 3+															
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	<0.12 UJ	<0.12 UJ	<0.060 UJ	<0.12	<0.12	<0.060	<0.060	NR[2]	<0.12 UJ	<0.060	<0.060	<0.060	<0.060	NR[2]
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	<0.22 UJ	<0.22 UJ	<0.11	<0.22	<0.22	<0.11	<0.11	NR[2]	<0.22 UJ	<0.11	<0.11	<0.11	<0.11	NR[2]
N-ethylperfluoro-1-octanesulfonamide	UG/L	<0.075 UJ	<0.075 UJ	<0.037	<0.075	<0.075	<0.037	<0.037	NR[2]	<0.075 UJ	<0.037	<0.037	<0.037	<0.037	NR[2]
N-methyl perfluoro-1-octanesulfonamide	UG/L	<0.069 UJ	<0.069 UJ	<0.035	<0.069	<0.069	<0.035	<0.035	NR[2]	<0.069 UJ	<0.035	<0.035	<0.035	<0.035	NR[2]
Byproduct 4	UG/L	**0.54 J**	**0.51 J**	**0.65 J**	**0.61**	**0.67**	**0.62**	**0.69**	**0.98**	**0.55 J**	<0.16	**0.73 J**	**0.61**	**0.52**	<0.79
Byproduct 5	UG/L	**1.3 J**	**1.3 J**	**1.5**	**2.4**	**2.4**	**1.7**	**2.1 J**	**1.8 J**	**1.2 J**	<0.058	**2.1**	**1.7**	**1.7 J**	**1.6 J**
Byproduct 6	UG/L	<0.031 UJ	<0.031 UJ	**0.024**	<0.031	<0.031	**0.02**	**0.02**	<0.077	<0.031 UJ	**0.022**	**0.036 J**	**0.023**	**0.019**	<0.077
EVE Acid	UG/L	<0.049 UJ	<0.049 UJ	**0.025**	<0.049	<0.049	**0.024**	**0.056**	<0.12	**0.082 J**	**0.061**	**0.078**	**0.093**	**0.1**	<0.12
Hydro-EVE Acid	UG/L	**0.29 J**	**0.26 J**	**0.31**	**0.39**	**0.36**	**0.28**	**0.28**	**0.33**	**0.26 J**	**0.26**	**0.37**	**0.29**	**0.25**	**0.29**
NVHOS	UG/L	**1.3 J**	**1.2 J**	**1.3**	**1.3**	**1.3**	**1.2**	**1.3**	**1.2**	**1.2 J**	**1.3**	**1.3**	**1.3**	**1.2**	**1.2**
PEPA	UG/L	**2.6 J**	**2.5 J**	**2.5**	**2.3**	**2.4**	**2.6**	**2.4**	**2.4**	**2.4 J**	**2.4**	**2.1**	**2.3**	**2.1**	**2.1**
PES	UG/L	<0.092 UJ	<0.092 UJ	<0.046	<0.092	<0.092	<0.046	<0.046	<0.23	<0.092 UJ	<0.046	<0.046	<0.046	<0.046	<0.23
PFECA B	UG/L	<0.12 UJ	<0.12 UJ	<0.060	<0.12	<0.12	<0.060	<0.060	<0.30	<0.12 UJ	<0.060	<0.060	<0.060	<0.060	<0.30
PFECA-G	UG/L	<0.082 UJ	<0.082 UJ	<0.041	<0.082	<0.082	<0.041	<0.041	<0.20	<0.082 UJ	<0.041	<0.041	<0.041	<0.041	<0.20
PFESA-BP1	UG/L	**0.29 J**	**0.25 J**	**0.25**	**0.14**	**0.16**	**0.32**	**0.6**	**0.27**	**0.77 J**	**0.64**	**0.75**	**0.84**	**0.98**	**0.75**
PFESA-BP2	UG/L	**0.45 J**	**0.43 J**	**0.49**	**0.65**	**0.54**	**0.49**	**0.47 J**	**0.49**	**0.43 J**	**0.47 J**	**0.65**	**0.52**	**0.47**	**0.47**
PFMOAA	UG/L	**137 J**	**120 J**	**152**	**150**	**147**	**125**	**130**	**145**	**151 J**	**139**	**147**	**139**	**133**	**143**
PFO2HxA	UG/L	**29 J**	**28 J**	**29**	**29**	**31**	**30**	**28**	**28**	**30 J**	**30**	**29**	**29**	**28**	**28**
PFO3OA	UG/L	**7.2 J**	**7.2 J**	**7.8**	**7.6**	**8**	**9.1**	**7.3**	**7.3**	**7.1 J**	**8.5**	**7.7**	**8.6**	**7.3**	**7.1**
PFO4DA	UG/L	**2.4 J**	**2.3 J**	**2.4**	**2.9**	**2.9**	**2.3**	**2.2**	**2.4**	**2.5 J**	**2.8**	**3**	**3.0 J**	**2.4**	**2.7**
PFO5DA	UG/L	**1.1 J**	**1.0 J**	**0.9**	**1.7 J**	**1.3 J**	**0.91 J**	**0.97**	**0.97 J**	**1.4 J**	**1.1 J**	**2.3**	**1.1**	**1.2**	**1.5 J**
PMPA	UG/L	**7.4 J**	**7.4 J**	**6.4**	**7**	**7.2**	**7.4**	**7.4**	**6.5**	**6.9 J**	**6.7**	**6.7**	**7.3**	**6.8**	**5.9**
R-EVE	UG/L	**0.24 J**	**0.19 J**	**0.2**	**0.14 J**	<0.14	**0.24**	**0.27**	**0.35**	**0.18 J**	<0.070	**0.31 J**	**0.23**	**0.25**	**0.45**

NOTES:
< = Not detected
FS = Field Sample
DUP = Duplicate Sample
NR[1] = Not reported; constituent reported under Table 3-
NR[2] = Not reported; constituent reported under 537 Mod
NS = Not sampled (location flooded)
J = Estimated value
UJ = Not detected at estimated detection limit

Table 1
Surface Water Sampling Results
Old Outfall 002
Chemours Fayetteville Works
Fayetteville, North Carolina

Location ID		OLDOF-CREEK-A2						OLDOF-D						
Date Sampled		03/21/2019	04/17/2019	05/15/2019	06/20/2019	07/16/2019	08/14/2019	03/21/2019	04/17/2019	05/15/2019	06/20/2019	07/16/2019	07/16/2019	08/14/2019
Sample Purpose		FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS
Parameter Name	Unist	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PFAS - 537 Modified														
Perfluorobutane Sulfonic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	**0.0041**	**0.004**	**0.0041**	**0.0045**	**0.0041**	**0.0039**	**0.0037**
Perfluorobutanoic Acid	UG/L	**0.026**	**0.029**	**0.03**	**0.028**	**0.028**	**0.027**	**0.13**	**0.13**	**0.13**	**0.12**	**0.12**	**0.12**	**0.12**
Perfluorodecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	**0.0025**	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorododecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluoroheptanoic Acid	UG/L	**0.0067**	**0.0083**	**0.0073**	**0.0076**	**0.0078**	**0.0081**	**0.045**	**0.043**	**0.047**	**0.042**	**0.043**	**0.041**	**0.044**
Perfluorohexane Sulfonic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	**0.0035**	**0.0035**	**0.003**	**0.0029**	**0.0028**	**0.0027**	**0.003**
Perfluorohexanoic Acid	UG/L	**0.0043**	**0.0052**	**0.0054**	**0.0058**	**0.0055**	**0.0057**	**0.024**	**0.025**	**0.024**	**0.026**	**0.023**	**0.023**	**0.025**
Perfluorononanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	**0.021**	**0.021**	**0.031**	**0.022**	**0.021**	**0.021**	**0.022**
N-ethylperfluoro-1-octanesulfonamide	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020
Perfluoropentanoic Acid	UG/L	**0.033**	**0.037**	**0.037**	**0.039**	**0.039**	**0.038**	**0.24**	**0.23**	**0.21**	**0.23**	**0.22**	**0.22**	**0.2**
Perfluoroundecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
PFOA	UG/L	**0.036**	**0.036**	**0.035**	**0.032**	**0.027**	**0.023**	**0.068**	**0.066**	**0.069**	**0.073**	**0.073**	**0.071**	**0.074**
PFOS	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	**0.0059**	**0.0062**	**0.0088**	**0.0063**	**0.0065**	**0.0061**	**0.0061**
Hfpo Dimer Acid	UG/L	**2.5**	**3**	**2.9**	**3.1**	**2.7**	**3**	**19**	**11**	**11**	**11**	**8.0 J**	**9.8 J**	**9**
Perfluorodecane Sulfonic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorotetradecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorotridecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
10:2 Fluorotelomer sulfonate	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0040	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0040
6:2 Fluorotelomer sulfonate	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
ADONA	UG/L	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021
F-53B Major	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
F-53B Minor	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
N-ethyl perfluorooctane sulfonamidoacetic acid	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
N-methyl perfluoro-1-octanesulfonamide	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020
N-methyl perfluorooctane sulfonamidoacetic acid	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
NaDONA	UG/L	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021
Perfluorododecane sulfonic acid (PFDoS)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluoroheptane sulfonic acid (PFHpS)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorohexadecanoic acid (PFHxDA)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020

Table 1
Surface Water Sampling Results
Old Outfall 002
Chemours Fayetteville Works
Fayetteville, North Carolina

Location ID		OLDOF-CREEK-A2						OLDOF-D						
Date Sampled		03/21/2019	04/17/2019	05/15/2019	06/20/2019	07/16/2019	08/14/2019	03/21/2019	04/17/2019	05/15/2019	06/20/2019	07/16/2019	07/16/2019	08/14/2019
Sample Purpose		FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS
Parameter Name	Unist	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Perfluorononanesulfonic acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorooctadecanoic acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020 UJ	<0.0020	<0.0020
Perfluorooctane Sulfonamide	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluoropentane sulfonic acid (PFPeS)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
PFAS - Table 3+														
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	<0.060 UJ	<0.060 UJ	<0.060	<0.060	<0.060	NR[2]	<0.12 UJ	<0.060 UJ	<0.060	<0.060	<0.060	<0.060	NR[2]
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	<0.11 UJ	<0.11	<0.11	<0.11	<0.11	NR[2]	<0.22 UJ	<0.11	<0.11	<0.11	<0.11	<0.11	NR[2]
N-ethylperfluoro-1-octanesulfonamide	UG/L	<0.037 UJ	<0.037	<0.037	<0.037	<0.037	NR[2]	<0.075 UJ	<0.037	<0.037	<0.037	<0.037	<0.037	NR[2]
N-methyl perfluoro-1-octanesulfonamide	UG/L	<0.035 UJ	<0.035	<0.035	<0.035	<0.035	NR[2]	<0.069 UJ	<0.035	<0.035	<0.035	<0.035	<0.035	NR[2]
Byproduct 4	UG/L	<0.16 UJ	**0.16**	<0.16	<0.16	**0.16**	**0.12**	**0.73 J**	**0.62**	**0.77**	**0.68**	**0.73 J**	**0.73**	**0.74**
Byproduct 5	UG/L	<0.058 UJ	<0.058	<0.058	<0.058	**0.058 J**	<0.0029	**1.8 J**	**1.6**	**2.8**	**2**	**2.1 J**	**2.2**	**2.1 J**
Byproduct 6	UG/L	<0.015 UJ	<0.015	<0.015	<0.015	<0.015	<0.0020	<0.031 UJ	**0.037**	**0.041**	**0.029**	**0.027**	**0.029**	**0.032**
EVE Acid	UG/L	<0.024 UJ	<0.024	<0.024	<0.024	<0.024	<0.0020	**0.30 J**	**0.29**	**0.33**	**0.23**	**0.24 J**	**0.24**	**0.28**
Hydro-EVE Acid	UG/L	<0.028 UJ	<0.028	<0.028	<0.028	<0.028	**0.013**	**0.40 J**	**0.43**	**0.48**	**0.36**	**0.38**	**0.39**	**0.44**
NVHOS	UG/L	<0.054 UJ	<0.054	<0.054	<0.054	<0.054	**0.013**	**1.5 J**	**1.5**	**1.4**	**1.3**	**1.2**	**1.3**	**1.4**
PEPA	UG/L	**1.1 J**	**1.2**	**1.1**	**1.4**	**1.3**	**1.4**	**2.6 J**	**2.7**	**2.5**	**2.5**	**2.3**	**2.4**	**2.6**
PES	UG/L	<0.046 UJ	<0.046	<0.046	<0.046	<0.046	<0.0023	<0.092 UJ	<0.046	<0.046	<0.046	<0.046	<0.046	<0.046
PFECA B	UG/L	<0.060 UJ	<0.060	<0.060	<0.060	<0.060	<0.0030	<0.12 UJ	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060
PFECA-G	UG/L	<0.041 UJ	<0.041	<0.041	<0.041	<0.041	<0.0020	<0.082 UJ	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041
PFESA-BP1	UG/L	<0.027 UJ	<0.027	<0.027	<0.027	<0.027	<0.0020	**2.6 J**	**2.6**	**2.8**	**2.2**	**2.1**	**2.2**	**2.3**
PFESA-BP2	UG/L	**0.082 J**	**0.1**	**0.12**	**0.11**	**0.11 B**	**0.094**	**0.64 J**	**0.65**	**0.77**	**0.6**	**0.61**	**0.67**	**0.67**
PFMOAA	UG/L	**0.44 J**	**0.74**	**0.57**	**0.53**	**0.6**	**0.64**	**167 J**	**180**	**177**	**141**	**139**	**144**	**166**
PFO2HxA	UG/L	**1.6 J**	**1.8**	**1.9**	**1.9**	**2**	**1.9**	**37 J**	**35**	**35**	**30**	**29**	**30**	**32**
PFO3OA	UG/L	**0.21 J**	**0.28**	**0.28**	**0.35 J**	**0.33**	**0.32**	**9.5 J**	**9.8**	**9.2**	**8.4 J**	**7.6**	**8**	**8.7**
PFO4DA	UG/L	**0.15 J**	**0.17**	**0.2**	**0.26 J**	**0.2**	**0.2**	**3.5 J**	**3.5**	**3.9**	**3.5**	**2.9**	**3.2**	**3.7**
PFO5DA	UG/L	<0.034 UJ	<0.034	<0.034	<0.034	**0.063**	**0.031 J**	**2.0 J**	**1.6**	**3.3**	**2.2 J**	**1.9 J**	**2**	**2.8 J**
PMPA	UG/L	**3.2 J**	**2.6**	**3.3**	**4.3**	**4.3**	**3.6**	**8.0 J**	**6.8**	**7.6**	**7.7**	**7.4**	**7.6**	**7.4**
R-EVE	UG/L	<0.070 UJ	**0.086**	**0.12**	**0.07**	**0.1**	**0.072 J**	**0.26 J**	**0.22**	**0.32**	**0.26**	**0.28 J**	**0.31 J**	**0.34**

NOTES:
< = Not detected
FS = Field Sample
DUP = Duplicate Sample
NR[1] = Not reported; constituent reported under Table 3-
NR[2] = Not reported; constituent reported under 537 Moc
NS = Not sampled (location flooded)
J = Estimated value
UJ = Not detected at estimated detection limit

Table 1
Surface Water Sampling Results
Old Outfall 002
Chemours Fayetteville Works
Fayetteville, North Carolina

Location ID		OLDOF-E					
Date Sampled		03/21/2019	04/17/2019	05/15/2019	06/20/2019	07/16/2019	08/14/2019
Sample Purpose		FS	FS	FS	FS	FS	FS
Parameter Name	Unist	Result	Result	Result	Result	Result	Result
PFAS - 537 Modified							
Perfluorobutane Sulfonic Acid	UG/L	**0.0059**	**0.0059**	**0.0065**	**0.0064**	**0.0057**	**0.0061**
Perfluorobutanoic Acid	UG/L	**0.16**	**0.16**	**0.16**	**0.15**	**0.15**	**0.14**
Perfluorodecanoic Acid	UG/L	**0.0026**	**0.0021**	**0.0042**	**0.0026**	**0.0027**	**0.0025**
Perfluorododecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluoroheptanoic Acid	UG/L	**0.061**	**0.062**	**0.063**	**0.065**	**0.065**	**0.064**
Perfluorohexane Sulfonic Acid	UG/L	**0.0039**	**0.0038**	**0.0036**	**0.0032**	**0.0031**	**0.0033**
Perfluorohexanoic Acid	UG/L	**0.031**	**0.031**	**0.035**	**0.034**	**0.032**	**0.032**
Perfluorononanoic Acid	UG/L	**0.034**	**0.035**	**0.05**	**0.037**	**0.037**	**0.036**
N-ethylperfluoro-1-octanesulfonamide	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020
Perfluoropentanoic Acid	UG/L	**0.34**	**0.32**	**0.31**	**0.31**	**0.32**	**0.28**
Perfluoroundecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
PFOA	UG/L	**0.08**	**0.084**	**0.097**	**0.1**	**0.1**	**0.11**
PFOS	UG/L	**0.01**	**0.011**	**0.014**	**0.011**	**0.0096**	**0.0097**
Hfpo Dimer Acid	UG/L	**17**	**20**	**10**	**13**	**17**	**13**
Perfluorodecane Sulfonic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorotetradecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorotridecanoic Acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
10:2 Fluorotelomer sulfonate	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0040
6:2 Fluorotelomer sulfonate	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
ADONA	UG/L	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021
F-53B Major	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
F-53B Minor	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
N-ethyl perfluorooctane sulfonamidoacetic acid	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
N-methyl perfluoro-1-octanesulfonamide	UG/L	NR[1]	NR[1]	NR[1]	NR[1]	NR[1]	<0.0020
N-methyl perfluorooctane sulfonamidoacetic acid	UG/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
NaDONA	UG/L	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021
Perfluorododecane sulfonic acid (PFDoS)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluoroheptane sulfonic acid (PFHpS)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorohexadecanoic acid (PFHxDA)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020

Table 1
Surface Water Sampling Results
Old Outfall 002
Chemours Fayetteville Works
Fayetteville, North Carolina

Location ID		OLDOF-E					
Date Sampled		03/21/2019	04/17/2019	05/15/2019	06/20/2019	07/16/2019	08/14/2019
Sample Purpose		FS	FS	FS	FS	FS	FS
Parameter Name	Unist	Result	Result	Result	Result	Result	Result
Perfluorononanesulfonic acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorooctadecanoic acid	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluorooctane Sulfonamide	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Perfluoropentane sulfonic acid (PFPeS)	UG/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
PFAS - Table 3+							
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	<0.12 UJ	<0.12 UJ	<0.090	<0.060	<0.060	NR[2]
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	<0.22 UJ	<0.22	<0.16	<0.11	<0.11	NR[2]
N-ethylperfluoro-1-octanesulfonamide	UG/L	<0.075 UJ	<0.075 UJ	<0.056	<0.037	<0.037	NR[2]
N-methyl perfluoro-1-octanesulfonamide	UG/L	<0.069 UJ	<0.069 UJ	<0.052	<0.035	<0.035	NR[2]
Byproduct 4	UG/L	**0.81 J**	**0.6**	**0.99**	**0.74**	**0.94**	<0.79
Byproduct 5	UG/L	**2.5 J**	**2.1**	**4.2**	**2.9**	**3.7 J**	**2.5 J**
Byproduct 6	UG/L	**0.035 J**	**0.031**	**0.043**	**0.035**	**0.041**	<0.077
EVE Acid	UG/L	**0.50 J**	**0.31**	**0.52**	**0.4**	**0.4**	**0.38**
Hydro-EVE Acid	UG/L	**0.52 J**	**0.37**	**0.59**	**0.48**	**0.52**	**0.48**
NVHOS	UG/L	**1.8 J**	**1.3**	**1.8**	**1.5**	**1.6**	**1.2**
PEPA	UG/L	**2.7 J**	**2**	**2.4**	**2.4**	**2.5**	**2.5**
PES	UG/L	<0.092 UJ	<0.092	<0.069	<0.046	<0.046	<0.23
PFECA B	UG/L	<0.12 UJ	<0.12	<0.090	<0.060	<0.060	<0.30
PFECA-G	UG/L	<0.082 UJ	<0.082	<0.061	<0.041	<0.041	<0.20
PFESA-BP1	UG/L	**5.5 J**	**4**	**5.5**	**4.8**	**4.6**	**3.8**
PFESA-BP2	UG/L	**0.85 J**	**0.65**	**0.99**	**0.85**	**0.94**	**0.76**
PFMOAA	UG/L	**215 J**	**143**	**241**	**167**	**187**	**146**
PFO2HxA	UG/L	**46 J**	**31**	**47**	**34**	**38**	**28**
PFO3OA	UG/L	**12 J**	**9.5**	**12**	**11**	**11**	**8.1**
PFO4DA	UG/L	**4.9 J**	**3.6**	**5.7**	**4.5**	**4.6**	**4.5**
PFO5DA	UG/L	**3.1 J**	**2**	**4.3**	**3.1 J**	**3.5**	**3.9 J**
PMPA	UG/L	**8.6 J**	**5.9**	**7.9**	**7.9**	**8.9**	**7.2**
R-EVE	UG/L	**0.28 J**	**0.21**	<0.11	**0.31**	**0.4**	**0.58**

NOTES:
< = Not detected
FS = Field Sample
DUP = Duplicate Sample
NR[1] = Not reported; constituent reported under Table 3-
NR[2] = Not reported; constituent reported under 537 Moc
NS = Not sampled (location flooded)
J = Estimated value
UJ = Not detected at estimated detection limit

APPENDIX A
FIELD NOTES

20

Location Fay Date 3-21-19

Project / Client Chemours

0630 - onsite
0800 - prep supplies, Coolers, Cones for Old Outfall 002 Sampling
10:00 MOB to outfall, Begin sampling
15:00 leave outfall, return to office
18:30 off site, move some more

JP 3-21-19

Location Fay Date 3-22-19

Project / Client Chemours

06:30 onsite, continue moving and setting up at new office prep work for others, tailgate, time sheets, expens reports
16:30 - 11:30 weekly investigation meeting
11:30 continue to set up office
18:00 offsite

JP 3-22-19

Rite in the Rain

2019-04-16
1145 Load up w/ team for
1200 Lunch
- Mobilize to the plant to go over physical sample locations for all events
- Did not finish due to the
1330 Mob back to office
1400 Interview w/ Stephanie Cisco
- personal assessment is to hire
1445 Begin to hydrate GAC vessel (new)
- Hook hose to out and drain from In initially
- One done
- Begin a second
1600 Interview w/ Carey Shaffer
- personal assessment c's iffy and a maybe has me leaning towards a no.
1630 Mob to plant to turn off pumps & close permits
1730 Mob to office and write the Daily Report
1830 offsite MSS

2019-04-17
0630 on site
Safety tailgate meeting
- Prep STAs Mob to Plant to open permits & Start pumps
- plus collect weather data
- issue w/ battery @ MW24 return to Old Admin - Flag & replace
- Pick up letters from Sonya
- Mob back to office
0930 - Prep and Mob to OLD Outfall 002 to go sampling
- OLDOF-A Not Sampled due to high water/River influence
- OLDOF-2B Not Sampled due to High water / River influence
- OLDOF-B sampled
- OLDOF-A-SEEP sampled
- OLDOF-CREEK-A2 sampled
- OLDOF-C sampled
- OLDOF-C2 sampled
- OLDOF-D sampled
- OLDOF-E sampled
- Mob back to office

2019-04-17

1305 - Unpack vehicle and prepare Field Blank (1355)

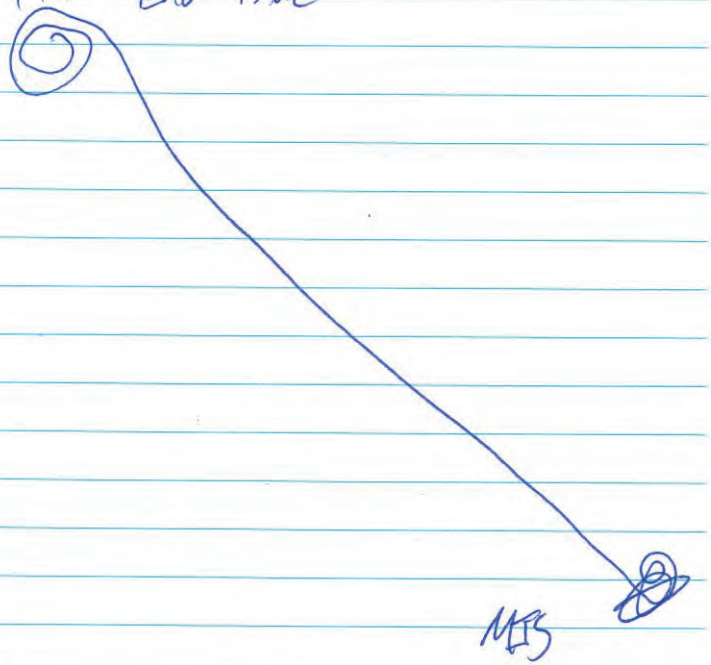
- Prepare samples for shipments and complete COCs for all coolers/samples

1630 offsite

On Road - travel home

Δ Made the call not to drive tonight due to being tired

1730 End Time



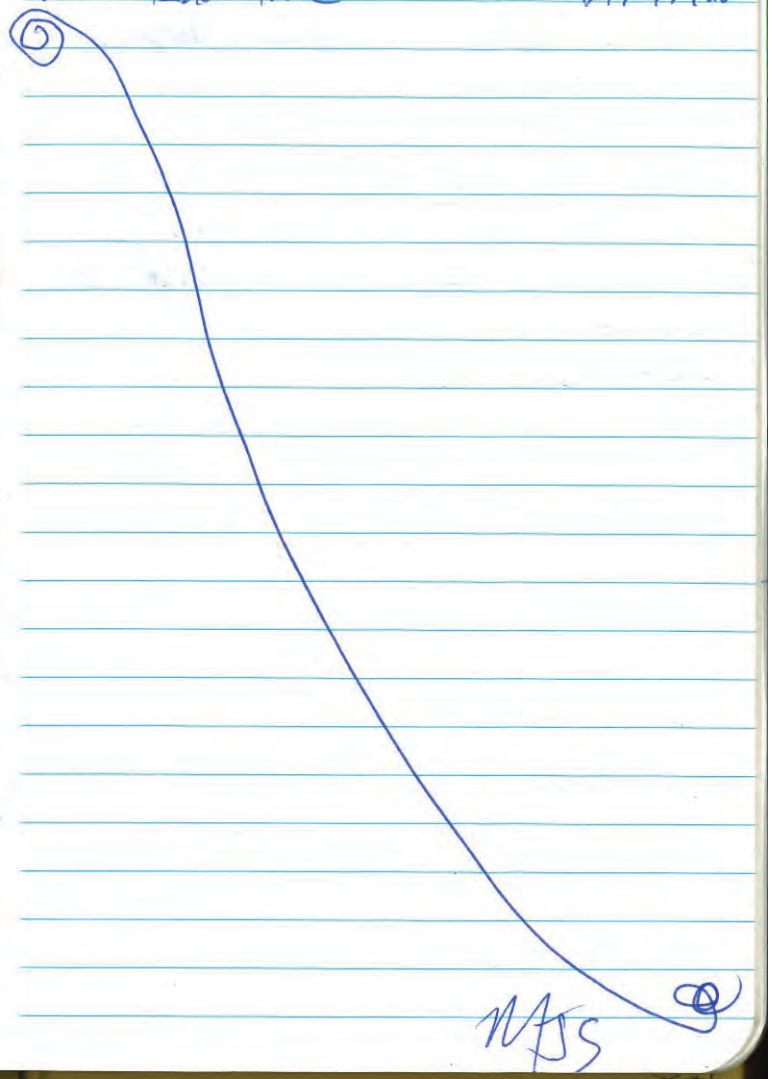
MJS

2019-04-18

0730 On Road - Travel home

1300 End time

3hrs shifted to 4/19 PM slot



MJS

Location _____ Date _____

Project / Client _____

- REPORTED 5/10/19 @ 06^{30}
7^{30}-8^{00} - WEATHER REPORT/DATA
0952 - GOING CROSS THE RIVER FOR SIGNATURES.
REPORTED 5/13/19 @ 6^{30}
9^{00} - RESIDENTIAL SAMPLING/ PURGE WATER SAMPLING
11^{00} - BACK TO THE OFFICE.
12^{30} - CSL TO GET LETTERS
14^{24} - LETTER DELIVERY/COB
REPORTED 5/14/19 @ 07^{30}
LETTER DELIVERY.
REPORTED 5/15/19 @ 07^{30}
CONTACT GEEK SQUAD FOR NETPRINTER NETWORKING.-
OUTFALL SAMPLING - 12 - 16^{00}
GEOSYNTEC MEETING @ 0930
5/16/19 @ 6^{30} REPORTED TO WORK
0952 GOING ON-SITE.
10-3 DIGGING HOLES FOR RAIN GAUGES
4^{30} COB
5/17/19 @ 0730 REPORTED TO WORK
10-11^{30} ONSITE STORMWATER RAIN GAUGE
13^{00} - CLOSE PUMPS
14^{30} - COB.

Location _____ Date _____

Project / Client _____

5/20/19
REPORT @ 0730
9-10 - MONITOR PUMPS
10 - BACK @ OFFICE.
13-18 - OUTFALL SEEP SAMPLING/CUBITAS
5/21/19
REPORT @ 07^{30}
08^{00}-12^{00} SEEP A SAMPLING.
1-6 SEEP B SAMPLING
6^{00} COB
5/22/19
REPORT @ 07^{30}
7^{30}-945 PREP FOR WILLIS CREEK
10^{15}-2^{00} MAPPING & SAMPLING WILLIS CREEK.
2-4 - PREPPING SAMPLES
4-5^{30} - PUMPS & SHIPPING SAMPLES
5/23/19
REPORTED @ 07^{30}
7^{30} 945 - PREP FOR SEEP SAMPLING & WEIR
10^{00}-15^{30} - SEEP C FOR WEIR SETUP & SAMPLING.
15^{30}-17^{30} GOING TO SEEP A FOR SALT DELIVERY/COB.

6/20/19

CHEMOURS FAY NC

0800 ARRIVED @ OFFICE
- PREP FOR OLD OUTFALL SAMPLING

0840 MOB TO OLD OUTFALL

0910 ARRIVED - MOB TO COLLECT SAMPLES

1310 ARRIVED @ OFFICE
- PREP SAMPLES

1600 PUMPS

1700 END DAY

6/21/19

CHEMOURS FAY NC

0630 ARRIVED @ OFFICE
- PUMPS

0830 BACK @ OFFICE

0920 MOB FOR WATER DELIVERIES

1010 ARRIVED @ OFFICE

1180 MOB TO AIRPORT

Location Fayetteville Date 7-16-19

Project / Client Chemours

0630 - Arrive at office
0650 - leave for outfall
0736 - Arrive at outfall
0750 Outfall A
0815 Outfall 2B
0830 Outfall B
0840 Outfall A-Seep
0850 Outfall A2-Creek
0855 Outfall C
~~0855~~ Outfall C2 0905
~~0405~~ Outfall D MS/RED/DUP
0435 Outfall E 0920
1010 - Arrive back at office
1030 - leave for site.
1118 - started loc 8
1200-1230 - lunch
1300 - Arrive back at office, Pack samples / compile samples
1730 - EOD

7/16/19

Location Fayetteville Date 7-16-19

Project / Client Chemours

0630 - Arrive at office
0650 - leave for site
0830 - Arrive back. Prep for day
1030 - Meeting
1100 - Prep for PFM.
1225 - Start PFM-sampling
Segment 1 - ~~1 ft~~ ft 1235
Segment 2 - 1250 ft
Segment 3 ft 1265
Segment 4 - ft 1310
Segment 5 - ft 1315
1330 - Arrive at DTW: 15.71
MW-36
Start Purge: 1330
End Purge: —

could not stabilize collected GL
MW-35 - could not stabilize collected GL
1745 - Arrive back at Office
1830 - EOD

7/17/19

Rite in the Rain

Location Fayetteville Date 8-13-19

Project / Client Chemours

0645- Arrive at office - Prep for day.
0800 Meeting w/ Mike R.
0830- Prep for work
0930- leave for site
Small flume: Pipe: 10.6/16
3.625 10/16 6.75 in
Extra large: Pipe: 15.11/16
3.6875 11/16 12.0
Evaluate OLDOF 002
1200- Head to office for lunch w/ ted
1330- Head back to oldof attempt to install flume.
1700- Close Permits set up rain gauge
1800- Arrive back at office
1845- EOD

GT 8/13/19

Location Fayetteville Date 8-14-19

Project / Client Chemours

0700- Arrive at office
0730- Begin prep for OLDOF Sampling
0930- Geosyntec meeting.
1030- Leader meeting
1130- Tracy meeting
1330- leave for oldof
A- 1430
2B- 1450
B- 1505
A-seep- 1515
creek-A2- 1523
C- 1530
C2- 1540
D- 1550
E- 1558
EB- 1730
1715- Arrive back at office, pack coolers / unload equipment.
1800- EOD

GT 08/15/19

APPENDIX B
ADQM DATA REVIEW NARRATIVE AND LABORATORY REPORTS

ADQM DATA REVIEW
NARRATIVE

Site **Chemours FAY – Fayetteville**

Project **2019 Old Outfall Sampling**

Project Reviewer **Michael Aucoin, AECOM as a Chemours contractor**

Sampling Dates **March 21, 2019**
April 17, 2019
May 15, 2019
June 20, 2019
July 16, 2019
August 14, 2019

Analytical Protocol

Laboratory	Analytical Method	Parameter(s)
TestAmerica - Sacramento	537 Modified	PFAS[1]
TestAmerica - Sacramento	Cl. Spec. Table 3 Compound SOP	Table 3+ compounds

[1] Perfluoroalkylsubstances, a list of 33 compounds including HFPO-DA through July 2019, then a list of 37 compounds including HFPO-DA.

Sample Receipt

The following items are noted for this data set:

- All samples were received in satisfactory condition and within EPA temperature guidelines on:

  March 26, 2019
  April 19. 2019
  May 17, 2019
  June 22, 2019
  July 17, 2019
  August 15, 2019

Data Review

The project results reflect analysis of DFSA, MMF, MTP, and PPF Acid by the Table 3+ method for samples collected during March and April. DFSA, MMF, MTP, and PPF Acid were subsequently dropped from the Table 3+ method due to overall poor performance in the presence of matrix effects, including inconsistent sample results.

N-ethylperfluoro-1-octanesulfonamide, N-methyl perfluoro-1-octanesulfonamide, 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol, and 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol were reported from the Table 3+ method through July and subsequently reported under the 537 Modified method.

The electronic data submitted for this project was reviewed via the Data Verification Module (DVM) process.

Overall the data is acceptable for use without qualification, except as noted below:

- PPF Acid results in one March 2019 sample and a PFESA-BP2 result in one July 2019 sample were qualified B and the reported results may be biased high, or false positives, due to a comparable concentration found in the associated equipment blank

- Several analytical results have been qualified J as estimated, and non-detect results qualified UJ indicating an estimated reporting limit, due to poor or very poor recovery of a surrogate, laboratory blank spike, or matrix spike; sample analysis which exceeded the laboratory established hold time; and poor field duplicate or lab replicate precision. See the Data Verification Module (DVM) Narrative Report for which samples were qualified, the specific reasons for qualification, and potential bias in reported results.

Attachments

The DVM Narrative report is attached. The lab reports due to a large page count are stored on an AECOM network shared drive and are available to be posted on external shared drives, or on a flash drive.

Data Verification Module (DVM)

The DVM is an internal review process used by the ADQM group to assist with the determination of data usability. The electronic data deliverables received from the laboratory are loaded into the Locus EIM™ database and processed through a series of data quality checks, which are a combination of software (Locus EIM™ database Data Verification Module (DVM)) and manual reviewer evaluations. The data is evaluated against the following data usability checks:

- Field and laboratory blank contamination
- US EPA hold time criteria
- Missing Quality Control (QC) samples
- Matrix spike(MS)/matrix spike duplicate (MSD) recoveries and the relative percent differences (RPDs) between these spikes
- Laboratory control sample(LCS)/control sample duplicate (LCSD) recoveries and the RPD between these spikes
- Surrogate spike recoveries for organic analyses
- RPD between field duplicate sample pairs
- RPD between laboratory replicates for inorganic analyses
- Difference / percent difference between total and dissolved sample pairs.

There are two qualifier fields in EIM:

Lab Qualifier is the qualifier assigned by the lab and may not reflect the usability of the data. This qualifier may have many different meanings and can vary between labs and over time within the same lab. Please refer to the laboratory report for a description of the lab qualifiers. As they are lab descriptors they are not to be used when evaluating the data.

Validation Qualifier is the 3rd party formal validation qualifier if this was performed. Otherwise this field contains the qualifier resulting from the ADQM DVM review process. This qualifier assesses the usability of the data and may not equal the lab qualifier. The DVM applies the following data evaluation qualifiers to analysis results, as warranted:

Qualifier	Definition
B	Not detected substantially above the level reported in the laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
J	Analyte present. Reported value may not be accurate or precise.
UJ	Not detected. Reporting limit may not be accurate or precise.

The **Validation Status Code** field is set to "DVM" if the ADQM DVM process has been performed. If the DVM has not been run, the field will be blank.

If the DVM has been run (**Validation Status Code** equals "DVM"), use the **Validation Qualifier.**

DVM Narrative Report

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Contamination detected in equipment blank(s). Sample result does not differ significantly from the analyte concentration detected in the associated equipment blank(s).

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PPF Acid	2.2	UG/L	PQL		0.38	B	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PPF Acid	2.1	UG/L	PQL		0.38	B	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0719	07/16/2019	320-52329-4	PFESA-BP2	0.11	ug/L	PQL		0.030	B	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit. The actual detection limits may be higher than reported.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-D-0319	03/21/2019	320-48702-1	MMF	7.1	UG/L	PQL		7.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0419	04/17/2019	320-49405-7	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0419	04/17/2019	320-49405-7	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	MMF	3.6	UG/L	PQL		3.6	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	N-ethylperfluoro-1-octanesulfonamide	0.037	UG/L	PQL		0.037	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	Byproduct 5	0.058	UG/L	PQL		0.058	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0419	04/17/2019	320-49405-4	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0419	04/17/2019	320-49405-4	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0419	04/17/2019	320-49405-5	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0419	04/17/2019	320-49405-5	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	MMF	7.1	UG/L	PQL		7.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit. The actual detection limits may be higher than reported.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0419	04/17/2019	320-49405-3	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0419	04/17/2019	320-49405-3	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0419	04/17/2019	320-49405-1	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0419	04/17/2019	320-49405-1	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0719	07/16/2019	320-52329-8	Perfluorooctadecanoic acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535_PFC
OLDOF-E-0319	03/21/2019	320-48702-2	MMF	7.1	UG/L	PQL		7.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0419	04/17/2019	320-49405-8	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit. The actual detection limits may be higher than reported.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-E-0419	04/17/2019	320-49405-8	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0419	04/17/2019	320-49405-8	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0419	04/17/2019	320-49405-8	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	MMF	3.6	UG/L	PQL		3.6	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	Byproduct 5	0.058	UG/L	PQL		0.058	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1-041719	04/17/2019	320-49405-9	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1-041719	04/17/2019	320-49405-9	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	N-ethylperfluoro-1-octanesulfonamide	0.037	UG/L	PQL		0.037	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported non-detect result is considered to be an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	DFSA	3.1	UG/L	PQL		3.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	DFSA	3.1	UG/L	PQL		3.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	EVE Acid	0.024	UG/L	PQL		0.024	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	EVE Acid	0.024	UG/L	PQL		0.024	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	MMF	7.1	UG/L	PQL		7.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported non-detect result is considered to be an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-D-0319	03/21/2019	320-48702-1	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	DFSA	6.1	UG/L	PQL		6.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	DFSA	6.1	UG/L	PQL		6.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	MMF	3.6	UG/L	PQL		3.6	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFECA B	0.060	UG/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFECA B	0.060	UG/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.11	ug/L	PQL		0.11	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.11	ug/L	PQL		0.11	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFESA-BP1	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFESA-BP1	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	N-methyl perfluoro-1-octanesulfonamide	0.035	ug/L	PQL		0.035	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	N-methyl perfluoro-1-octanesulfonamide	0.035	ug/L	PQL		0.035	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	NVHOS	0.054	UG/L	PQL		0.054	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	NVHOS	0.054	UG/L	PQL		0.054	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PES	0.046	UG/L	PQL		0.046	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PES	0.046	UG/L	PQL		0.046	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFO5DA	0.034	ug/L	PQL		0.034	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFO5DA	0.034	ug/L	PQL		0.034	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	N-ethylperfluoro-1-octanesulfonamide	0.037	UG/L	PQL		0.037	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	Hydro-EVE Acid	0.028	UG/L	PQL		0.028	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	Hydro-EVE Acid	0.028	UG/L	PQL		0.028	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFECA-G	0.041	UG/L	PQL		0.041	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported non-detect result is considered to be an estimated value..

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFECA-G	0.041	UG/L	PQL		0.041	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	MTP	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	MTP	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	R-EVE	0.070	UG/L	PQL		0.070	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	R-EVE	0.070	UG/L	PQL		0.070	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	Byproduct 4	0.16	UG/L	PQL		0.16	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	Byproduct 4	0.16	UG/L	PQL		0.16	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	Byproduct 5	0.058	UG/L	PQL		0.058	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	Byproduct 6	0.015	UG/L	PQL		0.015	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	Byproduct 6	0.015	UG/L	PQL		0.015	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	EVE Acid	0.049	UG/L	PQL		0.049	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	EVE Acid	0.049	UG/L	PQL		0.049	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported non-detect result is considered to be an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	MMF	7.1	UG/L	PQL		7.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	MMF	7.1	UG/L	PQL		7.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported non-detect result is considered to be an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	DFSA	6.1	UG/L	PQL		6.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	DFSA	6.1	UG/L	PQL		6.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	EVE Acid	0.049	UG/L	PQL		0.049	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	EVE Acid	0.049	UG/L	PQL		0.049	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	MMF	7.1	UG/L	PQL		7.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	2-(N-methyl perfluoro-1-octanesulfonamido)-	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported non-detect result is considered to be an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
			ethanol									
OLDOF-C2-0319	03/21/2019	320-48702-3	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	DFSA	6.1	UG/L	PQL		6.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	DFSA	6.1	UG/L	PQL		6.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported non-detect result is considered to be an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	EVE Acid	0.049	UG/L	PQL		0.049	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	EVE Acid	0.049	UG/L	PQL		0.049	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	R-EVE	0.14	UG/L	PQL		0.14	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	R-EVE	0.14	UG/L	PQL		0.14	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	Byproduct 4	0.32	UG/L	PQL		0.32	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	Byproduct 4	0.32	UG/L	PQL		0.32	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	2-(N-ethyl perfluoro-1-octanesulfonamido)-	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported non-detect result is considered to be an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
			ethanol									
OLDOF-A-0319	03/21/2019	320-48702-7	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	EVE Acid	0.049	UG/L	PQL		0.049	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	EVE Acid	0.049	UG/L	PQL		0.049	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported non-detect result is considered to be an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	EVE Acid	0.049	UG/L	PQL		0.049	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	EVE Acid	0.049	UG/L	PQL		0.049	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported non-detect result is considered to be an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	EVE Acid	0.049	UG/L	PQL		0.049	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	EVE Acid	0.049	UG/L	PQL		0.049	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	Byproduct 6	0.031	UG/L	PQL		0.031	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported non-detect result is considered to be an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	MMF	7.1	UG/L	PQL		7.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFECA B	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.22	ug/L	PQL		0.22	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	N-methyl perfluoro-1-octanesulfonamide	0.069	ug/L	PQL		0.069	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported non-detect result is considered to be an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PES	0.092	UG/L	PQL		0.092	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	DFSA	6.1	UG/L	PQL		6.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	DFSA	6.1	UG/L	PQL		6.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFECA-G	0.082	UG/L	PQL		0.082	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	NVHOS	0.054	UG/L	PQL		0.054	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	NVHOS	0.054	UG/L	PQL		0.054	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PES	0.046	UG/L	PQL		0.046	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PES	0.046	UG/L	PQL		0.046	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PMPA	0.57	UG/L	PQL		0.57	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PMPA	0.57	UG/L	PQL		0.57	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	MMF	3.6	UG/L	PQL		3.6	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFECA B	0.060	UG/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFECA B	0.060	UG/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	2-(N-ethyl perfluoro-1-octanesulfonamido)-	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported non-detect result is considered to be an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
			ethanol									
OLDOF-EQBLK-1	03/21/2019	320-48702-11	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.060	ug/L	PQL		0.060	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.11	ug/L	PQL		0.11	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.11	ug/L	PQL		0.11	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PEPA	0.047	UG/L	PQL		0.047	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PEPA	0.047	UG/L	PQL		0.047	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFESA-BP1	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFESA-BP1	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	N-methyl perfluoro-1-octanesulfonamide	0.035	ug/L	PQL		0.035	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	N-methyl perfluoro-1-octanesulfonamide	0.035	ug/L	PQL		0.035	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFO2HxA	0.081	ug/L	PQL		0.081	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFO2HxA	0.081	ug/L	PQL		0.081	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFO3OA	0.058	ug/L	PQL		0.058	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFO3OA	0.058	ug/L	PQL		0.058	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFO4DA	0.079	ug/L	PQL		0.079	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFO4DA	0.079	ug/L	PQL		0.079	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported non-detect result is considered to be an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	DFSA	3.1	UG/L	PQL		3.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	DFSA	3.1	UG/L	PQL		3.1	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFMOAA	0.21	ug/L	PQL		0.21	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFMOAA	0.21	ug/L	PQL		0.21	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	EVE Acid	0.024	UG/L	PQL		0.024	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	EVE Acid	0.024	UG/L	PQL		0.024	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFESA-BP2	0.030	ug/L	PQL		0.030	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFESA-BP2	0.030	ug/L	PQL		0.030	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	Hydro-EVE Acid	0.028	UG/L	PQL		0.028	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	Hydro-EVE Acid	0.028	UG/L	PQL		0.028	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFECA-G	0.041	UG/L	PQL		0.041	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFECA-G	0.041	UG/L	PQL		0.041	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	MTP	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	MTP	0.12	UG/L	PQL		0.12	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	R-EVE	0.070	UG/L	PQL		0.070	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	R-EVE	0.070	UG/L	PQL		0.070	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	Byproduct 4	0.16	UG/L	PQL		0.16	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported non-detect result is considered to be an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	Byproduct 4	0.16	UG/L	PQL		0.16	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	Byproduct 5	0.058	UG/L	PQL		0.058	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	Byproduct 6	0.015	UG/L	PQL		0.015	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	Byproduct 6	0.015	UG/L	PQL		0.015	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	N-ethylperfluoro-1-octanesulfonamide	0.037	UG/L	PQL		0.037	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the data rejection level. The reported non-detect result is considered to be an estimated value.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-E-0419	04/17/2019	320-49405-8	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0419	04/17/2019	320-49405-8	N-ethylperfluoro-1-octanesulfonamide	0.075	UG/L	PQL		0.075	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Associated LCS and/or LCSD analysis had relative percent recovery (RPR) values higher than the upper control limit. The reported result may be biased high.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-E-0819	08/14/2019	320-53331-2	PFO5DA	3.9	ug/L	PQL		0.17	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0819	08/14/2019	320-53331-2	PFO5DA	3.7	ug/L	PQL		0.17	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0819	08/14/2019	320-53331-2	Byproduct 5	2.5	UG/L	PQL		0.29	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0819	08/14/2019	320-53331-2	Byproduct 5	2.4	UG/L	PQL		0.29	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0819	08/14/2019	320-53331-1	PFO5DA	2.8	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0819	08/14/2019	320-53331-1	PFO5DA	3.0	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0819	08/14/2019	320-53331-1	Byproduct 5	2.1	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0819	08/14/2019	320-53331-1	Byproduct 5	2.2	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0819	08/14/2019	320-53331-8	PFO5DA	0.78	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0819	08/14/2019	320-53331-8	Byproduct 5	1.4	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	MMF	28	UG/L	PQL		7.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	MMF	25.0	UG/L	PQL		7.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0819	08/14/2019	320-53331-6	PFO5DA	1.3	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0819	08/14/2019	320-53331-6	PFO5DA	1.2	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0819	08/14/2019	320-53331-6	Byproduct 5	1.1	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0819	08/14/2019	320-53331-6	Byproduct 5	1.1	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Associated LCS and/or LCSD analysis had relative percent recovery (RPR) values higher than the upper control limit. The reported result may be biased high.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	MMF	20	UG/L	PQL		7.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0819	08/14/2019	320-53331-7	PFO5DA	0.75	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0819	08/14/2019	320-53331-7	PFO5DA	0.75	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0819	08/14/2019	320-53331-7	Byproduct 5	1.1	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0819	08/14/2019	320-53331-7	Byproduct 5	1.0	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	MMF	33	UG/L	PQL		7.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PFO5DA	1.1	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	Byproduct 5	1.5	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819-D	08/14/2019	320-53331-10	PFO5DA	1.2	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819-D	08/14/2019	320-53331-10	PFO5DA	1.5	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819-D	08/14/2019	320-53331-10	Byproduct 5	1.5	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819-D	08/14/2019	320-53331-10	Byproduct 5	1.9	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	MMF	22	UG/L	PQL		7.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	MMF	23.0	UG/L	PQL		7.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0819	08/14/2019	320-53331-4	PFO5DA	0.97	ug/L	PQL		0.17	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0819	08/14/2019	320-53331-4	PFO5DA	0.92	ug/L	PQL		0.17	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0819	08/14/2019	320-53331-4	Byproduct 5	1.8	UG/L	PQL		0.29	J	Cl. Spec. Table 3 Compound		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Associated LCS and/or LCSD analysis had relative percent recovery (RPR) values higher than the upper control limit. The reported result may be biased high.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method SOP	Pre-prep	Prep
OLDOF-C-0819	08/14/2019	320-53331-4	Byproduct 5	1.7	UG/L	PQL		0.29	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	MMF	11	UG/L	PQL		7.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	MMF	9.0	UG/L	PQL		7.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0819	08/14/2019	320-53331-3	PFO5DA	1.5	ug/L	PQL		0.17	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0819	08/14/2019	320-53331-3	PFO5DA	1.6	ug/L	PQL		0.17	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0819	08/14/2019	320-53331-3	Byproduct 5	1.6	UG/L	PQL		0.29	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0819	08/14/2019	320-53331-3	Byproduct 5	1.6	UG/L	PQL		0.29	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0819	08/14/2019	320-53331-5	PFO5DA	0.031	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0819	08/14/2019	320-53331-5	PFO5DA	0.033	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Associated MS and/or MSD analysis had relative percent recovery (RPR) values higher than the upper control limit. The reported result may be biased high.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-E-0619	06/20/2019	320-51627-2	PFO5DA	3.1	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0619	06/20/2019	320-51627-2	PFO5DA	2.8	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0719	07/16/2019	320-52329-11	Byproduct 5	3.7	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0719	07/16/2019	320-52329-11	Byproduct 5	3.8	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0719	07/16/2019	320-52329-8	Byproduct 5	2.1	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0719	07/16/2019	320-52329-8	Byproduct 5	1.9	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0419	04/17/2019	320-49405-1	MMF	17	UG/L	PQL		3.6	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0419	04/17/2019	320-49405-1	DFSA	11	UG/L	PQL		3.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0419-D	04/17/2019	320-49405-2	MMF	23	UG/L	PQL		3.6	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0419-D	04/17/2019	320-49405-2	MMF	23.0	UG/L	PQL		3.6	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0419-D	04/17/2019	320-49405-2	DFSA	13	UG/L	PQL		3.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0419-D	04/17/2019	320-49405-2	DFSA	13.0	UG/L	PQL		3.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0619	06/20/2019	320-51627-8	PFO5DA	0.70	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0719	07/16/2019	320-52329-2	Byproduct 5	1.5	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0719	07/16/2019	320-52329-2	Byproduct 5	1.5	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0419	04/17/2019	320-49405-3	MMF	17	UG/L	PQL		3.6	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Associated MS and/or MSD analysis had relative percent recovery (RPR) values higher than the upper control limit. The reported result may be biased high.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-A-SEEP-0419	04/17/2019	320-49405-3	DFSA	3.1	UG/L	PQL		3.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0719	07/16/2019	320-52329-3	Byproduct 5	1.5	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0719	07/16/2019	320-52329-3	Byproduct 5	1.5	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	DFSA	77	UG/L	PQL		6.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0719	07/16/2019	320-52329-7	Byproduct 5	1.4	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0719	07/16/2019	320-52329-7	Byproduct 5	1.4	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	DFSA	120	UG/L	PQL		6.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	DFSA	110.0	UG/L	PQL		6.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0619	06/20/2019	320-51627-9	PFO3OA	6.1	ug/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0619	06/20/2019	320-51627-9	PFO3OA	5.7	ug/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0619-D	06/20/2019	320-51627-10	PFO3OA	5.0	ug/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0619-D	06/20/2019	320-51627-10	PFO3OA	5.7	ug/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0719	07/16/2019	320-52329-1	Byproduct 5	1.3	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0719	07/16/2019	320-52329-1	Byproduct 5	1.2	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	DFSA	96	UG/L	PQL		6.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0719	07/16/2019	320-52329-5	Byproduct 5	2.1	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0719	07/16/2019	320-52329-5	Byproduct 5	2.0	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Associated MS and/or MSD analysis had relative percent recovery (RPR) values higher than the upper control limit. The reported result may be biased high.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method SOP	Pre-prep	Prep
OLDOF-C-0419	04/17/2019	320-49405-5	MMF	14	UG/L	PQL		3.6	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFMOAA	120	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFMOAA	120.0	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0619	06/20/2019	320-51627-5	PFO3OA	0.35	ug/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0619	06/20/2019	320-51627-5	PFO4DA	0.26	ug/L	PQL		0.079	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0619	06/20/2019	320-51627-5	PFO4DA	0.24	ug/L	PQL		0.079	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0719	07/16/2019	320-52329-6	Byproduct 5	1.7	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0719	07/16/2019	320-52329-6	Byproduct 5	1.7	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0619	06/20/2019	320-51627-1	PFO3OA	8.4	ug/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0619	06/20/2019	320-51627-1	PFO3OA	7.9	ug/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0719	07/16/2019	320-52329-4	Byproduct 5	0.058	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0719	07/16/2019	320-52329-4	Byproduct 5	0.072	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0819	08/14/2019	320-53331-5	R-EVE	0.072	UG/L	PQL		0.0035	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0819	08/14/2019	320-53331-5	R-EVE	0.076	UG/L	PQL		0.0035	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason High relative percent difference (RPD) observed between field duplicate and parent sample. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-D-0719	07/16/2019	320-52329-8	R-EVE	0.23	UG/L	PQL		0.070	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0719-D	07/16/2019	320-52329-9	Hfpo Dimer Acid	9.8	UG/L	PQL		0.13	J	537 Modified		3535_PFC
OLDOF-D-0719-D	07/16/2019	320-52329-9	R-EVE	0.31	UG/L	PQL		0.070	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0719-D	07/16/2019	320-52329-9	R-EVE	0.38	UG/L	PQL		0.070	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0419	04/17/2019	320-49405-1	Hfpo Dimer Acid	6.9	UG/L	PQL		0.14	J	537 Modified		3535_PFC
OLDOF-B-0419-D	04/17/2019	320-49405-2	Hfpo Dimer Acid	8.8	UG/L	PQL		0.14	J	537 Modified		3535_PFC
OLDOF-B-0419-D	04/17/2019	320-49405-2	R-EVE	0.19	UG/L	PQL		0.070	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0419-D	04/17/2019	320-49405-2	R-EVE	0.18	UG/L	PQL		0.070	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0619	06/20/2019	320-51627-9	Hfpo Dimer Acid	13.0	UG/L	PQL		0.14	J	537 Modified		3535_PFC
OLDOF-2B-0619	06/20/2019	320-51627-9	PFO5DA	0.7	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0619-D	06/20/2019	320-51627-10	Hfpo Dimer Acid	8.4	UG/L	PQL		0.15	J	537 Modified		3535_PFC
OLDOF-2B-0619-D	06/20/2019	320-51627-10	PFO5DA	0.47	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	Hfpo Dimer Acid	7.5	UG/L	PQL		0.13	J	537 Modified		3535_PFC
OLDOF-2B-0819-D	08/14/2019	320-53331-10	Hfpo Dimer Acid	12.0	UG/L	PQL		0.13	J	537 Modified		3535_PFC
OLDOF-C-0519	05/15/2019	320-50423-4	Perfluorononanoic Acid	0.023	UG/L	PQL		0.0020	J	537 Modified		3535_PFC
OLDOF-C-0519	05/15/2019	320-50423-4	PFO5DA	1.7	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0519	05/15/2019	320-50423-4	PFO5DA	2.1	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0519	05/15/2019	320-50423-4	R-EVE	0.14	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0519	05/15/2019	320-50423-4	R-EVE	0.4	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason High relative percent difference (RPD) observed between field duplicate and parent sample. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-C-0519-D	05/15/2019	320-50423-10	Perfluorononanoic Acid	0.016	UG/L	PQL		0.0020	J	537 Modified		3535_PFC
OLDOF-C-0519-D	05/15/2019	320-50423-10	PFO5DA	1.3	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0519-D	05/15/2019	320-50423-10	PFO5DA	1.5	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	Hfpo Dimer Acid	9.8	UG/L	PQL		0.15	J	537 Modified		3535_PFC
OLDOF-C-0319	03/21/2019	320-48702-4	Hfpo Dimer Acid	12.0	UG/L	PQL		0.15	J	537 Modified		3535_PFC
OLDOF-D-0719	07/16/2019	320-52329-8	Hfpo Dimer Acid	8.0	UG/L	PQL		0.13	J	537 Modified		3535_PFC

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Quality review criteria exceeded between the REP (laboratory replicate) and parent sample. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-D-0719	07/16/2019	320-52329-8	PFO5DA	1.6	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0719	07/16/2019	320-52329-8	EVE Acid	0.21	UG/L	PQL		0.024	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0719	07/16/2019	320-52329-8	Byproduct 4	0.64	UG/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0819	08/14/2019	320-53331-1	Byproduct 4	0.74	UG/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0819	08/14/2019	320-53331-1	Byproduct 4	0.84	UG/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0419	04/17/2019	320-49405-1	MMF	19.0	UG/L	PQL		3.6	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0419	04/17/2019	320-49405-1	DFSA	14.0	UG/L	PQL		3.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0519	05/15/2019	320-50423-8	PFO5DA	0.71	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0519	05/15/2019	320-50423-8	PFO5DA	0.88	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0619	06/20/2019	320-51627-8	PFO5DA	0.8	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0819	08/14/2019	320-53331-8	PMPA	6.3	UG/L	PQL		0.57	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0819	08/14/2019	320-53331-8	PMPA	7.2	UG/L	PQL		0.57	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0819	08/14/2019	320-53331-8	PFO2HxA	24	ug/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0819	08/14/2019	320-53331-8	PFO2HxA	27.0	ug/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0819	08/14/2019	320-53331-8	PFO3OA	5.9	ug/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0819	08/14/2019	320-53331-8	PFO3OA	6.7	ug/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0819	08/14/2019	320-53331-8	PFO4DA	1.9	ug/L	PQL		0.079	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Quality review criteria exceeded between the REP (laboratory replicate) and parent sample. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-B-0819	08/14/2019	320-53331-8	PFO4DA	2.2	ug/L	PQL		0.079	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0819	08/14/2019	320-53331-8	PFO5DA	0.92	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0819	08/14/2019	320-53331-8	Hydro-EVE Acid	0.26	UG/L	PQL		0.028	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0819	08/14/2019	320-53331-8	Hydro-EVE Acid	0.3	UG/L	PQL		0.028	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0819	08/14/2019	320-53331-8	R-EVE	0.29	UG/L	PQL		0.070	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0819	08/14/2019	320-53331-8	R-EVE	0.34	UG/L	PQL		0.070	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0819	08/14/2019	320-53331-8	Byproduct 5	1.6	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0419	04/17/2019	320-49405-3	MMF	21.0	UG/L	PQL		3.6	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0419	04/17/2019	320-49405-3	DFSA	7.5	UG/L	PQL		3.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0619	06/20/2019	320-51627-6	PFO5DA	0.98	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	NVHOS	0.61	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	NVHOS	0.49	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	MMF	7.5	UG/L	PQL		7.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	DFSA	17.0	UG/L	PQL		6.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0619	06/20/2019	320-51627-7	PFO5DA	0.89	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	MMF	27.0	UG/L	PQL		7.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0619	06/20/2019	320-51627-9	Hfpo Dimer Acid (trial)	8.0	UG/L	PQL		0.14	J	537 Modified		3535_PFC

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Quality review criteria exceeded between the REP (laboratory replicate) and parent sample. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-2B-0719	07/16/2019	320-52329-1	R-EVE	0.25	UG/L	PQL		0.070	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	NVHOS	1.2	UG/L	PQL		0.054	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	NVHOS	1.5	UG/L	PQL		0.054	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PMPA	7.4	UG/L	PQL		0.57	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PMPA	9.4	UG/L	PQL		0.57	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PEPA	2.7	UG/L	PQL		0.047	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PEPA	3.4	UG/L	PQL		0.047	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PFO2HxA	27	ug/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PFO2HxA	35.0	ug/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PFO3OA	7.2	ug/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PFO3OA	9.3	ug/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PFO4DA	2.3	ug/L	PQL		0.079	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PFO4DA	3.0	ug/L	PQL		0.079	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PFO5DA	1.4	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PFMOAA	134	ug/L	PQL		0.21	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PFMOAA	170.0	ug/L	PQL		0.21	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PFESA-BP2	0.47	ug/L	PQL		0.030	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Quality review criteria exceeded between the REP (laboratory replicate) and parent sample. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	PFESA-BP2	0.6	ug/L	PQL		0.030	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	Hydro-EVE Acid	0.31	UG/L	PQL		0.028	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	Hydro-EVE Acid	0.41	UG/L	PQL		0.028	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	R-EVE	0.33	UG/L	PQL		0.070	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	R-EVE	0.39	UG/L	PQL		0.070	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0819	08/14/2019	320-53331-9	Byproduct 5	1.9	UG/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	DFSA	140.0	UG/L	PQL		6.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0419	04/17/2019	320-49405-5	Byproduct 4	0.65	UG/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0419	04/17/2019	320-49405-5	Byproduct 4	0.56	UG/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0519	05/15/2019	320-50423-4	PFOS	0.0067	UG/L	PQL		0.0020	J	537 Modified		3535_PFC
OLDOF-C-0519	05/15/2019	320-50423-4	PFOS (trial)	0.0067	UG/L	PQL		0.0020	J	537 Modified		3535_PFC
OLDOF-C-0519	05/15/2019	320-50423-4	Perfluorononanoic Acid (trial)	0.023	UG/L	PQL		0.0020	J	537 Modified		3535_PFC
OLDOF-C-0619	06/20/2019	320-51627-4	PFO5DA	0.67	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0719	07/16/2019	320-52329-5	PFESA-BP2	0.41	ug/L	PQL		0.030	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0419	04/17/2019	320-49405-5	MMF	11.0	UG/L	PQL		3.6	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0619	06/20/2019	320-51627-5	PFO3OA	0.4	ug/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0419	04/17/2019	320-49405-6	PFO5DA	1.1	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0419	04/17/2019	320-49405-6	PFO5DA	1.3	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Quality review criteria exceeded between the REP (laboratory replicate) and parent sample. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method SOP	Pre-prep	Prep
OLDOF-C2-0419	04/17/2019	320-49405-6	PFESA-BP2	0.47	ug/L	PQL		0.030	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0419	04/17/2019	320-49405-6	PFESA-BP2	0.55	ug/L	PQL		0.030	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0519	05/15/2019	320-50423-3	R-EVE	0.31	UG/L	PQL		0.070	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0519	05/15/2019	320-50423-3	R-EVE	0.36	UG/L	PQL		0.070	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0519	05/15/2019	320-50423-3	Byproduct 4	0.73	UG/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0519	05/15/2019	320-50423-3	Byproduct 4	0.83	UG/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0519	05/15/2019	320-50423-3	Byproduct 6	0.036	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0519	05/15/2019	320-50423-3	Byproduct 6	0.046	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0619	06/20/2019	320-51627-3	PFO4DA	2.5	ug/L	PQL		0.079	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0619	06/20/2019	320-51627-1	PFO5DA	1.9	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PPF Acid	0.65	UG/L	PQL		0.38	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PPF Acid	0.87	UG/L	PQL		0.38	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	NVHOS	0.71	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	NVHOS	0.71	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFO5DA	0.042	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-EQBLK-1	03/21/2019	320-48702-11	PFO5DA	0.045	ug/L	PQL		0.034	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	MTP	2.0	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	MTP	2.0	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	R-EVE	0.28	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	R-EVE	0.25	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	Byproduct 4	0.81	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	Byproduct 4	0.77	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	Byproduct 6	0.035	UG/L	PQL		0.031	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	Byproduct 6	0.034	UG/L	PQL		0.031	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFMOAA	215	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFMOAA	220.0	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	EVE Acid	0.50	UG/L	PQL		0.049	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-E-0319	03/21/2019	320-48702-2	EVE Acid	0.48	UG/L	PQL		0.049	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFESA-BP2	0.85	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFESA-BP2	0.82	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	Hydro-EVE Acid	0.52	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	Hydro-EVE Acid	0.5	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PPF Acid	48	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PPF Acid	47.0	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PMPA	8.6	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PMPA	8.7	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFO2HxA	46	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFO2HxA	45.0	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFO3OA	12	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFO3OA	12.0	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFO4DA	4.9	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFO4DA	4.9	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFO5DA	3.1	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFO5DA	3.0	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PEPA	2.7	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PEPA	2.6	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFESA-BP1	5.5	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	PFESA-BP1	5.4	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	NVHOS	1.8	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	NVHOS	1.8	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PEPA	2.6	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PEPA	2.5	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFESA-BP1	0.29	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFESA-BP1	0.28	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFESA-BP2	0.25	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFESA-BP2	0.26	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	Hydro-EVE Acid	0.16	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	Hydro-EVE Acid	0.17	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	MTP	0.89	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	MTP	0.87	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	R-EVE	0.15	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-B-0319	03/21/2019	320-48702-8	R-EVE	0.15	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	Byproduct 4	0.32	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	Byproduct 4	0.36	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PPF Acid	18	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PPF Acid	18.0	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	DFSA	129	UG/L	PQL		6.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	DFSA	130.0	UG/L	PQL		6.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFMOAA	71	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFMOAA	73.0	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	NVHOS	1.3	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	NVHOS	1.2	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFO2HxA	17	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFO2HxA	17.0	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFO3OA	4.0	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFO3OA	4.1	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFO4DA	1.3	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFO4DA	1.3	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFO5DA	0.63	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFO5DA	0.64	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PEPA	1.9	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PEPA	2.0	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFESA-BP1	0.15	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PFESA-BP1	0.15	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.12	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.23	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PMPA	5.5	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	PMPA	5.7	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	MTP	0.93	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	MTP	0.89	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	R-EVE	0.16	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	R-EVE	0.16	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	Byproduct 4	0.35	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	Byproduct 4	0.38	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFESA-BP2	0.30	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFESA-BP2	0.31	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	Hydro-EVE Acid	0.17	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	Hydro-EVE Acid	0.17	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PMPA	6.3	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PMPA	6.4	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PPF Acid	20	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PPF Acid	20.0	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFMOAA	84	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFMOAA	85.0	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFO2HxA	19	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFO2HxA	20.0	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFO3OA	4.6	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFO3OA	4.7	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFO4DA	1.5	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFO4DA	1.6	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFO5DA	0.74	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFO5DA	0.81	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PEPA	2.2	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PEPA	2.2	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFESA-BP1	0.17	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	PFESA-BP1	0.17	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	NVHOS	0.80	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	NVHOS	0.83	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	MTP	0.80	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	MTP	0.79	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	R-EVE	0.17	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	R-EVE	0.18	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	Byproduct 4	0.35	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	Byproduct 4	0.33	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFESA-BP2	0.25	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFESA-BP2	0.25	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	Hydro-EVE Acid	0.17	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	Hydro-EVE Acid	0.18	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PMPA	5.9	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PMPA	6.2	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PPF Acid	19	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PPF Acid	20.0	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFO2HxA	17	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFO2HxA	18.0	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFO3OA	4.2	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFO3OA	4.5	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFO4DA	1.4	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFO4DA	1.5	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFO5DA	0.66	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFO5DA	0.71	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PEPA	1.9	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PEPA	2.0	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFESA-BP1	0.19	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFESA-BP1	0.2	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	NVHOS	0.73	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-A-0319	03/21/2019	320-48702-7	NVHOS	0.75	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFESA-BP2	0.29	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFESA-BP2	0.27	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	Hydro-EVE Acid	0.17	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	Hydro-EVE Acid	0.16	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PMPA	5.8	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PMPA	5.9	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PPF Acid	18	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PPF Acid	18.0	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFMOAA	67	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFMOAA	71.0	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFO2HxA	16	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFO2HxA	16.0	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFO3OA	4.2	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFO3OA	4.2	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFO4DA	1.3	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFO4DA	1.3	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFO5DA	0.62	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFO5DA	0.6	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PEPA	1.9	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PEPA	1.9	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFESA-BP1	0.19	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	PFESA-BP1	0.18	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFMOAA	151	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFMOAA	160.0	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	EVE Acid	0.082	UG/L	PQL		0.049	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	EVE Acid	0.092	UG/L	PQL		0.049	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFESA-BP2	0.43	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFESA-BP2	0.48	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	Hydro-EVE Acid	0.26	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	Hydro-EVE Acid	0.28	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PPF Acid	31	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PPF Acid	32.0	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PMPA	6.9	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PMPA	7.1	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFO2HxA	30	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFO2HxA	31.0	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFO3OA	7.1	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFO3OA	7.4	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFO4DA	2.5	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFO4DA	2.7	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFO5DA	1.4	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFO5DA	1.5	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PEPA	2.4	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PEPA	2.4	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFESA-BP1	0.77	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	PFESA-BP1	0.85	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	NVHOS	1.2	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	NVHOS	1.3	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFESA-BP2	0.43	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFESA-BP2	0.44	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	Hydro-EVE Acid	0.26	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	Hydro-EVE Acid	0.27	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	R-EVE	0.19	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	R-EVE	0.19	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	Byproduct 4	0.51	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	Byproduct 4	0.51	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	Byproduct 5	1.3	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	Byproduct 5	1.3	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PPF Acid	28	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PPF Acid	28.0	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFO2HxA	28	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFO2HxA	28.0	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFO3OA	7.2	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFO3OA	7.2	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFO4DA	2.3	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFO4DA	2.3	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFO5DA	1.0	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFO5DA	1.1	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PEPA	2.5	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PEPA	2.4	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFESA-BP1	0.25	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PFESA-BP1	0.25	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PMPA	7.4	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	PMPA	7.4	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	NVHOS	1.2	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	NVHOS	1.2	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	R-EVE	0.24	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	R-EVE	0.21	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	Byproduct 4	0.54	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	Byproduct 4	0.51	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFESA-BP2	0.45	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFESA-BP2	0.44	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	Hydro-EVE Acid	0.29	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	Hydro-EVE Acid	0.28	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PMPA	7.4	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PMPA	7.6	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PPF Acid	30	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PPF Acid	29.0	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	DFSA	10	UG/L	PQL		6.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	DFSA	12.0	UG/L	PQL		6.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFMOAA	137	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFMOAA	130.0	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFO2HxA	29	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFO2HxA	29.0	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFO3OA	7.2	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFO3OA	7.0	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFO4DA	2.4	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFO4DA	2.4	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFO5DA	1.1	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	PFO5DA	1.1	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PMPA	3.2	UG/L	PQL		0.57	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PMPA	3.3	UG/L	PQL		0.57	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFO2HxA	1.6	ug/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFO2HxA	1.6	ug/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFO3OA	0.21	ug/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFO3OA	0.22	ug/L	PQL		0.058	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFO4DA	0.15	ug/L	PQL		0.079	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFO4DA	0.15	ug/L	PQL		0.079	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PEPA	1.1	UG/L	PQL		0.047	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PEPA	1.1	UG/L	PQL		0.047	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	MTP	1.3	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	MTP	1.3	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	R-EVE	0.18	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	R-EVE	0.18	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	Byproduct 4	0.55	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	Byproduct 4	0.64	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	MTP	1.8	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	MTP	1.8	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-D-0319	03/21/2019	320-48702-1	R-EVE	0.26	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	R-EVE	0.21	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	Byproduct 4	0.73	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	Byproduct 4	0.72	UG/L	PQL		0.32	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFMOAA	167	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFMOAA	170.0	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	EVE Acid	0.30	UG/L	PQL		0.049	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	EVE Acid	0.3	UG/L	PQL		0.049	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFESA-BP2	0.64	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFESA-BP2	0.63	ug/L	PQL		0.061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	Hydro-EVE Acid	0.40	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	Hydro-EVE Acid	0.39	UG/L	PQL		0.056	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PPF Acid	39	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PPF Acid	39.0	UG/L	PQL		0.76	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PMPA	8.0	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PMPA	8.0	UG/L	PQL		1.1	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFO2HxA	37	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFO2HxA	38.0	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFO3OA	9.5	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFO3OA	9.8	ug/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFO4DA	3.5	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFO4DA	3.5	ug/L	PQL		0.16	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFO5DA	2.0	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFO5DA	2.0	ug/L	PQL		0.067	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PEPA	2.6	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PEPA	2.6	UG/L	PQL		0.093	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFESA-BP1	2.6	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	PFESA-BP1	2.6	UG/L	PQL		0.053	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFESA-BP2	0.082	ug/L	PQL		0.030	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFESA-BP2	0.08	ug/L	PQL		0.030	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFMOAA	0.44	ug/L	PQL		0.21	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-CREEK-A2-0319	03/21/2019	320-48702-5	PFMOAA	0.43	ug/L	PQL		0.21	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	NVHOS	1.5	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	NVHOS	1.5	UG/L	PQL		0.11	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit but above the rejection limit. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-E-0319	03/21/2019	320-48702-2	Byproduct 5	2.5	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-E-0319	03/21/2019	320-48702-2	Byproduct 5	2.4	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	Byproduct 5	0.75	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-B-0319	03/21/2019	320-48702-8	Byproduct 5	0.76	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	Byproduct 5	0.86	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-SEEP-0319	03/21/2019	320-48702-6	Byproduct 5	0.84	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	Byproduct 5	0.76	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	Byproduct 5	0.79	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFMOAA	75	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-A-0319	03/21/2019	320-48702-7	PFMOAA	78.0	ug/L	PQL		0.42	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	Byproduct 5	0.80	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	Byproduct 5	0.79	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	MTP	0.76	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-2B-0319	03/21/2019	320-48702-9	MTP	0.76	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	MTP	1.3	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319-D	03/21/2019	320-48702-10	MTP	1.2	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 2019 Old Outfall Sampling **Validation Options:** LABSTATS

Validation Reason Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit but above the rejection limit. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
OLDOF-C-0319	03/21/2019	320-48702-4	MTP	1.1	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	MTP	1.2	UG/L	PQL		0.24	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	Byproduct 5	1.3	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C-0319	03/21/2019	320-48702-4	Byproduct 5	1.3	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	Byproduct 5	1.2	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0319	03/21/2019	320-48702-3	Byproduct 5	1.3	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0419	04/17/2019	320-49405-6	MTP	1.4	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-C2-0419	04/17/2019	320-49405-6	MTP	1.5	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	Byproduct 5	1.8	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
OLDOF-D-0319	03/21/2019	320-48702-1	Byproduct 5	1.8	UG/L	PQL		0.12	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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