

June 21, 2021

Mike Brown Illinois Environmental Protection Agency Physical Services MC#2 Springfield, IL 62702-4059

Dear Mike Brown:

Please find enclosed the analytical results for the **2** sample(s) the laboratory received on **6/18/21 3:08 pm** and logged in under work order **EF03959**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of PDC Laboratories, Inc.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

PDC Laboratories, Inc. appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the Director of Client Services, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or Igrant@pdclab.com.

Sincerely,

Live & Shart

Lisa Grant Director of Client Services (309) 692-9688 x1764 Igrant@pdclab.com







SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order EF03959

YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
NO	COC completed & legible
NO	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
NO	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
YES	All non-field analyses received within holding times
NO	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided

ANALYTICAL RESULTS

Work Order: Samples: EF03							Sampled: 06/17 Received: 06/18	7/21 13:05 8/21 15:08	
Reg ID:							PO #:		
Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
EF03959-01 EF03959-02	CHEMTOOL SID FIELD BLANK	#2 FRAC	K TANK				SUBCONTRACTE	D ANALYSIS ATT	ACHED.

Customer #: 2550161



NOTES

Specifications regarding method revisions and method modifications used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

- CHI McHenry, IL 4314-A W. Crystal Lake Road, McHenry, IL 60050 TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279 Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556
- PIA Peoria, IL 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553 Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870) Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338) Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

- SPMO Springfield, MO 1805 W Sunset Street, Springfield, MO 65807 USEPA DMR-QA Program
- STL Hazelwood, MO 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389 TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080 Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050 Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

Link & Loant

Certified by: Lisa Grant, Director of Client Services



Report ID: S25464.01(01) Generated on 06/20/2021

Report to

Attention: Lisa Grant PDC Laboratories, Inc. 2231 W Altorfer Dr Peoria, IL 61615

Phone: 309-683-1764 FAX: Email: lgrant@pdclab.com

Report produced by

Merit Laboratories, Inc. 2680 East Lansing Drive East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Contacts for report questions: John Laverty (johnlaverty@meritlabs.com) Barbara Ball (bball@meritlabs.com)

Report Summary

Lab Sample ID(s): S25464.01-S25464.02 Project: EF03959 Collected Date(s): 06/17/2021 Submitted Date/Time: 06/19/2021 11:00 Sampled by: Unknown P.O. #:

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Naya Mushah

Maya Murshak Technical Director

Analytical Laboratory Report



General Report Notes

Analytical results relate only to the samples tested, in the condition received by the laboratory.

Methods may be modified for improved performance.

Results reported on a dry weight basis where applicable.

'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).

40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples

for acrolein and acrylonitrile need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling. QA/QC corresponding to this analytical report is a separate document with the same Merit ID reference and is available upon request.

Full accreditation certificates are available upon request. Starred (*) analytes are not NELAP accredited.

Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.

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Limits for drinking water samples, are listed as the MCL Limits (Maximum Contaminant Level Concentrations)

PFAS requirement: Section 9.3.8 of U.S. EPA Method 537.1 states "If the method analyte(s) found in the Field Sample is present in the

FRB at a concentration greater than 1/3 the MRL, then all samples collected with that FRB are invalid and must be recollected and reanalyzed." Samples submitted without an accompanying FRB may not be acceptable for compliance purposes.

Report Narrative

There is no additional narrative for this analytical report



Laboratory Certifications

Michigan DEQ #9956 DOD ELAP/ISO 17025 #69699 WBENC #2005110032 Ohio VAP #CL0002 Indiana DOH #C-MI-07 New York NELAC #11814 North Carolina DENR #680 North Carolina DOH #26702 Alaska CSLAP #17-001 Penpsylvania DEP #68-05884	Authority	Certification ID
WBENC #2005110032 Ohio VAP #CL0002 Indiana DOH #C-MI-07 New York NELAC #11814 North Carolina DENR #680 North Carolina DOH #26702 Alaska CSLAP #17-001	Michigan DEQ	#9956
Ohio VAP#CL0002Indiana DOH#C-MI-07New York NELAC#11814North Carolina DENR#680North Carolina DOH#26702Alaska CSLAP#17-001	DOD ELAP/ISO 17025	#69699
Indiana DOH#C-MI-07New York NELAC#11814North Carolina DENR#680North Carolina DOH#26702Alaska CSLAP#17-001	WBENC	#2005110032
New York NELAC#11814North Carolina DENR#680North Carolina DOH#26702Alaska CSLAP#17-001	Ohio VAP	#CL0002
North Carolina DENR#680North Carolina DOH#26702Alaska CSLAP#17-001	Indiana DOH	#C-MI-07
North Carolina DOH#26702Alaska CSLAP#17-001	New York NELAC	#11814
Alaska CSLAP #17-001	North Carolina DENR	#680
	North Carolina DOH	#26702
Pennsylvania DEP #68-05884	Alaska CSLAP	#17-001
	Pennsylvania DEP	#68-05884

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
В	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
н	Sample submitted and run outside of holding time
1	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
М	Result reported to MDL not RDL
0	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
Т	No correction for total solids
Х	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
е	Reported value estimated due to interference
j	Analyte also found in associated method blank
р	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
х	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods
LN	Linear
BR	Branched
1	



Method Summary

Method ASTMD7979-19M

ASTM Method D7979 - 19 Modified (Isotopic Dilution)

Version

Parameter Summary

Parameter	Synonym	Cas #
PFBA	Perfluorobutanoic Acid	375-22-4
PFPeA	Perfluoropentanoic Acid	2706-90-3
4:2 FTSA	4:2 Fluorotelomer Sulfonic Acid	757124-72-4
PFHxA	Perfluorohexanoic Acid	307-24-4
PFBS	Perfluorobutane sulfonic Acid	375-73-5
PFHpA	Perfluoroheptanoic Acid	375-85-9
PFPeS	Perfluoropentane Sulfonic Acid	2706-91-4
6:2 FTSA	6:2 Fluorotelomer Sulfonic Acid	27619-97-2
PFOA	Perfluorooctanoic Acid	335-67-1
PFHxS	Perfluorohexane Sulfonic Acid	355-46-4
PFHxS-LN	Perfluorohexane Sulfonic Acid - LN	355-46-4-LN
PFHxS-BR	Perfluorohexane Sulfonic Acid - BR	355-46-4-BR
PFNA	Perfluorononanoic Acid	375-95-1
8:2 FTSA	8:2 Fluorotelomer Sulfonic Acid	39108-34-4
PFHpS	Perfluoroheptane Sulfonic Acid	375-92-8
PFDA	Perfluorodecanoic Acid	335-76-2
N-MeFOSAA	N-methyl perfluorooctanesulfonamidoacetic acid	2355-31-9
EtFOSAA	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	2991-50-6
PFOS	Perfluorooctane Sulfonic Acid	1763-23-1
PFOS-LN	Perfluorooctane Sulfonic Acid - LN	1763-23-1-LN
PFOS-BR	Perfluorooctane Sulfonic Acid - BR	1763-23-1-BR
PFUnDA	Perfluoroundecanoic Acid	2058-94-8
PFNS	Perfluorononane Sulfonic Acid	68259-12-1
PFDoDA	Perfluorododecanoic Acid	307-55-1
PFDS	Perfluorodecane Sulfonic Acid	335-77-3
PFTrDA	Perfluorotridecanoic Acid	72629-94-8
FOSA	Perfluorooctane Sulfonamide	754-91-6
PFTeDA	Perfluorotetradecanoic Acid	376-06-7
11CI-PF3OUdS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	763051-92-9
9CI-PF3ONS	9-chlorohexadecafluoro-3-oxanone1-sulfonic acid	756426-58-1
ADONA	4,8-dioxa-3H-perfluorononanoic acid	919005-14-4
HFPO-DA	Hexafluoropropylene oxide dimer	13252-13-6



Sample Summary	(2	samples)
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Sample ID	Sample Tag	Matrix	Collected Date/Time
S25464.01	EF03959-01	Wastewater	06/17/21 13:05
S25464.02	EF03959-02	Wastewater	06/17/21 00:01



Lab Sample ID: S25464.01

Sample Tag: EF03959-01 Collected Date/Time: 06/17/2021 13:05 Matrix: Wastewater COC Reference:

Sample Containers

#	Туре	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
3	250ml Plastic	Trizma	Yes	4.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.99/6.90/10	ASTMD7979-19M	06/19/21 12:00	KCV	1

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 06/19/21 17:13, Analyst: JGH

PFBA' 160 98 ng/L 19.6 375-22-4 Y PFPAA' 150 39 ng/L 19.6 2706-90-3 Y 42: FTSA' Not detected 20 ng/L 19.6 375-72-4 YI PFHxA' 920 20 ng/L 19.6 375-73-5 Y PFBS' Not detected 20 ng/L 19.6 375-73-5 Y PFPs' Not detected 20 ng/L 19.6 375-73-5 Y PFPs' Not detected 20 ng/L 19.6 375-73-5 Y PFPs' Not detected 20 ng/L 19.6 355-67-1 Y PFAC* Not detected 20 ng/L 19.6 355-46-4-LN Y PFHxS' Not detected 20 ng/L 19.6 355-46-4-LN Y PFHxS-BR* Not detected 20 ng/L 19.6 355-46-4-LN Y PFNA' Not detected 20 ng/L 19.6 357-86-2 Y PFNA'	Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
4:2 FTSA* Not detected 20 ng/L 19.6 757124-724 YI PFHxA* 920 20 ng/L 19.6 375-73-5 Y PFBS* Not detected 20 ng/L 19.6 375-73-5 Y PFHpA* Not detected 20 ng/L 19.6 375-85-9 Y PFPeS* Not detected 20 ng/L 19.6 2706-91-4 Y 6:2 FTSA* A400 20 ng/L 19.6 335-67-1 Y PFOA* Not detected 20 ng/L 19.6 355-46-4 Y PFHxS* Not detected 20 ng/L 19.6 355-46-4-LN Y PFHxS-BR* Not detected 20 ng/L 19.6 355-46-4-LN Y PFHxS-BR* Not detected 20 ng/L 19.6 375-92-1 Y PFNA* Not detected 20 ng/L 19.6 355-46-4-LN Y PFDA* Not detected 20 ng/L 19.6 355-46-4-LN Y	PFBA*	160	98		ng/L	19.6	375-22-4	Y
PFHxA* 920 20 ng/L 19.6 307-24.4 Y PFBS* Not detected 20 ng/L 19.6 375-75.5 Y PFHpA* Not detected 20 ng/L 19.6 2705-91.4 Y PFPeS* Not detected 20 ng/L 19.6 2706-91.4 Y 6:2 FTSA* Not detected 20 ng/L 19.6 355-46.1 Y PFAxS* Not detected 20 ng/L 19.6 355-46.4 Y PFHxS* Not detected 20 ng/L 19.6 355-46.4 Y PFHxS* Not detected 20 ng/L 19.6 355-46.4 Y PFHxS* Not detected 20 ng/L 19.6 355-46.4 Y PFNA* Not detected 20 ng/L 19.6 355-46.4 Y PFNA* Not detected 20 ng/L 19.6 355-46.4 Y PFNA* Not d	PFPeA*	150	39		ng/L	19.6	2706-90-3	Y
PFBS* Not detected 20 ng/L 19.6 375-73-5 Y PFHpA* Not detected 20 ng/L 19.6 375-85-9 Y PFPeS* Not detected 20 ng/L 19.6 375-85-9 Y PFPeS* Not detected 20 ng/L 19.6 2706-91-4 Y e2: FTSA* Not detected 20 ng/L 19.6 355-46-4 Y PFDA* Not detected 20 ng/L 19.6 355-46-4-LN Y PFHxS-BR* Not detected 20 ng/L 19.6 355-46-4-LN Y PFHxS-BR* Not detected 20 ng/L 19.6 355-46-4-LN Y PFHxS-BR* Not detected 20 ng/L 19.6 356-76-2 Y PFNA* Not detected 20 ng/L 19.6 355-76-2 Y PFDA* Not detected 20 ng/L 19.6 1763-23-1 Y PF	4:2 FTSA*	Not detected	20		ng/L	19.6	757124-72-4	YI
PFHpA* Not detected 20 ng/L 19.6 375-85-9 Y PFPeS* Not detected 20 ng/L 19.6 2706-91-4 Y 6:2 FTSA* 4.400 20 ng/L 19.6 27619-97-2 YI 6:2 FTSA* Not detected 20 ng/L 19.6 355-46-4 Y PFhXS* Not detected 20 ng/L 19.6 355-46-4-LN Y PFhXS-LN* Not detected 20 ng/L 19.6 355-46-4-LN Y PFhXS-BR* Not detected 20 ng/L 19.6 355-46-4-LN Y PFNA* Not detected 20 ng/L 19.6 3576-9.1 Y PFNA* Not detected 20 ng/L 19.6 3576-9.4 Y PFDA* Not detected 20 ng/L 19.6 3576-2 Y PFOS* Not detected 20 ng/L 19.6 1763-23.1-LN Y PFOS-	PFHxA*	920	20		ng/L	19.6	307-24-4	Y
PFPeS*Not detected20ng/L19.62706-91-4Y6:2 FTSA*4.40020ng/L19.627619-97-2YIPFOA*Not detected20ng/L19.6355-46-4YPFHxS*Not detected20ng/L19.6355-46-4.LNYPFHxS*DA*Not detected20ng/L19.6355-46-4.BRYPFHxS-BR*Not detected20ng/L19.6355-46-4.BRYPFNA*Not detected20ng/L19.6355-46-4.BRYPFNA*Not detected20ng/L19.635-62-1YPFNA*Not detected20ng/L19.635-76-2YPFDA*Not detected20ng/L19.635-76-2YPFDA*Not detected20ng/L19.6255-31-9YIPFOS-SA*Not detected30ng/L19.6255-31-9YIPFOS-SA*Not detected20ng/L19.61763-23-1YPFOS-SB*Not detected20ng/L19.61763-23-1YPFOS-SB*Not detected20ng/L19.6256-94-8YPFDA*Not detected20ng/L19.6355-73YPFDA*Not detected20ng/L19.6355-71YPFDA*Not detected20ng/L19.6355-73YPFDA*Not detected20ng/L<	PFBS*	Not detected	20		ng/L	19.6	375-73-5	Y
6:2 FTSA* 4,400 20 ng/L 19.6 27619-97-2 YI PFOA* Not detected 20 ng/L 19.6 335-67-1 Y PFHxS Not detected 20 ng/L 19.6 355-46-4 Y PFHxS-LN* Not detected 20 ng/L 19.6 355-46-4-BR Y PFHxS-BR* Not detected 20 ng/L 19.6 355-46-4-BR Y PFNA* Not detected 20 ng/L 19.6 355-46-4-BR Y PFNA* Not detected 20 ng/L 19.6 375-95-1 Y PFDA* Not detected 20 ng/L 19.6 335-76-2 Y NMeFOSAA* Not detected 20 ng/L 19.6 325-71-9 YI PFOS* Not detected 20 ng/L 19.6 1763-23-1 Y PFOS* Not detected 20 ng/L 19.6 1763-23-1-BR Y PFOS-	PFHpA*	Not detected	20		ng/L	19.6	375-85-9	Y
PFOA* Not detected 20 ng/L 19.6 335-67-1 Y PFHxS* Not detected 20 ng/L 19.6 355-46-4 Y PFHxS-LN* Not detected 20 ng/L 19.6 355-46-4-LN Y PFHxS-BR* Not detected 20 ng/L 19.6 355-46-4-LN Y PFNA* Not detected 20 ng/L 19.6 355-46-4-LN Y PFNA* Not detected 20 ng/L 19.6 355-46-4-LN Y PFNA* Not detected 20 ng/L 19.6 39108-34-4 YI PFDA* Not detected 20 ng/L 19.6 355-62-2 Y N-MeFOSAA* Not detected 20 ng/L 19.6 2991-50-6 YI PFOS Not detected 20 ng/L 19.6 1763-23.1 Y PFOS-LN* Not detected 20 ng/L 19.6 2058-94.8 Y <	PFPeS*	Not detected	20		ng/L	19.6	2706-91-4	Y
PFHxS* Not detected 20 ng/L 19.6 355-46-4 Y PFHxS-LN* Not detected 20 ng/L 19.6 355-46-4-LN Y PFHxS-BR* Not detected 20 ng/L 19.6 355-46-4-LR Y PFNA* Not detected 20 ng/L 19.6 355-46-4-BR Y PFNA* Not detected 20 ng/L 19.6 375-92-8 Y PFDA* Not detected 20 ng/L 19.6 335-76-2 Y N-MeFOSAA* Not detected 20 ng/L 19.6 2355-31-9 YI PFOS Not detected 20 ng/L 19.6 2355-31-9 YI PFOSA* Not detected 20 ng/L 19.6 1763-23-1 Y PFOS-SA* Not detected 20 ng/L 19.6 1763-23-1 Y PFOS-SB* Not detected 20 ng/L 19.6 68259-12-1 Y	6:2 FTSA*	4,400	20		ng/L	19.6	27619-97-2	YI
PFHxS-LN* Not detected 20 ng/L 19.6 355-46-4-LN Y PFHxS-BR* Not detected 20 ng/L 19.6 355-46-4-BR Y PFNA* Not detected 20 ng/L 19.6 375-95-1 Y 8:2 FTSA* Not detected 20 ng/L 19.6 39108-34-4 YI PFDA* Not detected 20 ng/L 19.6 375-92-8 Y PFDA* Not detected 20 ng/L 19.6 335-76-2 Y N-MeFOSAA* Not detected 20 ng/L 19.6 2355-31-9 YI EtFOSA* Not detected 20 ng/L 19.6 291-50-6 YI PFOS* Not detected 20 ng/L 19.6 1763-23-1 Y PFOS-LN* Not detected 20 ng/L 19.6 1763-23-1 Y PFOS-SBR* Not detected 20 ng/L 19.6 62259-12-1 Y	PFOA*	Not detected	20		ng/L	19.6	335-67-1	Y
PFHxS-BR* Not detected 20 ng/L 19.6 355-46-4-BR Y PFNA* Not detected 20 ng/L 19.6 375-95-1 Y 8:2 FTSA* Not detected 20 ng/L 19.6 375-95-1 Y 8:2 FTSA* Not detected 20 ng/L 19.6 375-92-8 Y PFDA* Not detected 20 ng/L 19.6 335-76-2 Y N-MeFOSAA* Not detected 20 ng/L 19.6 2355-31-9 YI EtFOSAA* Not detected 20 ng/L 19.6 2355-31-9 YI PFOS* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFOS+LN* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFOS+BR* Not detected 20 ng/L 19.6 2052-31-B Y PFDs/DA* Not detected 20 ng/L 19.6 357-7.3 Y	PFHxS*	Not detected	20		ng/L	19.6	355-46-4	Y
PFNA* Not detected 20 ng/L 19.6 375-95-1 Y 8:2 FTSA* Not detected 20 ng/L 19.6 39108-34-4 YI PFHpS* Not detected 20 ng/L 19.6 375-92-8 Y PFDA* Not detected 20 ng/L 19.6 335-76-2 Y N-MeFOSAA* Not detected 20 ng/L 19.6 235-31-9 YI EtFOSA* Not detected 20 ng/L 19.6 235-31-9 YI PFOS-MA* Not detected 20 ng/L 19.6 1763-23-1 Y PFOS-LN* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFOS-BR* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFNS* Not detected 20 ng/L 19.6 357-73 Y PFDoDA* Not detected 20 ng/L 19.6 376-06-7 Y <	PFHxS-LN*	Not detected	20		ng/L	19.6	355-46-4-LN	Y
8:2 FTSA* Not detected 20 n/L 19.6 39108-34.4 YI PFHpS* Not detected 20 ng/L 19.6 375-92.8 Y PFDA* Not detected 20 ng/L 19.6 335-76-2 Y N-MeFOSAA* Not detected 20 ng/L 19.6 2355-31-9 YI EtFOSAA* Not detected 39 ng/L 19.6 291-50-6 YI PFOS* Not detected 20 ng/L 19.6 1763-23-1 Y PFOS-LN* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFOS-BR* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFDoDA* Not detected 20 ng/L 19.6 2058-94.8 Y PFOS-BR* Not detected 20 ng/L 19.6 307-55.1 Y PFDoDA* Not detected 20 ng/L 19.6 35-77.3 Y	PFHxS-BR*	Not detected	20		ng/L	19.6	355-46-4-BR	Y
PFHpS* Not detected 20 ng/L 19.6 375-92-8 Y PFDA* Not detected 20 ng/L 19.6 335-76-2 Y N-MeFOSAA* Not detected 20 ng/L 19.6 2355-31-9 YI EtFOSAA* Not detected 39 ng/L 19.6 2991-50-6 YI PFOS* Not detected 20 ng/L 19.6 1763-23-1 Y PFOS-LN* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFOS-BR* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFOS-BR* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFOS-BR* Not detected 20 ng/L 19.6 68259-12-1 Y PFODA* Not detected 20 ng/L 19.6 307-55-1 Y PFDS* Not detected 20 ng/L 19.6 7629-94-8 Y	PFNA*	Not detected	20		ng/L	19.6	375-95-1	Y
PFDA* Not detected 20 ng/L 19.6 335-76-2 Y N-MeFOSAA* Not detected 20 ng/L 19.6 2355-31-9 YI EtFOSAA* Not detected 39 ng/L 19.6 2991-50-6 YI PFOS* Not detected 20 ng/L 19.6 1763-23.1 Y PFOS-LN* Not detected 20 ng/L 19.6 1763-23.1-LN Y PFOS-BR* Not detected 20 ng/L 19.6 1763-23.1-LN Y PFUnDA* Not detected 20 ng/L 19.6 1763-23.1-LN Y PFUnDA* Not detected 20 ng/L 19.6 163-23.1-LN Y PFDs* Not detected 20 ng/L 19.6 68259-12-1 Y PFDs* Not detected 20 ng/L 19.6 335-77-3 Y PFTDA* Not detected 20 ng/L 19.6 754-91-6 Y	8:2 FTSA*	Not detected	20		ng/L	19.6	39108-34-4	YI
N-MeFOSAA* Not detected 20 ng/L 19.6 2355-31-9 YI EtFOSAA* Not detected 39 ng/L 19.6 2991-50-6 YI PFOS* Not detected 20 ng/L 19.6 1763-23-1 Y PFOS-LN* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFOS-BR* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFOS-BR* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFUnDA* Not detected 20 ng/L 19.6 2058-94-8 Y PFNS* Not detected 20 ng/L 19.6 68259-12-1 Y PFDs/A* Not detected 20 ng/L 19.6 307-55-1 Y PFTDA* Not detected 20 ng/L 19.6 754-91-6 Y PFTeDA* Not detected 20 ng/L 19.6 763051-92-9 Y <t< td=""><td>PFHpS*</td><td>Not detected</td><td>20</td><td></td><td>ng/L</td><td>19.6</td><td>375-92-8</td><td>Y</td></t<>	PFHpS*	Not detected	20		ng/L	19.6	375-92-8	Y
EtFOSAA* Not detected 39 ng/L 19.6 2991-50-6 YI PFOS* Not detected 20 ng/L 19.6 1763-23-1 Y PFOS-LN* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFOS-BR* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFUnDA* Not detected 20 ng/L 19.6 1763-23-1-BR Y PFUnDA* Not detected 20 ng/L 19.6 1763-23-1-BR Y PFUnDA* Not detected 20 ng/L 19.6 68259-12-1 Y PFDoDA* Not detected 20 ng/L 19.6 68259-12-1 Y PFDs* Not detected 20 ng/L 19.6 335-77-3 Y PFTrDA* Not detected 20 ng/L 19.6 754-91-6 Y PFTeDA* Not detected 20 ng/L 19.6 376-06-7 Y PFTeDA* Not detected 20 ng/L 19.6 763051-92-9 <t< td=""><td>PFDA*</td><td>Not detected</td><td>20</td><td></td><td>ng/L</td><td>19.6</td><td>335-76-2</td><td>Y</td></t<>	PFDA*	Not detected	20		ng/L	19.6	335-76-2	Y
PFOS* Not detected 20 ng/L 19.6 1763-23-1 Y PFOS-LN* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFOS-BR* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFUDA* Not detected 20 ng/L 19.6 1763-23-1-BR Y PFUNDA* Not detected 20 ng/L 19.6 2058-94-8 Y PFUDA* Not detected 20 ng/L 19.6 68259-12-1 Y PFDoDA* Not detected 20 ng/L 19.6 307-55-1 Y PFDs* Not detected 20 ng/L 19.6 335-77-3 Y PFTrDA* Not detected 20 ng/L 19.6 7629-94-8 Y PFTeDA* Not detected 20 ng/L 19.6 7640-7 Y PFTeDA* Not detected 39 ng/L 19.6 763051-92-9 Y	N-MeFOSAA*	Not detected	20		ng/L	19.6	2355-31-9	YI
PFOS-LN* Not detected 20 ng/L 19.6 1763-23-1-LN Y PFOS-BR* Not detected 20 ng/L 19.6 1763-23-1-BR Y PFUnDA* Not detected 20 ng/L 19.6 1763-23-1-BR Y PFUnDA* Not detected 20 ng/L 19.6 2058-94-8 Y PFNS* Not detected 20 ng/L 19.6 68259-12-1 Y PFDoDA* Not detected 20 ng/L 19.6 307-55-1 Y PFDs* Not detected 20 ng/L 19.6 335-77-3 Y PFTrDA* Not detected 20 ng/L 19.6 72629-94-8 Y FOSA* Not detected 20 ng/L 19.6 754-91-6 Y PFTeDA* Not detected 39 ng/L 19.6 376-06-7 Y 11CI-PF3OUdS* Not detected 20 ng/L 19.6 763051-92-9 Y Q	EtFOSAA*	Not detected	39		ng/L	19.6	2991-50-6	YI
PFOS-BR* Not detected 20 ng/L 19.6 1763-23-1-BR Y PFUnDA* Not detected 20 ng/L 19.6 2058-94-8 Y PFNS* Not detected 20 ng/L 19.6 68259-12-1 Y PFDoDA* Not detected 20 ng/L 19.6 307-55-1 Y PFDoDA* Not detected 20 ng/L 19.6 335-77-3 Y PFDs* Not detected 20 ng/L 19.6 335-77-3 Y PFTrDA* Not detected 20 ng/L 19.6 72629-94-8 Y FOSA* Not detected 20 ng/L 19.6 754-91-6 Y PFTeDA* Not detected 39 ng/L 19.6 376-06-7 Y 11CI-PF3OUdS* Not detected 20 ng/L 19.6 763051-92-9 Y 9CI-PF3ONS* Not detected 20 ng/L 19.6 76426-58-1 Y ADONA* Not detected 20 ng/L 19.6 919005-14-4 Y<	PFOS*	Not detected	20		ng/L	19.6	1763-23-1	Y
PFUnDA* Not detected 20 ng/L 19.6 2058-94-8 Y PFNS* Not detected 20 ng/L 19.6 68259-12-1 Y PFDoDA* Not detected 20 ng/L 19.6 307-55-1 Y PFDoDA* Not detected 20 ng/L 19.6 307-55-1 Y PFDs* Not detected 20 ng/L 19.6 335-77-3 Y PFTrDA* Not detected 20 ng/L 19.6 72629-94-8 Y FOSA* Not detected 20 ng/L 19.6 754-91-6 Y PFTeDA* Not detected 39 ng/L 19.6 376-06-7 Y 11CI-PF3OUdS* Not detected 20 ng/L 19.6 763051-92-9 Y 9CI-PF3ONS* Not detected 20 ng/L 19.6 76426-58-1 Y ADONA* Not detected 20 ng/L 19.6 919005-14-4 Y	PFOS-LN*	Not detected	20		ng/L	19.6	1763-23-1-LN	Y
PFNS* Not detected 20 ng/L 19.6 68259-12-1 Y PFDoDA* Not detected 20 ng/L 19.6 307-55-1 Y PFDs* Not detected 20 ng/L 19.6 335-77-3 Y PFTrDA* Not detected 20 ng/L 19.6 72629-94-8 Y FOSA* Not detected 20 ng/L 19.6 754-91-6 Y PFTeDA* Not detected 39 ng/L 19.6 376-06-7 Y 11CI-PF3OUdS* Not detected 20 ng/L 19.6 763051-92-9 Y 9CI-PF3ONS* Not detected 20 ng/L 19.6 763051-92-9 Y ADONA* Not detected 20 ng/L 19.6 76426-58-1 Y	PFOS-BR*	Not detected	20		ng/L	19.6	1763-23-1-BR	Y
PFDoDA* Not detected 20 ng/L 19.6 307-55-1 Y PFDS* Not detected 20 ng/L 19.6 335-77-3 Y PFTrDA* Not detected 20 ng/L 19.6 72629-94-8 Y FOSA* Not detected 20 ng/L 19.6 754-91-6 Y PFTeDA* Not detected 39 ng/L 19.6 376-06-7 Y 11CI-PF3OUdS* Not detected 20 ng/L 19.6 763051-92-9 Y 9CI-PF3ONS* Not detected 20 ng/L 19.6 76426-58-1 Y ADONA* Not detected 20 ng/L 19.6 919005-14-4 Y	PFUnDA*	Not detected	20		ng/L	19.6	2058-94-8	Y
PFDS* Not detected 20 ng/L 19.6 335-77-3 Y PFTrDA* Not detected 20 ng/L 19.6 72629-94-8 Y FOSA* Not detected 20 ng/L 19.6 754-91-6 Y PFTeDA* Not detected 39 ng/L 19.6 376-06-7 Y 11CI-PF3OUdS* Not detected 20 ng/L 19.6 763051-92-9 Y 9CI-PF3ONS* Not detected 20 ng/L 19.6 756426-58-1 Y ADONA* Not detected 20 ng/L 19.6 919005-14-4 Y	PFNS*	Not detected	20		ng/L	19.6	68259-12-1	Y
PFTrDA* Not detected 20 ng/L 19.6 72629-94-8 Y FOSA* Not detected 20 ng/L 19.6 754-91-6 Y PFTeDA* Not detected 39 ng/L 19.6 376-06-7 Y 11CI-PF3OUdS* Not detected 20 ng/L 19.6 763051-92-9 Y 9CI-PF3ONS* Not detected 20 ng/L 19.6 756426-58-1 Y ADONA* Not detected 20 ng/L 19.6 919005-14-4 Y	PFDoDA*	Not detected	20		ng/L	19.6	307-55-1	Y
FOSA* Not detected 20 ng/L 19.6 754-91-6 Y PFTeDA* Not detected 39 ng/L 19.6 376-06-7 Y 11CI-PF3OUdS* Not detected 20 ng/L 19.6 763051-92-9 Y 9CI-PF3ONS* Not detected 20 ng/L 19.6 756426-58-1 Y ADONA* Not detected 20 ng/L 19.6 919005-14-4 Y	PFDS*	Not detected	20		ng/L	19.6	335-77-3	Y
PFTeDA* Not detected 39 ng/L 19.6 376-06-7 Y 11CI-PF3OUdS* Not detected 20 ng/L 19.6 763051-92-9 Y 9CI-PF3ONS* Not detected 20 ng/L 19.6 756426-58-1 Y ADONA* Not detected 20 ng/L 19.6 919005-14-4 Y	PFTrDA*	Not detected	20		ng/L	19.6	72629-94-8	Y
11Cl-PF3OUdS* Not detected 20 ng/L 19.6 763051-92-9 Y 9Cl-PF3ONS* Not detected 20 ng/L 19.6 756426-58-1 Y ADONA* Not detected 20 ng/L 19.6 919005-14-4 Y	FOSA*	Not detected	20		ng/L	19.6	754-91-6	Y
9CI-PF3ONS* Not detected 20 ng/L 19.6 756426-58-1 Y ADONA* Not detected 20 ng/L 19.6 919005-14-4 Y	PFTeDA*	Not detected	39		ng/L	19.6	376-06-7	Y
ADONA* Not detected 20 ng/L 19.6 919005-14-4 Y	11CI-PF3OUdS*	Not detected	20		ng/L	19.6	763051-92-9	Υ
•	9CI-PF3ONS*	Not detected	20		ng/L	19.6	756426-58-1	Υ
	ADONA*	Not detected	20		ng/L	19.6	919005-14-4	Υ
	HFPO-DA*	Not detected	20		ng/L	19.6	13252-13-6	Y

1-subsample from 250mL plastic

Y-Elevated reporting limit due to high target concentration

I-Matrix interference with internal standard



Lab Sample ID: S25464.02

Sample Tag: EF03959-02 Collected Date/Time: 06/17/2021 00:01 Matrix: Wastewater COC Reference:

Sample Containers

#	Туре	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	250ml Plastic	Trizma	Yes	4.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	12.27/7.01/10	ASTMD7979-19M	06/19/21 12:00	KCV	1

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 06/19/21 23:32, Analyst: JGH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	Not detected	9.5		ng/L	1.9	375-22-4	
PFPeA*	Not detected	3.8		ng/L	1.9	2706-90-3	
4:2 FTSA*	Not detected	1.9		ng/L	1.9	757124-72-4	
PFHxA*	Not detected	1.9		ng/L	1.9	307-24-4	
PFBS*	Not detected	1.9		ng/L	1.9	375-73-5	
PFHpA*	Not detected	1.9		ng/L	1.9	375-85-9	
PFPeS*	Not detected	1.9		ng/L	1.9	2706-91-4	
6:2 FTSA*	Not detected	1.9		ng/L	1.9	27619-97-2	
PFOA*	Not detected	1.9		ng/L	1.9	335-67-1	
PFHxS*	Not detected	1.9		ng/L	1.9	355-46-4	
PFHxS-LN*	Not detected	1.9		ng/L	1.9	355-46-4-LN	
PFHxS-BR*	Not detected	1.9		ng/L	1.9	355-46-4-BR	
PFNA*	Not detected	1.9		ng/L	1.9	375-95-1	
8:2 FTSA*	Not detected	1.9		ng/L	1.9	39108-34-4	
PFHpS*	Not detected	1.9		ng/L	1.9	375-92-8	
PFDA*	Not detected	1.9		ng/L	1.9	335-76-2	
N-MeFOSAA*	Not detected	1.9		ng/L	1.9	2355-31-9	
EtFOSAA*	Not detected	3.8		ng/L	1.9	2991-50-6	
PFOS*	Not detected	1.9		ng/L	1.9	1763-23-1	
PFOS-LN*	Not detected	1.9		ng/L	1.9	1763-23-1-LN	
PFOS-BR*	Not detected	1.9		ng/L	1.9	1763-23-1-BR	
PFUnDA*	Not detected	1.9		ng/L	1.9	2058-94-8	
PFNS*	Not detected	1.9		ng/L	1.9	68259-12-1	
PFDoDA*	Not detected	1.9		ng/L	1.9	307-55-1	
PFDS*	Not detected	1.9		ng/L	1.9	335-77-3	
PFTrDA*	Not detected	1.9		ng/L	1.9	72629-94-8	
FOSA*	Not detected	1.9		ng/L	1.9	754-91-6	
PFTeDA*	Not detected	3.8		ng/L	1.9	376-06-7	
11CI-PF3OUdS*	Not detected	1.9		ng/L	1.9	763051-92-9	
9CI-PF3ONS*	Not detected	1.9		ng/L	1.9	756426-58-1	
ADONA*	Not detected	1.9		ng/L	1.9	919005-14-4	
HFPO-DA*	Not detected	1.9		ng/L	1.9	13252-13-6	

1-subsample from 250mL plastic

Merit Laboratories Login Checklist

Lab Set ID:S25464

Client: PDC (PDC Technical Services)

Project: EF03959

Submitted: 06/19/2021 11:00 Login User: BJB

Attention: Lisa Grant Address: PDC Laboratories, Inc. 2231 W Altorfer Dr Peoria, IL 61615

Phone: 309-683-1764 FAX: Email: lgrant@pdclab.com

Selection	Description	Note
Sample Receiving		
01. 🕱 Yes 🗌 No 🗌 N/A	Samples are received at 4C +/- 2C Thermometer #	IR 4.0
02. X Yes No N/A	Received on ice/ cooling process begun	
03. X Yes No N/A	Samples shipped	UPS
04. Yes X No N/A	Samples left in 24 hr. drop box	
05. 🕱 Yes 🗌 No 🗌 N/A	Are there custody seals/tape or is the drop box locked	
Chain of Custody		
06. 🕱 Yes 🗌 No 🗌 N/A	COC adequately filled out	
07. X Yes No N/A	COC signed and relinquished to the lab	
08. X Yes No N/A	Sample tag on bottles match COC	
09. Yes X No N/A	Subcontracting needed? Subcontacted to:	
Preservation		
Preservation 10. X Yes No N/A	Do sample have correct chemical preservation	
	Do sample have correct chemical preservation Completed pH checks on preserved samples? (no VOAs)	
10. X Yes No N/A	· · ·	
10. X Yes No N/A 11. Yes No X/A	Completed pH checks on preserved samples? (no VOAs)	
10. X Yes No N/A 11. Yes No X N/A 12. Yes No N/A	Completed pH checks on preserved samples? (no VOAs)	
10. X Yes No N/A 11. Yes No X N/A 12. Yes X No N/A Bottle Conditions X N/A	Completed pH checks on preserved samples? (no VOAs) Did any samples need to be preserved in the lab?	Trizma bottles submitted
10. X Yes No N/A 11. Yes No X N/A 12. Yes No N/A Bottle Conditions 13. Yes No N/A	Completed pH checks on preserved samples? (no VOAs) Did any samples need to be preserved in the lab? All bottles intact	Trizma bottles submitted
10. X Yes No N/A 11. Yes No X N/A 12. Yes No N/A Bottle Conditions N/A 13. Yes No N/A 14. Yes No N/A	Completed pH checks on preserved samples? (no VOAs) Did any samples need to be preserved in the lab? All bottles intact Appropriate analytical bottles are used	Trizma bottles submitted
10. X Yes No N/A 11. Yes No X N/A 12. Yes X No N/A 13. Yes No N/A 14. Yes X No N/A 15. Yes No N/A	Completed pH checks on preserved samples? (no VOAs) Did any samples need to be preserved in the lab? All bottles intact Appropriate analytical bottles are used Merit bottles used	Trizma bottles submitted
10. X Yes No N/A 11. Yes No X /A 12. Yes No N/A Bottle Conditions N/A N/A 13. X Yes No N/A 14. Yes X No N/A 15. X Yes No N/A 16. X Yes No N/A	Completed pH checks on preserved samples? (no VOAs) Did any samples need to be preserved in the lab? All bottles intact Appropriate analytical bottles are used Merit bottles used Sufficient sample volume received	Trizma bottles submitted

Corrective action for all exceptions is to call the client and to notify the project manager.

SUBCONTRACT ORDER Transfer Chain of Custody

PDC Laboratories, Inc.

EF03959

SENDING LABORATORY

PDC Laboratories, Inc. 2231 W Altorfer Dr Peoria, IL 61615 (800) 752-6651

RECEIVING LABORATORY

Merit Laboratories, Inc. 2680 East Lansing Dr. East Lansing, MI 48823 (517) 332-0167

Sample: EF03959-01 Name: CHEMTOOL SID #	2 FRACK TANK		Sampled: 06/17/21 13:05 Matrix: Waste Water Preservative: *** DEFAULT PRESEF
Analysis	Due	Expires	Comments
01-M537	06/21/21 16:00	07/01/21 13:05	
Sample: EF03959-02 Name: Trip Blank			Sampled: 06/17/21 00:00 Matrix: Waste Water Preservative: *** DEFAULT PRESEF
Analysis	Due	Expires	Comments
01-M537	06/21/21 16:00	07/01/21 00:00	

Please email results to Lisa Grant at Igrant@p	odclab.com	Lec
Date Shipped: <u>6/8/2/</u> Total # of Containers: <u>4</u> Sample Origin	(State): <u>1</u> PO #:	
Turn-Around Time Requested NORMAL RUSH Date Res	sults Needed: <u>34hr</u>	
Alter 18/2/200 M. Ah ad 19/21 @	Sample Temperature Upon Receipt Sample(s) Received on Ice	°C Y or N
Refinquished By Date/Time Received By Date/Time	Proper Bottles Received in Good Condition Bottles Filled with Adequate Volume	on YorN YorN
Relinquished By Date/Time Received By Date/Time Received By Date/Time	Samples Received Within Hold Time Date/Time Taken From Sample Bottle	Y or N Y or N

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RUNAS

JC. 15742;



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WWW.PDCLAB.COM	

CONTRACTOR (UNCLE).	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED_

	ALL HI	GHLIGHTED AR	EAS <u>MUST</u>	BE COM	PLETED BY	CLIENT (PLE	ASE PRINT)							
1 CLIENT TFPA-DPLIS	PROJECT	NUMBER	PRO	JECT LOC	ATION	PURCHASI	E ORDER #	3	ANAL	YSIS REC	UESTED		(FOR LAB USE	ONLY)
ADDRESS ADDRESS	PHONE	NUMBER		E-MAIL		DATE S	HIPPED			Τ			LOGIN # EFOS	159-0
СПТУ	SAMPLER					MATRIX	TYPES							<u> </u>
ZIP	(PLEASE PRINT	Γ)				WW- WASTEWAT DW- DRINKING W GW- GROUND W	ER /ATER						PROJECT:	
CONTACT PERSON	SAMPLER'S SIGNATURE					NAS- NON AQUE							PROJ. MGR.:	
					-	OIL-OIL SO-SOIL SOL-SOLID								
2 (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	GRAB	COMP	MATRIX	BOTTLE COUNT	PRES CODE CLIENT PROVIDED						REMARKS	
Chentel > SD PI	6-17-21	12.30=	К			72-9								
RIVER Sp. 1 Site												-		
42.472521, 89.067064		6.2												
Chem tool 510 22 frock tout	6-17-21	BUSP	×			4				_				
chanton SID B. Trench 2	6.17-21	1345	×			Υ'								
Grental EID B. ZUNDA	6172	14 00	×			9								
Cheviter SID A Rock King upstree	n G 17.2	1210	x			$\frac{y}{y}$								
from tect SID CS Rect King	6-17.2	1229	X			7				_				
chented SD CI Ruchermon	6-17 21	1620	X			4				_				
Chentool SID C & Kever Hur	0-17-21	1690	X			9				_				
CHEMICAL PRESERVATION CODES: 1-HCL 2-H2SO4 3	-HNO3 4-NAG	DH 5-NA	25203	6 – UNP	RESERVED	7-'OTHER	T							
	MAL RUSH		DATE RES		\square	Lundonston		N						
(RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE			NEEDE	.0	6	not meet all	sample confo	rmance	reauiren	ients as d	defined in	the rece	ceed with analysis, even the iving facility's Sample Accurate table to report to all regula	entance
EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABO	VE:			_			WITH ANALYS							
TRELINGUISHED BY: (SIGNATURE)	118121	RECEIVE	ED BY: (SIG	NATURE)			DATE			8	CON	MENTS:	(FOR LAB USE ONLY)	
RELINQUISHED BY: (SIGNATURE) DATE		RECEIVE	ED BY: (SIG	NATURE)			DATE			SAMPLE		RATURE	UPON RECEIPT	1.3%
			D DV (0)-				TIME	,,		CHILL P	ROCESS		D PRIOR TO RECEIPT	OR N YOR N
RELINQUISHED BY: (SIGNATURE) DATE			ED BY: (SIG	NATURE)	. /			181	21	SAMPLE	ACCEP	TANCE N	ONCONFORMANT	YORN
	+t	\mathcal{I}	-0	U				50	8	DATE A	ND TIME	TAKEN F	ROM SAMPLE BOTTLE	

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