

## LABORATORY REPORT

If you have any questions concerning this report, please do not hesitate to call us at (800) 332-4345 or (574) 233-4777.

*This report may not be reproduced, except in full, without written approval from EEA.*

### STATE CERTIFICATION LIST

State	Certification	State	Certification
Alabama	40700	Missouri	880
Alaska	IN00035	Montana	CERT0026
Arizona	AZ0432	Nebraska	NE-OS-05-04
Arkansas	IN00035	Nevada	IN00035
California	2920	New Hampshire*	2124
Colorado	IN00035	New Jersey*	IN598
Colorado Radiochemistry	IN00035	New Mexico	IN00035
Connecticut	PH-0132	New York*	11398
Delaware	IN035	North Carolina	18700
Florida*	E87775	North Dakota	R-035
Georgia	929	Ohio	87775
Hawaii	IN035	Oklahoma	D9508
Idaho	IN00035	Oregon (Primary AB)*	4074
Illinois*	200001	Pennsylvania*	68-00466
Illinois Microbiology	17767	Puerto Rico	IN00035
Illinois Radiochemistry	IN00035	Rhode Island	LAO00343
Indiana Chemistry	C-71-01	South Carolina	95005
Indiana Microbiology	M-76-07	South Dakota	IN00035
Iowa	098	Tennessee	TN02973
Kansas*	E-10233	Texas*	T104704187-18-12
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA014	Utah*	IN00035
Maine	IN00035	Vermont	VT-8775
Maryland	209	Virginia*	460275
Massachusetts	M-IN035	Washington	C837
Michigan	9926	West Virginia	9927 C
Minnesota*	018-999-338	Wisconsin	999766900
Mississippi	IN035	Wyoming	IN035
EPA	IN00035		

\*NELAP/TNI Recognized Accreditation Bodies



Eaton Analytical

110 South Hill Street  
South Bend, IN 46617  
Tel: (574) 233-4777  
Fax: (574) 233-8207  
1 800 332 4345

### Laboratory Report

Client: USAF  
Attn: Maj Shon Neal  
18 AMDS/SGPN, Unit 5213  
Bldg. 853  
Kadena AFB, Okinawa 904-0203

Report: 486921  
Priority: Standard Written  
Status: Final  
PWS ID: AK2372245  
Alaska Lab ID # IN00035

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4636262	GP2022 Birch Lake Well	537.1	05/26/20 08:47	Client	05/28/20 09:30
4636264	GP2024 Birch Lake well	353.2	05/26/20 08:44	Client	05/28/20 09:30
4636263	GP2023 Birch Lake Field Blank	537.1	05/26/20 08:45	Client	05/28/20 09:30

### Report Summary

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Traci Chlebowski at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from EEA.

*Traci Chlebowski* ASM

Authorized Signature

Title

06/10/2020

Date

Client Name: USAF

Report #: 486921

Sampling Point: GP2022 Birch Lake Well

PWS ID: AK2372245

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
---	Nitrate+Nitrite	353.2	10 *	0.1	< 0.1	mg/L	---	06/08/20 12:01	4636264

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
335-67-1	Perfluorooctanoic acid (PFOA)	537.1	---	2.0	170	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	537.1	---	2.0	< 2.0	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537.1	---	2.0	6.7	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
375-85-9	Perfluoroheptanoic acid (PFHpA)	537.1	---	2.0	2.7	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537.1	---	2.0	100	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
375-95-1	Perfluorononanoic acid (PFNA)	537.1	---	2.0	< 2.0	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
335-76-2	Perfluorodecanoic acid (PFDA) §	537.1	---	2.0	< 2.0	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
307-24-4	Perfluorohexanoic acid (PFHxA) §	537.1	---	2.0	17	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
307-55-1	Perfluorododecanoic acid (PFDoA) §	537.1	---	2.0	< 2.0	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
72629-94-8	Perfluorotridecanoic acid (PFTrDA) §	537.1	---	2.0	< 2.0	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
2058-94-8	Perfluoroundecanoic acid (PFUnA) §	537.1	---	2.0	< 2.0	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid §	537.1	---	2.0	< 2.0	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid §	537.1	---	2.0	< 2.0	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
13252-13-6	HFPO-DA/GenX §	537.1	---	2.0	< 2.0	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
919005-14-4	ADONA §	537.1	---	2.0	< 2.0	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
756426-58-1	9Cl-PF3ONS/F-53B Major §	537.1	---	2.0	< 2.0	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
763051-92-9	11Cl-PF3OUdS/F-53B Minor §	537.1	---	2.0	< 2.0	ng/L	06/05/20 08:15	06/05/20 20:46	4636262
376-06-7	Perfluorotetradecanoic acid (PFTeDA) §	537.1	---	2.0	< 2.0	ng/L	06/05/20 08:15	06/05/20 20:46	4636262

§ The state of origin does not offer certification for this parameter.

Sampling Point: GP2023 Birch Lake Field Blank

PWS ID: AK2372245

EEA Methods									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	EEA ID #
335-67-1	Perfluorooctanoic acid (PFOA)	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
375-73-5	Perfluorobutanesulfonic acid (PFBS)	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
375-85-9	Perfluoroheptanoic acid (PFHpA)	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
375-95-1	Perfluorononanoic acid (PFNA)	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
335-76-2	Perfluorodecanoic acid (PFDA) §	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
307-24-4	Perfluorohexanoic acid (PFHxA) §	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
307-55-1	Perfluorododecanoic acid (PFDoA) §	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
72629-94-8	Perfluorotridecanoic acid (PFTTrDA) §	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
2058-94-8	Perfluoroundecanoic acid (PFUnA) §	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
2991-50-6	N-ethyl Perfluorooctanesulfonamidoacetic acid §	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
2355-31-9	N-methyl Perfluorooctanesulfonamidoacetic acid §	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
13252-13-6	HFPO-DA/GenX §	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
919005-14-4	ADONA §	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
756426-58-1	9Cl-PF3ONS/F-53B Major §	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
763051-92-9	11Cl-PF3OUdS/F-53B Minor §	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263
376-06-7	Perfluorotetradecanoic acid (PFTeDA) §	537.1	---	2.0	< 2.0	ng/L	06/08/20 08:15	06/08/20 20:37	4636263

§ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

Reg Limit Type:	MCL	SMCL	AL
Symbol:	*	^	!

### STATE CERTIFICATION LIST

State	Certification	State	Certification
Alabama	40700	Missouri	880
Alaska	IN00035	Montana	CERT0026
Arizona	AZ0432	Nebraska	NE-OS-05-04
Arkansas	IN00035	Nevada	IN00035
California	2920	New Hampshire*	2124
Colorado	IN00035	New Jersey*	IN598
Colorado Radiochemistry	IN00035	New Mexico	IN00035
Connecticut	PH-0132	New York*	11398
Delaware	IN035	North Carolina	18700
Florida*	E87775	North Dakota	R-035
Georgia	929	Ohio	87775
Hawaii	IN035	Oklahoma	D9508
Idaho	IN00035	Oregon (Primary AB)*	4074
Illinois*	200001	Pennsylvania*	68-00466
Illinois Microbiology	17767	Puerto Rico	IN00035
Illinois Radiochemistry	IN00035	Rhode Island	LAO00343
Indiana Chemistry	C-71-01	South Carolina	95005
Indiana Microbiology	M-76-07	South Dakota	IN00035
Iowa	098	Tennessee	TN02973
Kansas*	E-10233	Texas*	T104704187-18-12
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA014	Utah*	IN00035
Maine	IN00035	Vermont	VT-8775
Maryland	209	Virginia*	460275
Massachusetts	M-IN035	Washington	C837
Michigan	9926	West Virginia	9927 C
Minnesota*	018-999-338	Wisconsin	999766900
Mississippi	IN035	Wyoming	IN035
EPA	IN00035		

\*NELAP/TNI Recognized Accreditation Bodies





Eaton Analytical

110 S. Hill Street  
South Bend, IN 46617  
T: 1.800.332.4345  
F: 1.574.233.8207

398642  
Order # 486921  
Batch #

Shaded area for EEA use only

### CHAIN OF CUSTODY RECORD

Page 1 of 1

LAB Number	COLLECTION		DATE	TIME	AM	PM	SAMPLER (Signature)	COMPLIANCE MONITORING		STATE (sample origin)	PROJECT NAME	CHLORINATED		# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
	DATE	TIME						Yes	No			YES	NO			
1		0830	5-27-20	0830			Kathleen Lelavier			Alaska	USAF-EC20-264			2	DW	SW
2		1101												1	RW	SW
3		0847												2	DW	SW
4		0845												1	RW	SW
5		0844												1	DW	SW
6		1027												2	DW	SW
7		1025												1	RV	SW
8		1024												1	DW	SW
9		0945												2	DW	SW
10		0940												1	RW	SW
11		1002												2	DW	SW
12		1000												1	RW	SW
13																
14																

  

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)	DATE	TIME	LAB COMMENTS
<i>Kathleen Lelavier</i>	5-27-20	0830				Nitrate dm 5/28/2020

  

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY	DATE	TIME	CONDITIONS UPON RECEIPT (check one)
			<i>DMartis</i>	5/26/2020	0930	ice/Water/Blue Ambient 2.2 °C Upon Receipt N/A

  

MATRIX CODES:	TURN-AROUND TIME (TAT) - SURCHARGES
DW-DRINKING WATER	SW = Standard Written (15 working days) 0%
RW-REAGENT WATER	RV = Rush Written (5 working days) 50%
GW-GROUND WATER	RW* = Rush Written (5 working days) 75%
EW-EXPOSURE WATER	
SW-SURFACE WATER	
PW-POOL WATER	
WW-WASTE WATER	

\* Please call, expedited service not available for all testing

Sample analysis will be provided according to the standard EEA/Water Services Terms, which are available upon request. Any other terms proposed by Customer are deemed material alterations and are rejected unless expressly agreed to in writing by EEA.