

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: TOWN OF COUPEVILLE
Address: P.O. BOX 725
COUPEVILLE, WA 98239
Attn: MOLLY HUGHES

Batch #: 161114025
Project Name: DW 537 TESTING

Analytical Results Report

Sample Number	161114025-001	Sampling Date	11/10/2016	Date/Time Received	11/11/2016 11:08 AM
Client Sample ID	COCPCFC01	Sampling Time	10:40 AM	Extraction Date	11/18/2016
Matrix	Drinking Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Perfluorobutanesulfonic acid - PFBS	ND	ug/L	0.09	11/28/2016	TGT	EPA 537	
Perfluoroheptanoic acid - PFHpA	0.00923	ug/L	0.01	11/28/2016	TGT	EPA 537	J
Perfluorohexanesulfonic acid - PFHxS	0.0465	ug/L	0.03	11/28/2016	TGT	EPA 537	
Perfluorononanoic acid - PFNA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	
Perfluorooctanesulfonic acid - PFOS	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorooctanoic acid - PFOA	0.0622	ug/L	0.02	11/28/2016	TGT	EPA 537	

Surrogate Data

Sample Number	161114025-001			
Surrogate Standard		Method	Percent Recovery	Control Limits
13C-PFDA		EPA 537	100.6	70-130
13C-PFHxA		EPA 537	95.1	70-130

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Project Name: DW 537 TESTING

Analytical Results Report

Sample Number 161114025-002 **Sampling Date** 11/10/2016 **Date/Time Received** 11/11/2016 11:08 AM
Client Sample ID COCPFC02 **Sampling Time** 11:00 AM **Extraction Date** 11/18/2016
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Perfluorobutanesulfonic acid - PFBS	ND	ug/L	0.09	11/28/2016	TGT	EPA 537	
Perfluoroheptanoic acid - PFHpA	0.00801	ug/L	0.01	11/28/2016	TGT	EPA 537	J
Perfluorohexanesulfonic acid - PFHxS	0.0367	ug/L	0.03	11/28/2016	TGT	EPA 537	
Perfluorononanoic acid - PFNA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	
Perfluorooctanesulfonic acid - PFOS	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorooctanoic acid - PFOA	0.0558	ug/L	0.02	11/28/2016	TGT	EPA 537	

Surrogate Data

Sample Number	Surrogate Standard	Method	Percent Recovery	Control Limits
161114025-002	13C-PFDA	EPA 537	94.9	70-130
	13C-PFHxA	EPA 537	98.0	70-130

Sample Number 161114025-003 **Sampling Date** 11/10/2016 **Date/Time Received** 11/11/2016 11:08 AM
Client Sample ID COCPFC03 **Sampling Time** 10:40 AM **Extraction Date** 11/18/2016
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Perfluorobutanesulfonic acid - PFBS	ND	ug/L	0.09	11/28/2016	TGT	EPA 537	
Perfluoroheptanoic acid - PFHpA	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorohexanesulfonic acid - PFHxS	ND	ug/L	0.03	11/28/2016	TGT	EPA 537	
Perfluorononanoic acid - PFNA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	
Perfluorooctanesulfonic acid - PFOS	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorooctanoic acid - PFOA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	

Surrogate Data

Sample Number	Surrogate Standard	Method	Percent Recovery	Control Limits
161114025-003	13C-PFDA	EPA 537	87.5	70-130
	13C-PFHxA	EPA 537	88.4	70-130

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; NV:ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Batch #: 161114025
Project Name: DW 537 TESTING

Analytical Results Report

Sample Number 161114025-004 **Sampling Date** 11/10/2016 **Date/Time Received** 11/11/2016 11:08 AM
Client Sample ID COCPFC04 **Sampling Time** 11:25 AM **Extraction Date** 11/18/2016
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Perfluorobutanesulfonic acid - PFBS	ND	ug/L	0.09	11/28/2016	TGT	EPA 537	
Perfluoroheptanoic acid - PFHpA	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorohexanesulfonic acid - PFHxS	ND	ug/L	0.03	11/28/2016	TGT	EPA 537	
Perfluorononanoic acid - PFNA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	
Perfluorooctanesulfonic acid - PFOS	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorooctanoic acid - PFOA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	

Surrogate Data

Sample Number	Surrogate Standard	Method	Percent Recovery	Control Limits
161114025-004	13C-PFDA	EPA 537	91.6	70-130
	13C-PFHxA	EPA 537	91.0	70-130

Sample Number 161114025-005 **Sampling Date** 11/10/2016 **Date/Time Received** 11/11/2016 11:08 AM
Client Sample ID COCPFC05 **Sampling Time** 11:50 AM **Extraction Date** 11/18/2016
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Perfluorobutanesulfonic acid - PFBS	ND	ug/L	0.09	11/28/2016	TGT	EPA 537	
Perfluoroheptanoic acid - PFHpA	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorohexanesulfonic acid - PFHxS	ND	ug/L	0.03	11/28/2016	TGT	EPA 537	
Perfluorononanoic acid - PFNA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	
Perfluorooctanesulfonic acid - PFOS	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorooctanoic acid - PFOA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	

Surrogate Data

Sample Number	Surrogate Standard	Method	Percent Recovery	Control Limits
161114025-005	13C-PFDA	EPA 537	83.9	70-130
	13C-PFHxA	EPA 537	88.6	70-130

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Analytical Results Report

Sample Number 161114025-006 **Sampling Date** 11/10/2016 **Date/Time Received** 11/11/2016 11:08 AM
Client Sample ID COCPFC06/07 **Sampling Time** 12:15 PM **Extraction Date** 11/18/2016
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Perfluorobutanesulfonic acid - PFBS	ND	ug/L	0.09	11/28/2016	TGT	EPA 537	
Perfluoroheptanoic acid - PFHpA	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorohexanesulfonic acid - PFHxS	0.0184	ug/L	0.03	11/28/2016	TGT	EPA 537	J
Perfluorononanoic acid - PFNA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	
Perfluorooctanesulfonic acid - PFOS	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorooctanoic acid - PFOA	0.0270	ug/L	0.02	11/28/2016	TGT	EPA 537	

Surrogate Data

Sample Number	Surrogate Standard	Method	Percent Recovery	Control Limits
161114025-006	13C-PFDA	EPA 537	84.4	70-130
	13C-PFHxA	EPA 537	82.1	70-130

Sample Number 161114025-007 **Sampling Date** 11/10/2016 **Date/Time Received** 11/11/2016 11:08 AM
Client Sample ID COCPFC08 **Sampling Time** 12:16 PM **Extraction Date** 11/18/2016
Matrix Drinking Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Perfluorobutanesulfonic acid - PFBS	ND	ug/L	0.09	11/28/2016	TGT	EPA 537	
Perfluoroheptanoic acid - PFHpA	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorohexanesulfonic acid - PFHxS	ND	ug/L	0.03	11/28/2016	TGT	EPA 537	
Perfluorononanoic acid - PFNA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	
Perfluorooctanesulfonic acid - PFOS	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorooctanoic acid - PFOA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	

Surrogate Data

Sample Number	Surrogate Standard	Method	Percent Recovery	Control Limits
161114025-007	13C-PFDA	EPA 537	93.8	70-130
	13C-PFHxA	EPA 537	89.4	70-130

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT: Cert0095; FL(NELAP): E871099

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Batch #: 161114025
Project Name: DW 537 TESTING

Analytical Results Report

Sample Number	161114025-008	Sampling Date	11/10/2016	Date/Time Received	11/11/2016 11:08 AM		
Client Sample ID	COCPFC09	Sampling Time	12:30 PM	Extraction Date	11/18/2016		
Matrix	Drinking Water	Sample Location					
Comments							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Perfluorobutanesulfonic acid - PFBS	ND	ug/L	0.09	11/28/2016	TGT	EPA 537	
Perfluoroheptanoic acid - PFHpA	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorohexanesulfonic acid - PFHxS	0.0205	ug/L	0.03	11/28/2016	TGT	EPA 537	J
Perfluorononanoic acid - PFNA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	
Perfluorooctanesulfonic acid - PFOS	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorooctanoic acid - PFOA	0.0246	ug/L	0.02	11/28/2016	TGT	EPA 537	

Surrogate Data

Sample Number	161114025-008				
Surrogate Standard	Method	Percent Recovery	Control Limits		
13C-PFDA	EPA 537	85.5	70-130		
13C-PFHxA	EPA 537	88.9	70-130		

Sample Number	161114025-009	Sampling Date	11/10/2016	Date/Time Received	11/11/2016 11:08 AM		
Client Sample ID	COCPFC10	Sampling Time	12:45 PM	Extraction Date	11/18/2016		
Matrix	Drinking Water	Sample Location					
Comments							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Perfluorobutanesulfonic acid - PFBS	ND	ug/L	0.09	11/28/2016	TGT	EPA 537	
Perfluoroheptanoic acid - PFHpA	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorohexanesulfonic acid - PFHxS	ND	ug/L	0.03	11/28/2016	TGT	EPA 537	
Perfluorononanoic acid - PFNA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	
Perfluorooctanesulfonic acid - PFOS	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorooctanoic acid - PFOA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	

Surrogate Data

Sample Number	161114025-009				
Surrogate Standard	Method	Percent Recovery	Control Limits		
13C-PFDA	EPA 537	91.4	70-130		
13C-PFHxA	EPA 537	90.8	70-130		

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Batch #: 161114025
Project Name: DW 537 TESTING

Analytical Results Report

Sample Number	161114025-010	Sampling Date	11/10/2016	Date/Time Received	11/11/2016 11:08 AM
Client Sample ID	COCPCFC00	Sampling Time	10:00 AM	Extraction Date	11/18/2016
Matrix	Drinking Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Perfluorobutanesulfonic acid - PFBS	ND	ug/L	0.09	11/28/2016	TGT	EPA 537	
Perfluoroheptanoic acid - PFHpA	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorohexanesulfonic acid - PFHxS	ND	ug/L	0.03	11/28/2016	TGT	EPA 537	
Perfluorononanoic acid - PFNA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	
Perfluorooctanesulfonic acid - PFOS	ND	ug/L	0.01	11/28/2016	TGT	EPA 537	
Perfluorooctanoic acid - PFOA	ND	ug/L	0.02	11/28/2016	TGT	EPA 537	

Surrogate Data

Sample Number	161114025-010			
Surrogate Standard		Method	Percent Recovery	Control Limits
13C-PFDA		EPA 537	82.8	70-130
13C-PFHxA		EPA 537	80.0	70-130

Authorized Signature


Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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