

# 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

## Inorganic Chemicals (IOC's) Analysis Report

System ID#:	384004	System Name:	CITY OF KETTLE FALLS		
Lab/Sample Number:	112 76062	Collect Date:	7/11/2016	DOH Source #:	S05
Multiple Source Nos:		Sample Type:		Sample Purpose:	C
Date Received:	7/12/2016	Date Reported:	8/2/2016	Supervisor:	KAS
Date Analyzed:	7/18/2016				
County:	STEVENS	Sample Location:	S05		
Report To:	Address:	P O BOX 457			
	City, State, ZIP	KETTLE FALLS, WA 99141			
	Phone Number:	(509)738-6821			

### EPA Regulated

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0116	Cyanide	<0.05	mg/L	0.05	0.2	0.2	SM4500CNF	RAW	
0019	Fluoride	ND	mg/L	0.2	2	4	EPA 300.0	MJL	
0114	Nitrite-N	ND	mg/L	0.1	0.5	1	EPA 300.0	MJL	
0020	Nitrate-N	0.551	mg/L	0.5	5	10	EPA 300.0	MJL	
0161	Total Nitrate/Nitrite-N	0.551	mg/L	0.5	5	10	EPA 300.0	MJL	

### EPA Regulated (Secondary)

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0021	Chloride	3.90	mg/L	20		250	EPA 300.0	MJL	
0022	Sulfate	18.7	mg/L	50		250	EPA 300.0	MJL	

### State Regulated

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0015	Hardness(CaCO <sub>3</sub> )	191	mg/L	10			SM2340C	NDB	
0016	Conductivity	371	µmhos/cm	70		700	SM 2510B	JAO	
0018	Color	<5 @ 7.20	Color Units	15		15	SM 2120B	JAO	
0026	Total Dissolved Solids	222	mg/L	100		500	SM 2540C	KEB	

**Comments:** FE/NA SUBCONTRACTED TO ANATEK-MOSCOW

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

Anatek File # 160712033-001

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Lab/Sample Number:	112 76062	Collect Date:	7/11/2016	DOH Source #:	S05
Multiple Source Nos:		Sample Type:		Sample Purpose:	C
Date Received:	7/12/2016	Date Reported:	7/26/2016	Supervisor:	KAS
Date Analyzed:	7/20/2016				
County:	STEVENS	Sample Location:	S05		
Report To:	Address:	P O BOX 457			
	City, State, ZIP	KETTLE FALLS, WA 99141			
	Phone Number:	(509)738-6821			

### EPA Regulated

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0004	Arsenic	ND	mg/L	0.001	0.01	0.01	EPA 200.8	HSW	
0005	Barium	0.0607	mg/L	0.1	2	2	EPA 200.8	HSW	
0006	Cadmium	ND	mg/L	0.001	0.005	0.005	EPA 200.8	HSW	
0007	Chromium	0.00196	mg/L	0.007	0.1	0.1	EPA 200.8	HSW	
0011	Mercury	ND	mg/L	0.0002	0.002	0.002	EPA 200.8	HSW	
0012	Selenium	ND	mg/L	0.002	0.05	0.05	EPA 200.8	HSW	
0110	Beryllium	ND	mg/L	0.0003	0.004	0.004	EPA 200.8	HSW	
0111	Nickel	0.00140	mg/L	0.005			EPA 200.8	HSW	
0112	Antimony	ND	mg/L	0.003	0.006	0.006	EPA 200.8	HSW	
0113	Thallium	ND	mg/L	0.001	0.002	0.002	EPA 200.8	HSW	

### EPA Regulated (Secondary)

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0008	Iron	0.0209	mg/L	0.1		0.3	EPA 200.7	HSW	
0010	Manganese	ND	mg/L	0.01		0.05	EPA 200.8	HSW	
0013	Silver	ND	mg/L	0.1		0.1	EPA 200.8	HSW	
0024	Zinc	0.00948	mg/L	0.2		5	EPA 200.8	HSW	

### State Regulated

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0014	Sodium	6.73	mg/L	5			EPA 200.7	HSW	

### State Unregulated

DOH #	Analyte	Result	Units	SRL	Trigger	MCL	Method	Analyst	Qualifier
0009	Lead	ND	mg/L	0.001		0.015	EPA 200.8	HSW	
0023	Copper	0.0127	mg/L	0.02	--	1.3	EPA 200.8	HSW	

Comments: FE/NA SUBCONTRACTED TO ANATEK-MOSCOW

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ND = Not Detected at levels above the SRL  
Numerical Entry = Detection at level indicated  
SRL - Minimum reporting level for Washington DOH  
MCL - EPA maximum contaminant level  
Trigger - Washington DOH response level. If results exceed this level, contact the DOH  
H1 Sample analysis performed past holding time.

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.

Lab Supervisor: \_\_\_\_\_

*Kathleen A. Sattler*

Date: 8/2/2016

**Comments:** FE/NA SUBCONTRACTED TO ANATEK-MOSCOW

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