

# Chemtech-Ford Laboratories

*Serving the Intermountain West since 1953*



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Date: 01/04/08

**Aqua Environmental 18143**  
**attn: Larry Hall**  
**89 W. Monarch**  
**Bountiful, UT 84010**

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This is the final report for project: 88344

Individual pages or sections of this report may not be separated when using the information for regulatory compliance.

The analyses presented on this report were performed in accordance with National Environmental Laboratory Accreditation Program (NELAP), Section 5.13.

Please feel free to contact us at (801) 262-7299 or (801) 262-7378 (fax) if you have questions or comments regarding this report. Our web site is located at [www.chemtechford.com](http://www.chemtechford.com).

**Dave Gayer**

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**Linda Daniels**

Customer Representative  
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Approved By: \_\_\_\_\_

Dave Gayer, Laboratory Director



# Chemtech-Ford Laboratories

## Certificate of Analysis

Lab No.: 07 15359  
Lab Group No.: 88344

<b>Name:</b>	Aqua Environmental 18143	<b>Sample Date:</b>	12/21/2007 9:00 AM
<b>Sample Site:</b>	394 Middle Oak Ln	<b>Receipt Date:</b>	12/28/2007 2:45 PM
<b>Sample ID:</b>	07 15359	<b>Sampler:</b>	CLIENT
<b>System No:</b>	18143	<b>Sample Source:</b>	
<b>Sample Type:</b>	Drinking Water	<b>Project:</b>	EID Oaks

Parameter	Sample Result	Minimum Reporting Limit	Units	Method	Analysis Date	Analysis Time	Analyst Initials	Flag
<b>Group B - Metals</b>								
Copper, Total, ICP/MS	0.197	0.001	mg/L	EPA 200.8	1/3/2007	15:48	MJB	
Lead, Total, ICP/MS	0.0007	0.0005	mg/L	EPA 200.8	1/3/2007	15:48	MJB	

### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.  
 1 mg/L = one milligram per liter = 1 part per million.  
 1 ug/L = one microgram per liter = 1 part per billion.

### Flag Descriptions

APH = The test was performed past the EPA specified holding time.  
 H = A high bias is suspected.  
 I = The analysis experienced a matrix interference which may have affected the results.  
 J = The result is positive and estimated. The result falls between the Minimum Reporting Limit and the Method Detection Limit.  
 L = A low bias is suspected.  
 O = The analysis was performed by an outside contract laboratory.  
 R = The value represents a reanalysis.  
 SPH = The sample was submitted for analysis past the EPA specified holding time.



# Chemtech-Ford Laboratories

## Certificate of Analysis

Lab No.: 07 15360  
Lab Group No.: 88344

<b>Name:</b>	Aqua Environmental 18143	<b>Sample Date:</b>	12/21/2007 7:06 AM
<b>Sample Site:</b>	5330 Pioneer Fork Road	<b>Receipt Date:</b>	12/28/2007 2:45 PM
<b>Sample ID:</b>	07 15360	<b>Sampler:</b>	CLIENT
<b>System No:</b>	18143	<b>Sample Source:</b>	
<b>Sample Type:</b>	Drinking Water	<b>Project:</b>	EID Oaks

Parameter	Sample Result	Minimum Reporting Limit	Units	Method	Analysis Date	Analysis Time	Analyst Initials	Flag
<b>Group B - Metals</b>								
Copper, Total, ICP/MS	0.117	0.001	mg/L	EPA 200.8	1/3/2007	15:48	MJB	
Lead, Total, ICP/MS	ND	0.0005	mg/L	EPA 200.8	1/3/2007	15:48	MJB	

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 R = The value represents a reanalysis.  
 SPH = The sample was submitted for analysis past the EPA specified holding time.



# Chemtech-Ford Laboratories

## Certificate of Analysis

Lab No.: 07 15361  
Lab Group No.: 88344

<b>Name:</b>	Aqua Environmental 18143	<b>Sample Date:</b>	12/18/2007 2:30 AM
<b>Sample Site:</b>	715 Freeze Creek	<b>Receipt Date:</b>	12/28/2007 2:45 PM
<b>Sample ID:</b>	07 15361	<b>Sampler:</b>	CLIENT
<b>System No:</b>	18143	<b>Sample Source:</b>	
<b>Sample Type:</b>	Drinking Water	<b>Project:</b>	EID Oaks

Parameter	Sample Result	Minimum Reporting Limit	Units	Method	Analysis Date	Analysis Time	Analyst Initials	Flag
<b>Group B - Metals</b>								
Copper, Total, ICP/MS	0.254	0.001	mg/L	EPA 200.8	1/3/2007	15:48	MJB	
Lead, Total, ICP/MS	0.0011	0.0005	mg/L	EPA 200.8	1/3/2007	15:48	MJB	

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 O = The analysis was performed by an outside contract laboratory.  
 R = The value represents a reanalysis.  
 SPH = The sample was submitted for analysis past the EPA specified holding time.



# Chemtech-Ford Laboratories

## Certificate of Analysis

Lab No.: 07 15362  
Lab Group No.: 88344

<b>Name:</b>	Aqua Environmental 18143	<b>Sample Date:</b>	12/19/2007 10:00 AM
<b>Sample Site:</b>	6138 Pioneer Fork Road	<b>Receipt Date:</b>	12/28/2007 2:45 PM
<b>Sample ID:</b>	07 15362	<b>Sampler:</b>	CLIENT
<b>System No:</b>	18143	<b>Sample Source:</b>	
<b>Sample Type:</b>	Drinking Water	<b>Project:</b>	EID Oaks

Parameter	Sample Result	Minimum Reporting Limit	Units	Method	Analysis Date	Analysis Time	Analyst Initials	Flag
<b>Group B - Metals</b>								
Copper, Total, ICP/MS	0.323	0.001	mg/L	EPA 200.8	1/3/2007	15:48	MJB	
Lead, Total, ICP/MS	0.0019	0.0005	mg/L	EPA 200.8	1/3/2007	15:48	MJB	

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### Flag Descriptions

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 J = The result is positive and estimated. The result falls between the Minimum Reporting Limit and the Method Detection Limit.  
 L = A low bias is suspected.  
 O = The analysis was performed by an outside contract laboratory.  
 R = The value represents a reanalysis.  
 SPH = The sample was submitted for analysis past the EPA specified holding time.



# Chemtech-Ford Laboratories

## Certificate of Analysis

Lab No.: 07 15363  
Lab Group No.: 88344

<i>Name:</i>	Aqua Environmental 18143	<i>Sample Date:</i>	12/19/2007 7:10 AM
<i>Sample Site:</i>	6162 Last Camp Circle	<i>Receipt Date:</i>	12/28/2007 2:45 PM
<i>Sample ID:</i>	07 15363	<i>Sampler:</i>	CLIENT
<i>System No:</i>	18143	<i>Sample Source:</i>	
<i>Sample Type:</i>	Drinking Water	<i>Project:</i>	EID Oaks

Parameter	Sample Result	Minimum Reporting Limit	Units	Method	Analysis Date	Analysis Time	Analyst Initials	Flag
<b>Group B - Metals</b>								
Copper, Total, ICP/MS	0.215	0.001	mg/L	EPA 200.8	1/3/2007	15:48	MJB	
Lead, Total, ICP/MS	ND	0.0005	mg/L	EPA 200.8	1/3/2007	15:48	MJB	

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 R = The value represents a reanalysis.  
 SPH = The sample was submitted for analysis past the EPA specified holding time.

# CHEMTECH - FORD ANALYTICAL LABORATORY

# CHAIN OF CUSTODY

COMPANY: Aqua Environmental  
 ADDRESS: 89 W Monarch Dr.  
 CITY/STATE/ZIP: Bountiful UT 84010  
 PHONE #: 801-209-6382 FAX: \_\_\_\_\_  
 CONTACT: Larry Hall PROJECT: EFD Oaks  
 E-MAIL: larryh@aquaeng.com SYSTEM #: 18143

BILLING ADDRESS: Same  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 TURNAROUND REQUIRED: \*  
 \* Expedited turnaround subject to additional charge

Mark 'X' here if you want a copy sent to DEQ Division of Drinking Water.

LAB ID#	SAMPLE LOCATION	SAMPLE DATE	SAMPLE TIME	Number of Containers	MATRIX						ANALYTICAL TESTS REQUESTED															
					Drinking Water	Waste Water	Ground Water	Other Solid	Sludge [Solid]	Sludge [Liquid]	Oil	Solvent	Other: [specify]													
15359	1. 394 Middle Oak Ln.	12/21/07	09:00	1	X																					
15360	2. 5330 Pioneer Fork Rd	12/21/07	7:06	1	X																					
15361	3. 715 Freeze Creek	12/18/07	2:30	1	X																					
15362	4. 6138 Pioneer Fork Rd	12/19/07	10:00	1	X																					
15363	5. 6162 Last Camp Cir	12/19/07	0710	1	X																					
6.																										
7.																										
8.																										
9.																										
10.																										
Sampled by: [print] <u>Homeowners</u>				Sampled by: [signature]											ON ICE						NOT ON ICE					

Special Instructions:

Relinquished by: [signature] <u>Larry Hall</u>	Date/Time <u>12/28/07 1445</u>	Received by: [signature] <u>Cheryl Davis</u>	Date/Time <u>12-28-07 1445</u>
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time

CHEMTECH-FORD 6100 South Stratler Ave. (380 West) Murray, UT 84107 Phone: 801-262-7299 FAX: 801-262-7378 www.chemtechford.com

WHITE: Original YELLOW: File PINK: Customer

# SAMPLE RECEIVING CHECKLIST

DATE / TIME: 12/28/07 1445

Lab ID #: 15359-63

RECEIVED BY: AD

MATRIX: Water, DW, GW, WW

Sample/s on ice? Yes / No

Soil / Solid / Oil

Sample/s Sealed? Yes / No

Sludge: Watery, Solid Other:

	Laboratory ID #	Bottle Temp: Degrees C	Bottle Prep ID #	Comments (See Below:)
1	15359-63 mo	—	HNO <sub>3</sub>	1
2				
3				
4				
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21				

Bottle Identification	
Plastic	Glass
A- Plastic Unpreserved A1/2, AQ, AP, A1/2pt	D- 625 G- Glass Unpreserved
B- Miscellaneous Plastic	H- HAA's
C- Cyanide	J- 508/515/525
F- Sulfide	O- Oil & Grease
M- Metals	P- Phenols
N- Nutrients	T- TOC/TOX
R- Radiologicals	U- 531
S- Sludge Cup/Tubs	V- 524 & THM's
Q- Plastic Bags	W- 8260
<b>Special</b>	X- Vial Unpreserved
L- Lab Subsample 1,2,3 etc.- Multiples (B1, B2,)	Y- 624/504
	Z- Miscellaneous Glass

Sample Receiving Comments:
1- Preserved in Receiving.
2- Vials submitted with headspace.
3- Sample received past holding time.