



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

RECEIVED  
JUN 20 2012  
WA State Department  
of Ecology (SWRO)

May 8, 2012

ARP Water System  
Attn: Julie Joiner  
4532 65<sup>th</sup> NE  
Olympia, WA 98516

Re: Water Right No. G2-29374

*Done 6/7/12*

Dear Ms. Joiner

As I was preparing your Water Right Certificate for issuance, I realized we had not received any water quality data for chlorides from your well. Monitoring for chlorides in your well water was a provision on your permit. Before I can issue your Water Right Certificate, you will need to test your well water for chlorides and send a copy of the laboratory results to us.

According to Thurston County Health, the only company in the Olympia area that can analyze for chlorides is Dragon Analytical, on Madrona Beach Road. Contact them and they will help you fulfill this requirement.

*(360) 866-0543*

You will need to continue to test for chlorides each August, after your Water Right Certificate is issued and send the information to Ecology annually. The purpose of testing is to ensure seawater intrusion is not occurring in your area by establishing a baseline of analytical information. If annual testing establishes an increase in chloride levels, you will want to reduce the instantaneous amount being pumped so that your water quality does not decline.

Once I receive current data on chlorides in your well water, I will be able to issue your Water Right Certificate.

If you have any questions, please call at 360-407-6099.

*530 Rain Loe LN NW*

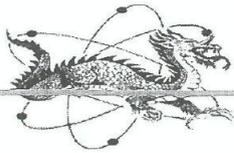
*Beach Madrona - 100-2000*

*8:30-5pm*

Sincerely

Tammy Hall, L.H.G.  
Hydrogeologist/SWRO  
Water Resources Program





# Dragon Analytical Laboratory, Inc.

530 A-1 Ronlee Lane NW  
 Olympia, WA 98502  
 PH: 360-866-0543 Fax: 360-866-0556  
 E-mail: customerservice@dragonlaboratory.com

## IOC Test Panel (Various Test Methods)

Date Collected	6/7/2012	System Group Type:	Unknown
Water System ID Number:	Unknown	System Name:	ARP Water System
Lab Sample number:	19301270	County:	Thurston
Sample Location	Bathroom Sink	Source Numbers:	n/a
Sample Purpose: (Check Appropriate Box)		Date Received:	6/7/2012
<input checked="" type="checkbox"/> RC – Routine/Compliance (satisfies monitoring requirements)		Date Analyzed:	6/8/2012
<input type="checkbox"/> C – Confirmation (confirmation of chemical result)		Date Reported	6/12/2012
<input type="checkbox"/> I – Investigative (does not satisfy monitoring requirements)		Comments	
<input type="checkbox"/> O – Other (specify)			
Sample Composition: (Check Appropriate Box)		Sample Type: (Check one)	
<input type="checkbox"/> S - Single Source		<input type="checkbox"/> Pre-Treatment/Raw	
<input type="checkbox"/> B - Blended (List Multiple Source Numbers in Source Nos. field)		<input checked="" type="checkbox"/> Post-Treatment/Finished	
<input type="checkbox"/> C - Composite (Specify in Comments field)		<input type="checkbox"/> Unknown	
<input type="checkbox"/> D - Distribution sample		Sampled By: Unknown	
		Contact Number: Unknown	
Send Report to:		Bill to: (Client Name)	
Department of Ecology		ARP Water System	
Attn: Tammy Hall		4532 65th Ave NE	
PO Box 47772		Olympia, WA 98516	
Olympia, WA 98504-7775			

### EPA/STATE REGULATED

DOH #	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	MCL Exceeded ("X" if yes)	Analysis Date	ANALYSTS INITIALS & METHOD
0021	CHLORIDE	ND	mg/L	20	--	250*		6/8/2012	FW EPA 300.0

### NOTES:

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**SRL (State Reporting Level):** The minimum reporting level established by the Washington State Department of Health (DOH)

**Trigger Level:** DOH Drinking Water response level. Systems with compounds detected at concentrations in excess of this level may be required to take additional samples or monitor more frequently. Please contact your DOH drinking water regional office for further information.

**MCL (maximum contaminant level):** If the contaminant amount exceeds the MCL, please contact your regional DOH office to determine follow-up actions.

**NA (Not Analyzed):** In the results column, indicates this compound was not included in the current analysis.

**(\*) Secondary MCL** (Established for esthetic purposes, not health based)

**ND (Not Detected):** In the results column, indicates this compound was analyzed and not detected at a level greater than or equal to the SRL

**≤ (0.00X):** The compound was not detected in the sample at or above the concentration indicated (usually the lab MRL).

Comments:

**QUALITY CONTROL RESULTS  
METHOD BLANK, DULPICATE SAMPLE, LABORATORY FORTIFIED BLANK**

ANALYSIS	METHOD BLANK RESULTS	SAMPLE RESULTS	DUP SAMPLE RESULTS	UNITS	DUP. LIMIT (%)	LFB LEVEL (mg/L)	LFB RECOVERY (mg/L)	LFB RECOV %	LFB LIMITS (%)
(0021) CHLORIDE	ND	ND	ND	mg/L	80-120	5.00	5.01	100	80-120

**QUALITY CONTROL RESULTS  
LABORATORY SPIKE MATRIX/LABORATORY SPIKE MATRIX DUPLICATE**

ANALYSIS	LFM/LFMD LEVEL (mg/L)	SAMPLE CONC. (mg/L)	LFM RECOV. (mg/L)	LFM RECOV. (%)	LFMD RECOV (mg/L)	LFMD REC. (%)	RPD (%)	LFM/LFMD LIMITS (%)
(0021) CHLORIDE	5.00	7.47	11.40	79%	11.38	78%	0.280	80-120

WA-DOE-Laboratory Certification No.: 193

"LFM" indicates Laboratory Fortified Matrix

"LFB" indicates Laboratory Fortified Blank

"ND" indicates the analyte was not detected at or above the listed Method Reporting Limit.

"N/A" indicates not applicable