

Certificate of Analysis

Report Date: 02/18/16 14:39
Received Date: 02/03/16 12:10
Turnaround Time: Normal

Project: Joe Wabash Ave. Yorba Linda

Phones: (626) 586-1157

Fax:

P.O. #:

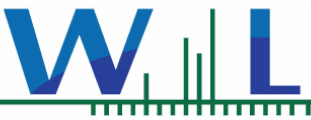
Attn: Roger Chao

Client: Advanced Water Treatment, Inc.
13505 Yorba Ave Unit B
Chino, CA 91710

Dear Roger Chao :

Enclosed are the results of analyses for samples received 2/3/2016 with the Chain of Custody document. The samples were received in good condition, at 7.3 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Table with columns: Lab ID, Sample ID, Sample 1, Matrix, Sampled by, Sampled, Sample Note, Analyte, Result, MDL, MRL, Units, Dil, Method, Prepared, Analyzed, Batch, Qualifier. Includes rows for Arsenic, Uranium, Chromium, Bromodichloromethane, Bromoform, Chloroform, Dibromochloromethane, THMs, and Gross Alpha.



Certificate of Analysis

Quality Control Section

Hexavalent Chromium by IC - Quality Control

Batch W6B0308 - EPA 218.6

Table with 10 columns: Analyte, Sample Result, QC Result, Qualifier, Units, Spike Level, %REC, %REC Limits, RPD, RPD Limit. Includes sections for Blank (W6B0308-BLK1), LCS (W6B0308-BS1), Matrix Spike (W6B0308-MS1), and Matrix Spike Dup (W6B0308-MSD1).

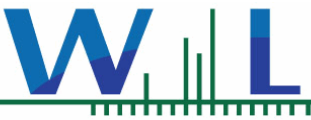
Metals by EPA 200 Series Methods - Quality Control

Batch W6B0560 - EPA 200.8

Table with 10 columns: Analyte, Sample Result, QC Result, Qualifier, Units, Spike Level, %REC, %REC Limits, RPD, RPD Limit. Includes sections for Blank (W6B0560-BLK1), LCS (W6B0560-BS1), Matrix Spike (W6B0560-MS1), Matrix Spike (W6B0560-MS2), Matrix Spike Dup (W6B0560-MSD1), and Matrix Spike Dup (W6B0560-MSD2).

Radiological Parameters by APHA/EPA Methods - Quality Control

Batch W6B0300 - SM 7110C



## Certificate of Analysis

## Radiological Parameters by APHA/EPA Methods - Quality Control

## Batch W6B0300 - SM 7110C

Blank (W6B0300-BLK1)					Prepared: 02/04/16		Analyzed: 02/05/16 10:42		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Gross Alpha		0.979		pCi/L					
Counting Error (+/-): 0.146	MDA: 0.01								
LCS (W6B0300-BS1)					Prepared: 02/04/16		Analyzed: 02/05/16 10:50		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Gross Alpha		5.01		pCi/L	4.79	105	55-149		
Counting Error (+/-): 0.292	MDA: 0.01								
LCS Dup (W6B0300-BSD1)					Prepared: 02/04/16		Analyzed: 02/05/16 10:24		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Gross Alpha		5.28		pCi/L	4.79	110	55-149	5	30
Counting Error (+/-): 0.301	MDA: 0.01								

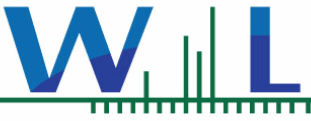
## Batch W6B1053 - EPA 200.8

Blank (W6B1053-BLK1)					Prepared: 02/09/16		Analyzed: 02/09/16 10:49		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Uranium Rad		ND		pCi/L					
LCS (W6B1053-BS1)					Prepared: 02/09/16		Analyzed: 02/09/16 10:51		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Uranium Rad		32.9		pCi/L	33.5	98	85-115		
Matrix Spike (W6B1053-MS1)					Prepared: 02/09/16		Analyzed: 02/09/16 11:57		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Uranium Rad	0.138	34.1		pCi/L	33.5	101	70-130		
Matrix Spike Dup (W6B1053-MSD1)					Prepared: 02/09/16		Analyzed: 02/09/16 11:59		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Uranium Rad	0.138	30.6		pCi/L	33.5	91	70-130	11	30

## Volatile Organic Compounds by EPA Method 524.2 - Quality Control

## Batch W6B0285 - EPA 524.2

Blank (W6B0285-BLK1)					Prepared: 02/04/16		Analyzed: 02/04/16 15:37		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: 1,2-Dichlorobenzene-d4		8.01		ug/l	10.0	80	70-130		
Surrogate: 4-Bromofluorobenzene		8.44		ug/l	10.0	84	70-130		
Chloroform		ND		ug/l					
Bromodichloromethane		ND		ug/l					
Dibromochloromethane		ND		ug/l					
Bromoform		ND		ug/l					
THMs, Total		ND		ug/l					
LCS (W6B0285-BS1)					Prepared: 02/04/16		Analyzed: 02/04/16 13:17		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: 1,2-Dichlorobenzene-d4		11.5		ug/l	10.0	115	70-130		



## Certificate of Analysis

## Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Batch W6B0285 - EPA 524.2

## LCS (W6B0285-BS1)

Prepared: 02/04/16

Analyzed: 02/04/16 13:17

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: 4-Bromofluorobenzene		10.7		ug/l	10.0	107	70-130		
Chloroform .....		5.77		ug/l	6.00	96	70-130		
Bromodichloromethane .....		5.21		ug/l	6.00	87	70-130		
Dibromochloromethane .....		5.18		ug/l	6.00	86	70-130		
Bromoform .....		5.18		ug/l	6.00	86	70-130		

## LCS Dup (W6B0285-BS1)

Prepared: 02/04/16

Analyzed: 02/04/16 13:52

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: 1,2-Dichlorobenzene-d4		11.6		ug/l	10.0	116	70-130		
Surrogate: 4-Bromofluorobenzene		10.8		ug/l	10.0	108	70-130		
Chloroform .....		5.73		ug/l	6.00	96	70-130	0.7	30
Bromodichloromethane .....		5.19		ug/l	6.00	86	70-130	0.4	30
Dibromochloromethane .....		5.35		ug/l	6.00	89	70-130	3	30
Bromoform .....		5.26		ug/l	6.00	88	70-130	2	30


### Certificate of Analysis

**Notes:**

The Chain of Custody document is part of the analytical report.  
Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.  
All results are expressed on wet weight basis unless otherwise specified.

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services. The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL).  
For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002



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**Authorized Signature**

Contact: Valerie Rejuso  
(Project Manager)



ELAP # 1132  
LACSD # 10143  
NELAC #4047-002 ORELAP



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.*

**Flags for Data Qualifiers:**

- ND NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL).
- Sub Subcontracted analysis, original report enclosed.
- DL Method Detection Limit
- RL Method Reporting Limit
- MDA Minimum Detectable Activity
- NR Not Reportable