



BSK Associates Laboratory Fresno  
1414 Stanislaus St  
Fresno, CA 93706  
559-497-2888 (Main)  
559-485-6935 (FAX)

**A9C1872**  
**4/05/2019**  
Invoice: A908945

Mike Cummins  
Far West Labs  
P.O. Box 355  
Riverbank, CA 95367-0355

**RE: Report for A9C1872 General - non EDT**

Dear Mike Cummins,

Thank you for using BSK Associates for your analytical testing needs. In the following pages, you will find the test results for the samples submitted to our laboratory on 3/19/2019. The results have been approved for release by our Laboratory Director as indicated by the authorizing signature below.

The samples were analyzed for the test(s) indicated on the Chain of Custody (see attached) and the results relate only to the samples analyzed. BSK certifies that the testing was performed in accordance with the quality system requirements specified in the 2009 TNI Standard. Any deviations from this standard or from the method requirements for each test procedure performed will be annotated alongside the analytical result or noted in the Case Narrative. Unless otherwise noted, the sample results are reported on an "as received" basis.

This certificate of analysis shall not be reproduced except in full, without written approval of the laboratory.

If additional clarification of any information is required, please contact your Project Manager, Michelle Croft, at 559-497-2888.

Thank you again for using BSK Associates. We value your business and appreciate your loyalty.

Sincerely,

Michelle Croft, Project Manager



Accredited in Accordance with NELAP  
ORELAP #4021-009

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

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**Case Narrative**

Project and Report Details	Invoice Details
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**Client:** Far West Labs  
**Report To:** Mike Cummins  
**Project #:** Weston Elementary School  
**Received:** 3/19/2019 - 15:07  
**Report Due:** 4/05/2019

**Invoice To:** Far West Labs  
**Invoice Attn:** Mike Cummins  
**Project PO#:** -

**Sample Receipt Conditions**

**Cooler:** Default Cooler  
**Temperature on Receipt °C:** 1.1

Containers Intact  
 COC/Labels Agree  
 Preservation Confirmed  
 Received On Blue Ice  
 Packing Material - Other  
 Sample(s) were received in temperature range.  
 Initial receipt at BSK-FAL

**Cooler:** New Cooler  
**Temperature on Receipt °C:** 1.3

Containers Intact  
 COC/Labels Agree  
 Preservation Confirmed  
 Received On Blue Ice  
 Packing Material - Other  
 Sample(s) were received in temperature range.  
 Initial receipt at BSK-FAL

**Data Qualifiers**

The following qualifiers have been applied to one or more analytical results:

- BS1.3 Blank Spike recovery meets the wider acceptance criteria of 50-150% when the spike level is at or below the reporting limit (RL).
- MS1.0 Matrix spike recoveries exceed control limits.
- MS1.1 Matrix spike recovery exceeds upper control limit. Reported results for parent matrix should be considered estimated due to matrix interferences.
- MS1.2 Matrix spike recovery exceeds lower control limit. Reported results for parent matrix should be considered estimated due to matrix interferences.

**Report Distribution**

Recipient(s)	Report Format	CC:
Patty LaSalle	FINAL.RPT	

**Certificate of Analysis**

**Sample ID:** A9C1872-01  
**Sampled By:** Mike Cummins  
**Sample Description:** Weston Sch - City Supplied Water // 29-2345

**Sample Date - Time:** 03/18/19 - 12:00  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**BSK Associates Laboratory Fresno**
**Metals**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 200.8	5.8	2.0	ug/L	1	A903776	03/20/19	03/27/19	

**Radiological**

Analyte	Method	Result	Units	Batch	Prepared	Analyzed	Qual
Gross Alpha	SM 7110C	14.1	pCi/L	A903851	03/21/19	03/22/19	
Gross Alpha 1.65 Sigma Uncertainty	SM 7110C	0.602	pCi/L	A903851	03/21/19	03/22/19	
Gross Alpha MDA95	SM 7110C	1.06	pCi/L	A903851	03/21/19	03/22/19	

**Organics**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
<b><u>EDB and DBCP by GC-ECD</u></b>									
Dibromochloropropane (DBCP)	EPA 504.1	ND	0.010	ug/L	1	A903947	03/22/19	03/22/19	
Ethylene Dibromide (EDB)	EPA 504.1	ND	0.020	ug/L	1	A903947	03/22/19	03/22/19	
Surrogate: 1-Br-2-Nitrobenzene	EPA 504.1	102 %	<i>Acceptable range: 70-130 %</i>						
<b><u>Organohalide Pesticides and PCBs by GC-ECD</u></b>									
Aldrin	EPA 505	ND	0.075	ug/L	1	A903947	03/22/19	03/22/19	
Chlordane	EPA 505	ND	0.10	ug/L	1	A903947	03/22/19	03/22/19	
Dieldrin	EPA 505	ND	0.020	ug/L	1	A903947	03/22/19	03/22/19	
Endrin	EPA 505	ND	0.10	ug/L	1	A903947	03/22/19	03/22/19	
Heptachlor	EPA 505	ND	0.010	ug/L	1	A903947	03/22/19	03/22/19	
Heptachlor Epoxide	EPA 505	ND	0.010	ug/L	1	A903947	03/22/19	03/22/19	
Hexachlorobenzene	EPA 505	ND	0.50	ug/L	1	A903947	03/22/19	03/22/19	
Hexachlorocyclopentadiene	EPA 505	ND	1.0	ug/L	1	A903947	03/22/19	03/22/19	
Lindane	EPA 505	ND	0.20	ug/L	1	A903947	03/22/19	03/22/19	
Methoxychlor	EPA 505	ND	10	ug/L	1	A903947	03/22/19	03/22/19	
PCB Aroclor Screen	EPA 505	ND	0.50	ug/L	1	A903947	03/22/19	03/22/19	
Toxaphene	EPA 505	ND	1.0	ug/L	1	A903947	03/22/19	03/22/19	
Surrogate: 1-Br-2-Nitrobenzene	EPA 505	102 %	<i>Acceptable range: 70-130 %</i>						
<b><u>Chlorinated Acid Herbicides by GC-ECD</u></b>									
2,4,5-T	EPA 515.4	ND	1.0	ug/L	1	A904133	03/27/19	03/27/19	
2,4,5-TP (Silvex)	EPA 515.4	ND	1.0	ug/L	1	A904133	03/27/19	03/27/19	
2,4-D	EPA 515.4	ND	10	ug/L	1	A904133	03/27/19	03/27/19	
Bentazon	EPA 515.4	ND	2.0	ug/L	1	A904133	03/27/19	03/27/19	
Dalapon	EPA 515.4	ND	10	ug/L	1	A904133	03/27/19	03/27/19	
Dicamba	EPA 515.4	ND	1.5	ug/L	1	A904133	03/27/19	03/27/19	
Dinoseb	EPA 515.4	ND	2.0	ug/L	1	A904133	03/27/19	03/27/19	
Pentachlorophenol	EPA 515.4	ND	0.20	ug/L	1	A904133	03/27/19	03/27/19	
Picloram	EPA 515.4	ND	1.0	ug/L	1	A904133	03/27/19	03/27/19	
Surrogate: DCPAA	EPA 515.4	107 %	<i>Acceptable range: 70-130 %</i>						

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**A9C1872**

**General - non EDT**  
Weston Elementary School

**Certificate of Analysis**

**Sample ID:** A9C1872-01  
**Sampled By:** Mike Cummins  
**Sample Description:** Weston Sch - City Supplied Water // 29-2345

**Sample Date - Time:** 03/18/19 - 12:00  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**Organics**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
<b>Volatile Organics by GC-MS</b>									
1,1,1,2-Tetrachloroethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,1,1-Trichloroethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,1,2,2-Tetrachloroethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	ND	10	ug/L	1	A903879	03/21/19	03/21/19	
1,1,2-Trichloroethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,1-Dichloroethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,1-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,1-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,2,3-Trichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,2,4-Trichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,2,4-Trimethylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	MS1.2
1,2-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,2-Dichloroethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,2-Dichloropropane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,3,5-Trimethylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	MS1.2
1,3-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,3-Dichloropropane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,4-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
2,2-Dichloropropane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
2-Butanone	EPA 524.2	ND	5.0	ug/L	1	A903879	03/21/19	03/21/19	
2-Chlorotoluene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
2-Hexanone	EPA 524.2	ND	10	ug/L	1	A903879	03/21/19	03/21/19	
4-Chlorotoluene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
4-Methyl-2-pentanone	EPA 524.2	ND	5.0	ug/L	1	A903879	03/21/19	03/21/19	
Acetone	EPA 524.2	ND	10	ug/L	1	A903879	03/21/19	03/21/19	
Benzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Bromobenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Bromochloromethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Bromodichloromethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Bromoform	EPA 524.2	<b>2.7</b>	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Bromomethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Carbon Tetrachloride	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Chlorobenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Chloroethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Chloroform	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Chloromethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
cis-1,2-Dichloroethene	EPA 524.2	<b>1.2</b>	0.50	ug/L	1	A903879	03/21/19	03/21/19	
cis-1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Dibromochloromethane	EPA 524.2	<b>1.2</b>	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Dibromomethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Dichlorodifluoromethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Dichloromethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Di-isopropyl ether (DIPE)	EPA 524.2	ND	3.0	ug/L	1	A903879	03/21/19	03/21/19	
Ethyl tert-Butyl Ether (ETBE)	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	

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A9C1872 FINAL 04052019 1413



**A9C1872**

**General - non EDT**  
Weston Elementary School

**Certificate of Analysis**

**Sample ID:** A9C1872-01  
**Sampled By:** Mike Cummins  
**Sample Description:** Weston Sch - City Supplied Water // 29-2345

**Sample Date - Time:** 03/18/19 - 12:00  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**Organics**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
<b>Volatile Organics by GC-MS</b>									
Ethylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Hexachlorobutadiene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Isopropylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
m,p-Xylenes	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	MS1.2
Methyl-t-butyl ether	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Naphthalene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	MS1.2
n-Butylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
n-Propylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
o-Xylene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	MS1.2
p-Isopropyltoluene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	MS1.2
sec-Butylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Styrene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	MS1.2
tert-Amyl Methyl Ether (TAME)	EPA 524.2	ND	3.0	ug/L	1	A903879	03/21/19	03/21/19	
tert-Butylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Tetrachloroethene (PCE)	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Toluene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
trans-1,2-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
trans-1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Trichloroethene (TCE)	EPA 524.2	<b>0.56</b>	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Trichlorofluoromethane	EPA 524.2	ND	5.0	ug/L	1	A903879	03/21/19	03/21/19	
Vinyl Chloride	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	90 %							<i>Acceptable range: 70-130 %</i>
Surrogate: Bromofluorobenzene	EPA 524.2	105 %							<i>Acceptable range: 70-130 %</i>
Total 1,3-Dichloropropene		ND	0.50	ug/L					
Total Trihalomethanes		<b>3.9</b>	0.50	ug/L					
Total Xylenes, EPA 524.2		ND	0.50	ug/L					
<b>Semi-Volatile Organics by GC-MS</b>									
Alachlor	EPA 525.3	ND	1.0	ug/L	1	A903993	03/24/19	03/25/19	
Atrazine	EPA 525.3	ND	0.50	ug/L	1	A903993	03/24/19	03/25/19	
Benzo(a)pyrene	EPA 525.3	ND	0.10	ug/L	1	A903993	03/24/19	03/25/19	
Bis(2-ethylhexyl) adipate	EPA 525.3	ND	3.0	ug/L	1	A903993	03/24/19	03/25/19	
Bis(2-ethylhexyl) phthalate	EPA 525.3	ND	3.0	ug/L	1	A903993	03/24/19	03/25/19	
Bromacil	EPA 525.3	ND	10	ug/L	1	A903993	03/24/19	03/25/19	
Butachlor	EPA 525.3	ND	0.38	ug/L	1	A903993	03/24/19	03/25/19	
Diazinon	EPA 525.3	ND	0.25	ug/L	1	A903993	03/24/19	03/25/19	
Dimethoate	EPA 525.3	ND	10	ug/L	1	A903993	03/24/19	03/25/19	
Metolachlor	EPA 525.3	ND	0.50	ug/L	1	A903993	03/24/19	03/25/19	
Metribuzin	EPA 525.3	ND	0.50	ug/L	1	A903993	03/24/19	03/25/19	
Molinate	EPA 525.3	ND	2.0	ug/L	1	A903993	03/24/19	03/25/19	
Propachlor	EPA 525.3	ND	0.50	ug/L	1	A903993	03/24/19	03/25/19	
Simazine	EPA 525.3	ND	1.0	ug/L	1	A903993	03/24/19	03/25/19	
Thiobencarb	EPA 525.3	ND	1.0	ug/L	1	A903993	03/24/19	03/25/19	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	EPA 525.3	85 %							<i>Acceptable range: 70-130 %</i>

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**A9C1872**

**General - non EDT**  
Weston Elementary School

### Certificate of Analysis

**Sample ID:** A9C1872-01  
**Sampled By:** Mike Cummins  
**Sample Description:** Weston Sch - City Supplied Water // 29-2345

**Sample Date - Time:** 03/18/19 - 12:00  
**Matrix:** Drinking Water  
**Sample Type:** Grab

#### Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Surrogate: Benzo(a)pyrene-d12	EPA 525.3	93 %	<i>Acceptable range: 70-130 %</i>						
Surrogate: Triphenyl Phosphate	EPA 525.3	93 %	<i>Acceptable range: 70-130 %</i>						
<b>1,2,3-Trichloropropane by GC-MS SIM</b>									
1,2,3-Trichloropropane	SRL 524M-TCP	ND	0.0050	ug/L	1	A903818	03/20/19	03/21/19	

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**A9C1872**

**General - non EDT**  
Weston Elementary School

**Certificate of Analysis**

**Sample ID:** A9C1872-02  
**Sampled By:** Mike Cummins  
**Sample Description:** Weston Sch - Irrigation Water // 29-2346

**Sample Date - Time:** 03/18/19 - 12:19  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**BSK Associates Laboratory Fresno**

**Metals**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 200.8	6.4	2.0	ug/L	1	A903776	03/20/19	03/27/19	

**Radiological**

Analyte	Method	Result	Units	Batch	Prepared	Analyzed	Qual
Gross Alpha	SM 7110C	16.1	pCi/L	A903851	03/21/19	03/22/19	
Gross Alpha 1.65 Sigma Uncertainty	SM 7110C	0.641	pCi/L	A903851	03/21/19	03/22/19	
Gross Alpha MDA95	SM 7110C	1.06	pCi/L	A903851	03/21/19	03/22/19	

**Organics**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
<b><u>EDB and DBCP by GC-ECD</u></b>									
Dibromochloropropane (DBCP)	EPA 504.1	ND	0.010	ug/L	1	A903947	03/22/19	03/22/19	
Ethylene Dibromide (EDB)	EPA 504.1	ND	0.020	ug/L	1	A903947	03/22/19	03/22/19	
Surrogate: 1-Br-2-Nitrobenzene	EPA 504.1	109 %	<i>Acceptable range: 70-130 %</i>						
<b><u>Organohalide Pesticides and PCBs by GC-ECD</u></b>									
Aldrin	EPA 505	ND	0.075	ug/L	1	A903947	03/22/19	03/22/19	
Chlordane	EPA 505	ND	0.10	ug/L	1	A903947	03/22/19	03/22/19	
Dieldrin	EPA 505	ND	0.020	ug/L	1	A903947	03/22/19	03/22/19	
Endrin	EPA 505	ND	0.10	ug/L	1	A903947	03/22/19	03/22/19	
Heptachlor	EPA 505	ND	0.010	ug/L	1	A903947	03/22/19	03/22/19	
Heptachlor Epoxide	EPA 505	ND	0.010	ug/L	1	A903947	03/22/19	03/22/19	
Hexachlorobenzene	EPA 505	ND	0.50	ug/L	1	A903947	03/22/19	03/22/19	
Hexachlorocyclopentadiene	EPA 505	ND	1.0	ug/L	1	A903947	03/22/19	03/22/19	
Lindane	EPA 505	ND	0.20	ug/L	1	A903947	03/22/19	03/22/19	
Methoxychlor	EPA 505	ND	10	ug/L	1	A903947	03/22/19	03/22/19	
PCB Aroclor Screen	EPA 505	ND	0.50	ug/L	1	A903947	03/22/19	03/22/19	
Toxaphene	EPA 505	ND	1.0	ug/L	1	A903947	03/22/19	03/22/19	
Surrogate: 1-Br-2-Nitrobenzene	EPA 505	109 %	<i>Acceptable range: 70-130 %</i>						
<b><u>Chlorinated Acid Herbicides by GC-ECD</u></b>									
2,4,5-T	EPA 515.4	ND	1.0	ug/L	1	A904133	03/27/19	03/28/19	
2,4,5-TP (Silvex)	EPA 515.4	ND	1.0	ug/L	1	A904133	03/27/19	03/28/19	
2,4-D	EPA 515.4	ND	10	ug/L	1	A904133	03/27/19	03/28/19	
Bentazon	EPA 515.4	ND	2.0	ug/L	1	A904133	03/27/19	03/28/19	
Dalapon	EPA 515.4	ND	10	ug/L	1	A904133	03/27/19	03/28/19	
Dicamba	EPA 515.4	ND	1.5	ug/L	1	A904133	03/27/19	03/28/19	
Dinoseb	EPA 515.4	ND	2.0	ug/L	1	A904133	03/27/19	03/28/19	
Pentachlorophenol	EPA 515.4	ND	0.20	ug/L	1	A904133	03/27/19	03/28/19	
Picloram	EPA 515.4	ND	1.0	ug/L	1	A904133	03/27/19	03/28/19	
Surrogate: DCPAA	EPA 515.4	110 %	<i>Acceptable range: 70-130 %</i>						

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A9C1872 FINAL 04052019 1413



**A9C1872**

**General - non EDT**  
Weston Elementary School

**Certificate of Analysis**

**Sample ID:** A9C1872-02  
**Sampled By:** Mike Cummins  
**Sample Description:** Weston Sch - Irrigation Water // 29-2346

**Sample Date - Time:** 03/18/19 - 12:19  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**Organics**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
<b>Volatile Organics by GC-MS</b>									
1,1,1,2-Tetrachloroethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,1,1-Trichloroethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,1,1,2,2-Tetrachloroethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	ND	10	ug/L	1	A903879	03/21/19	03/21/19	
1,1,2-Trichloroethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,1-Dichloroethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,1-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,1-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,2,3-Trichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,2,4-Trichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,2,4-Trimethylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,2-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,2-Dichloroethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,2-Dichloropropane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,3,5-Trimethylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,3-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,3-Dichloropropane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
1,4-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
2,2-Dichloropropane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
2-Butanone	EPA 524.2	ND	5.0	ug/L	1	A903879	03/21/19	03/21/19	
2-Chlorotoluene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
2-Hexanone	EPA 524.2	ND	10	ug/L	1	A903879	03/21/19	03/21/19	
4-Chlorotoluene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
4-Methyl-2-pentanone	EPA 524.2	ND	5.0	ug/L	1	A903879	03/21/19	03/21/19	
Acetone	EPA 524.2	ND	10	ug/L	1	A903879	03/21/19	03/21/19	
Benzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Bromobenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Bromochloromethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Bromodichloromethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Bromoform	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Bromomethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Carbon Tetrachloride	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Chlorobenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Chloroethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Chloroform	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Chloromethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
cis-1,2-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
cis-1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Dibromochloromethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Dibromomethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Dichlorodifluoromethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Dichloromethane	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Di-isopropyl ether (DIPE)	EPA 524.2	ND	3.0	ug/L	1	A903879	03/21/19	03/21/19	
Ethyl tert-Butyl Ether (ETBE)	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	

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A9C1872 FINAL 04052019 1413





**A9C1872**

**General - non EDT**  
Weston Elementary School

**Certificate of Analysis**

**Sample ID:** A9C1872-02  
**Sampled By:** Mike Cummins  
**Sample Description:** Weston Sch - Irrigation Water // 29-2346

**Sample Date - Time:** 03/18/19 - 12:19  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**Organics**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
<b>Volatile Organics by GC-MS</b>									
Ethylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Hexachlorobutadiene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Isopropylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
m,p-Xylenes	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Methyl-t-butyl ether	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Naphthalene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
n-Butylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
n-Propylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
o-Xylene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
p-Isopropyltoluene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
sec-Butylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Styrene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
tert-Amyl Methyl Ether (TAME)	EPA 524.2	ND	3.0	ug/L	1	A903879	03/21/19	03/21/19	
tert-Butylbenzene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Tetrachloroethene (PCE)	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Toluene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
trans-1,2-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
trans-1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Trichloroethene (TCE)	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Trichlorofluoromethane	EPA 524.2	ND	5.0	ug/L	1	A903879	03/21/19	03/21/19	
Vinyl Chloride	EPA 524.2	ND	0.50	ug/L	1	A903879	03/21/19	03/21/19	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	89 %							<i>Acceptable range: 70-130 %</i>
Surrogate: Bromofluorobenzene	EPA 524.2	105 %							<i>Acceptable range: 70-130 %</i>
Total 1,3-Dichloropropene		ND	0.50	ug/L					
Total Trihalomethanes		ND	0.50	ug/L					
Total Xylenes, EPA 524.2		ND	0.50	ug/L					
<b>Semi-Volatile Organics by GC-MS</b>									
Alachlor	EPA 525.3	ND	1.0	ug/L	1	A903993	03/24/19	03/25/19	
Atrazine	EPA 525.3	ND	0.50	ug/L	1	A903993	03/24/19	03/25/19	
Benzo(a)pyrene	EPA 525.3	ND	0.10	ug/L	1	A903993	03/24/19	03/25/19	
Bis(2-ethylhexyl) adipate	EPA 525.3	ND	3.0	ug/L	1	A903993	03/24/19	03/25/19	
Bis(2-ethylhexyl) phthalate	EPA 525.3	ND	3.0	ug/L	1	A903993	03/24/19	03/25/19	
Bromacil	EPA 525.3	ND	10	ug/L	1	A903993	03/24/19	03/25/19	
Butachlor	EPA 525.3	ND	0.38	ug/L	1	A903993	03/24/19	03/25/19	
Diazinon	EPA 525.3	ND	0.25	ug/L	1	A903993	03/24/19	03/25/19	
Dimethoate	EPA 525.3	ND	10	ug/L	1	A903993	03/24/19	03/25/19	
Metolachlor	EPA 525.3	ND	0.50	ug/L	1	A903993	03/24/19	03/25/19	
Metribuzin	EPA 525.3	ND	0.50	ug/L	1	A903993	03/24/19	03/25/19	
Molinate	EPA 525.3	ND	2.0	ug/L	1	A903993	03/24/19	03/25/19	
Propachlor	EPA 525.3	ND	0.50	ug/L	1	A903993	03/24/19	03/25/19	
Simazine	EPA 525.3	ND	1.0	ug/L	1	A903993	03/24/19	03/25/19	
Thiobencarb	EPA 525.3	ND	1.0	ug/L	1	A903993	03/24/19	03/25/19	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	EPA 525.3	93 %							<i>Acceptable range: 70-130 %</i>

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A9C1872 FINAL 04052019 1413



A9C1872

General - non EDT  
Weston Elementary School

### Certificate of Analysis

Sample ID: A9C1872-02  
Sampled By: Mike Cummins  
Sample Description: Weston Sch - Irrigation Water // 29-2346

Sample Date - Time: 03/18/19 - 12:19  
Matrix: Drinking Water  
Sample Type: Grab

#### Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Surrogate: Benzo(a)pyrene-d12	EPA 525.3	105 %							
			Acceptable range: 70-130 %						
Surrogate: Triphenyl Phosphate	EPA 525.3	104 %							
			Acceptable range: 70-130 %						
<b>1,2,3-Trichloropropane by GC-MS SIM</b>									
1,2,3-Trichloropropane	SRL 524M-TCP	ND	0.0050	ug/L	1	A903830	03/20/19	03/21/19	

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**BSK Associates Laboratory Fresno**  
**Metals Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Date Analyzed	Qual
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**EPA 200.8 - Quality Control**

Batch: A903776

Prepared: 3/20/2019

Prep Method: EPA 200.2

Analyst: MAS

**Blank (A903776-BLK1)**

Arsenic	ND	2.0	ug/L							03/27/19	
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**Blank Spike (A903776-BS1)**

Arsenic	200	2.0	ug/L	200	ND	99	85-115			03/27/19	
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**Blank Spike Dup (A903776-BSD1)**

Arsenic	200	2.0	ug/L	200	ND	101	85-115	2	20	03/27/19	
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**Matrix Spike (A903776-MS1), Source: A9C1860-01**

Arsenic	200	2.0	ug/L	200	ND	99	70-130			03/27/19	
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**Matrix Spike Dup (A903776-MSD1), Source: A9C1860-01**

Arsenic	200	2.0	ug/L	200	ND	101	70-130	2	20	03/27/19	
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A9C1872

General - non EDT

**BSK Associates Laboratory Fresno  
Organics Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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**EPA 504.1 - Quality Control**

Batch: A903947

Prepared: 3/22/2019

Prep Method: EPA 504/505

Analyst: YNV

**Blank (A903947-BLK1)**

Dibromochloropropane (DBCP)	ND	0.010	ug/L							03/22/19	
Ethylene Dibromide (EDB)	ND	0.020	ug/L							03/22/19	
Surrogate: 1-Br-2-Nitrobenzene	0.47			0.46		102	70-130			03/22/19	

**Blank Spike (A903947-BS1)**

Dibromochloropropane (DBCP)	0.10	0.010	ug/L	0.10	ND	103	70-130			03/22/19	
Ethylene Dibromide (EDB)	0.11	0.020	ug/L	0.10	ND	106	70-130			03/22/19	
Surrogate: 1-Br-2-Nitrobenzene	0.47			0.46		103	70-130			03/22/19	

**Blank Spike Dup (A903947-BSD1)**

Dibromochloropropane (DBCP)	0.10	0.010	ug/L	0.10	ND	101	70-130	1	20	03/23/19	
Ethylene Dibromide (EDB)	0.10	0.020	ug/L	0.10	ND	104	70-130	1	20	03/23/19	
Surrogate: 1-Br-2-Nitrobenzene	0.47			0.46		103	70-130			03/23/19	

**Matrix Spike (A903947-MS1), Source: A9C2286-01**

Dibromochloropropane (DBCP)	0.10	0.010	ug/L	0.10	ND	101	65-135			03/22/19	
Ethylene Dibromide (EDB)	0.10	0.020	ug/L	0.10	ND	102	65-135			03/22/19	
Surrogate: 1-Br-2-Nitrobenzene	0.47			0.46		103	70-130			03/22/19	

**EPA 505 - Quality Control**

Batch: A903947

Prepared: 3/22/2019

Prep Method: EPA 504/505

Analyst: YNV

**Blank (A903947-BLK1)**

Aldrin	ND	0.075	ug/L							03/22/19	
Chlordane	ND	0.10	ug/L							03/22/19	
Dieldrin	ND	0.020	ug/L							03/22/19	
Endrin	ND	0.10	ug/L							03/22/19	
Heptachlor	ND	0.010	ug/L							03/22/19	
Heptachlor Epoxide	ND	0.010	ug/L							03/22/19	
Hexachlorobenzene	ND	0.50	ug/L							03/22/19	
Hexachlorocyclopentadiene	ND	1.0	ug/L							03/22/19	
Lindane	ND	0.20	ug/L							03/22/19	
Methoxychlor	ND	10	ug/L							03/22/19	
PCB Aroclor Screen	ND	0.50	ug/L							03/22/19	
Toxaphene	ND	1.0	ug/L							03/22/19	
Surrogate: 1-Br-2-Nitrobenzene	0.47			0.46		102	70-130			03/22/19	

**Blank Spike (A903947-BS1)**

Aldrin	0.74	0.075	ug/L	0.74	ND	99	70-130			03/22/19	
Dieldrin	0.19	0.020	ug/L	0.20	ND	96	70-130			03/22/19	
Endrin	0.096	0.10	ug/L	0.10	ND	96	70-130			03/22/19	
Heptachlor	0.10	0.010	ug/L	0.10	ND	102	70-130			03/22/19	
Heptachlor Epoxide	0.10	0.010	ug/L	0.10	ND	100	70-130			03/22/19	

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A9C1872 FINAL 04052019 1413



A9C1872

General - non EDT

**BSK Associates Laboratory Fresno  
Organics Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Date Analyzed	Qual
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**EPA 505 - Quality Control**

Batch: A903947

Prepared: 3/22/2019

Prep Method: EPA 504/505

Analyst: YNV

**Blank Spike (A903947-BS1)**

Hexachlorobenzene	1.0	0.50	ug/L	1.0	ND	102	70-130			03/22/19	
Hexachlorocyclopentadiene	1.1	1.0	ug/L	1.0	ND	108	70-130			03/22/19	
Lindane	0.19	0.20	ug/L	0.20	ND	94	70-130			03/22/19	
Methoxychlor	1.1	10	ug/L	1.0	ND	106	70-130			03/22/19	
Surrogate: 1-Br-2-Nitrobenzene	0.47			0.46		103	70-130			03/22/19	

**Blank Spike Dup (A903947-BSD1)**

Aldrin	0.72	0.075	ug/L	0.74	ND	97	70-130	2	20	03/23/19	
Dieldrin	0.20	0.020	ug/L	0.20	ND	102	70-130	6	20	03/23/19	
Endrin	0.096	0.10	ug/L	0.10	ND	96	70-130	1	20	03/23/19	
Heptachlor	0.10	0.010	ug/L	0.10	ND	103	70-130	1	20	03/23/19	
Heptachlor Epoxide	0.096	0.010	ug/L	0.10	ND	96	70-130	4	20	03/23/19	
Hexachlorobenzene	0.97	0.50	ug/L	1.0	ND	97	70-130	5	20	03/23/19	
Hexachlorocyclopentadiene	1.0	1.0	ug/L	1.0	ND	102	70-130	5	20	03/23/19	
Lindane	0.19	0.20	ug/L	0.20	ND	93	70-130	1	20	03/23/19	
Methoxychlor	1.1	10	ug/L	1.0	ND	107	70-130	1	20	03/23/19	
Surrogate: 1-Br-2-Nitrobenzene	0.47			0.46		103	70-130			03/23/19	

**Matrix Spike (A903947-MS1), Source: A9C2286-01**

Aldrin	0.75	0.075	ug/L	0.75	ND	97	65-135			03/22/19	
Dieldrin	0.20	0.020	ug/L	0.20	ND	91	65-135			03/22/19	
Endrin	0.097	0.10	ug/L	0.10	ND	97	65-135			03/22/19	
Heptachlor	0.10	0.010	ug/L	0.10	ND	104	65-135			03/22/19	
Heptachlor Epoxide	0.10	0.010	ug/L	0.10	ND	100	65-135			03/22/19	
Hexachlorobenzene	1.0	0.50	ug/L	1.0	ND	102	65-135			03/22/19	
Hexachlorocyclopentadiene	1.0	1.0	ug/L	1.0	ND	94	65-135			03/22/19	
Lindane	0.19	0.20	ug/L	0.20	ND	91	65-135			03/22/19	
Methoxychlor	1.1	10	ug/L	1.0	ND	109	65-135			03/22/19	
Surrogate: 1-Br-2-Nitrobenzene	0.47			0.46		103	70-130			03/22/19	

**EPA 515.4 - Quality Control**

Batch: A904133

Prepared: 3/27/2019

Prep Method: EPA 515.4

Analyst: VTL

**Blank (A904133-BLK1)**

2,4,5-T	ND	1.0	ug/L							03/27/19	
2,4,5-TP (Silvex)	ND	1.0	ug/L							03/27/19	
2,4-D	ND	10	ug/L							03/27/19	
Bentazon	ND	2.0	ug/L							03/27/19	
Dalapon	ND	10	ug/L							03/27/19	
Dicamba	ND	1.5	ug/L							03/27/19	
Dinoseb	ND	2.0	ug/L							03/27/19	
Pentachlorophenol	ND	0.20	ug/L							03/27/19	
Picloram	ND	1.0	ug/L							03/27/19	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

A9C1872 FINAL 04052019 1413



**A9C1872**

**General - non EDT**

**BSK Associates Laboratory Fresno  
Organics Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Date Analyzed	Qual
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**EPA 515.4 - Quality Control**

Batch: A904133

Prepared: 3/27/2019

Prep Method: EPA 515.4

Analyst: VTL

**Blank (A904133-BLK1)**

Surrogate: DCPAA	38			36		104	70-130			03/27/19	
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**Blank Spike (A904133-BS1)**

2,4,5-T	1.7	1.0	ug/L	1.6	ND	104	70-130			03/27/19	
2,4,5-TP (Silvex)	0.82	1.0	ug/L	0.80	ND	102	70-130			03/27/19	
2,4-D	0.42	10	ug/L	0.40	ND	105	70-130			03/27/19	
Bentazon	2.0	2.0	ug/L	2.0	ND	100	70-130			03/27/19	
Dalapon	3.9	10	ug/L	4.0	ND	98	70-130			03/27/19	
Dicamba	0.79	1.5	ug/L	0.80	ND	99	70-130			03/27/19	
Dinoseb	0.81	2.0	ug/L	0.80	ND	101	70-130			03/27/19	
Pentachlorophenol	0.16	0.20	ug/L	0.16	ND	103	70-130			03/27/19	
Picloram	0.38	1.0	ug/L	0.40	ND	96	70-130			03/27/19	
Surrogate: DCPAA	38			36		105	70-130			03/27/19	

**Blank Spike Dup (A904133-BSD1)**

2,4,5-T	1.7	1.0	ug/L	1.6	ND	109	70-130	4	20	03/28/19	
2,4,5-TP (Silvex)	0.85	1.0	ug/L	0.80	ND	106	70-130	4	20	03/28/19	
2,4-D	0.43	10	ug/L	0.40	ND	107	70-130	2	20	03/28/19	
Bentazon	1.9	2.0	ug/L	2.0	ND	94	70-130	6	20	03/28/19	
Dalapon	3.9	10	ug/L	4.0	ND	97	70-130	1	20	03/28/19	
Dicamba	0.82	1.5	ug/L	0.80	ND	102	70-130	4	20	03/28/19	
Dinoseb	0.78	2.0	ug/L	0.80	ND	98	70-130	3	20	03/28/19	
Pentachlorophenol	0.16	0.20	ug/L	0.16	ND	102	70-130	1	20	03/28/19	
Picloram	0.36	1.0	ug/L	0.40	ND	91	70-130	6	20	03/28/19	
Surrogate: DCPAA	38			36		106	70-130			03/28/19	

**Matrix Spike (A904133-MS1), Source: A9C1872-01**

2,4,5-T	1.9	1.0	ug/L	1.6	ND	116	70-130			03/27/19	
2,4,5-TP (Silvex)	0.91	1.0	ug/L	0.80	ND	113	70-130			03/27/19	
2,4-D	0.45	10	ug/L	0.40	ND	113	70-130			03/27/19	
Bentazon	2.0	2.0	ug/L	2.0	ND	98	70-130			03/27/19	
Dalapon	5.0	10	ug/L	4.0	ND	125	70-130			03/27/19	
Dicamba	0.79	1.5	ug/L	0.80	ND	99	70-130			03/27/19	
Dinoseb	0.84	2.0	ug/L	0.80	ND	105	70-130			03/27/19	
Pentachlorophenol	0.16	0.20	ug/L	0.16	ND	100	70-130			03/27/19	
Picloram	0.39	1.0	ug/L	0.40	ND	96	70-130			03/27/19	
Surrogate: DCPAA	39			36		110	70-130			03/27/19	

**Matrix Spike Dup (A904133-MSD1), Source: A9C1872-01**

2,4,5-T	1.8	1.0	ug/L	1.6	ND	112	70-130	3	30	03/28/19	
2,4,5-TP (Silvex)	0.89	1.0	ug/L	0.80	ND	112	70-130	2	30	03/28/19	
2,4-D	0.45	10	ug/L	0.40	ND	111	70-130	2	30	03/28/19	
Bentazon	1.9	2.0	ug/L	2.0	ND	95	70-130	3	30	03/28/19	
Dalapon	4.8	10	ug/L	4.0	ND	121	70-130	3	30	03/28/19	

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A9C1872

General - non EDT

**BSK Associates Laboratory Fresno  
Organics Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Date Analyzed	Qual
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**EPA 515.4 - Quality Control**

Batch: A904133

Prepared: 3/27/2019

Prep Method: EPA 515.4

Analyst: VTL

**Matrix Spike Dup (A904133-MSD1), Source: A9C1872-01**

Dicamba	0.78	1.5	ug/L	0.80	ND	97	70-130	2	30	03/28/19	
Dinoseb	0.82	2.0	ug/L	0.80	ND	103	70-130	2	30	03/28/19	
Pentachlorophenol	0.15	0.20	ug/L	0.16	ND	96	70-130	4	30	03/28/19	
Picloram	0.38	1.0	ug/L	0.40	ND	95	70-130	1	30	03/28/19	
Surrogate: DCPAA	39			36		108	70-130			03/28/19	

**EPA 524.2 - Quality Control**

Batch: A903879

Prepared: 3/21/2019

Prep Method: EPA 524.2

Analyst: ANM

**Blank (A903879-BLK1)**

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L							03/21/19	
1,1,1-Trichloroethane	ND	0.50	ug/L							03/21/19	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L							03/21/19	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	ug/L							03/21/19	
1,1,2-Trichloroethane	ND	0.50	ug/L							03/21/19	
1,1-Dichloroethane	ND	0.50	ug/L							03/21/19	
1,1-Dichloroethene	ND	0.50	ug/L							03/21/19	
1,1-Dichloropropene	ND	0.50	ug/L							03/21/19	
1,2,3-Trichlorobenzene	ND	0.50	ug/L							03/21/19	
1,2,4-Trichlorobenzene	ND	0.50	ug/L							03/21/19	
1,2,4-Trimethylbenzene	ND	0.50	ug/L							03/21/19	
1,2-Dichlorobenzene	ND	0.50	ug/L							03/21/19	
1,2-Dichloroethane	ND	0.50	ug/L							03/21/19	
1,2-Dichloropropane	ND	0.50	ug/L							03/21/19	
1,3,5-Trimethylbenzene	ND	0.50	ug/L							03/21/19	
1,3-Dichlorobenzene	ND	0.50	ug/L							03/21/19	
1,3-Dichloropropane	ND	0.50	ug/L							03/21/19	
1,4-Dichlorobenzene	ND	0.50	ug/L							03/21/19	
2,2-Dichloropropane	ND	0.50	ug/L							03/21/19	
2-Butanone	ND	5.0	ug/L							03/21/19	
2-Chlorotoluene	ND	0.50	ug/L							03/21/19	
2-Hexanone	ND	10	ug/L							03/21/19	
4-Chlorotoluene	ND	0.50	ug/L							03/21/19	
4-Methyl-2-pentanone	ND	5.0	ug/L							03/21/19	
Acetone	ND	10	ug/L							03/21/19	
Benzene	ND	0.50	ug/L							03/21/19	
Bromobenzene	ND	0.50	ug/L							03/21/19	
Bromochloromethane	ND	0.50	ug/L							03/21/19	
Bromodichloromethane	ND	0.50	ug/L							03/21/19	
Bromoform	ND	0.50	ug/L							03/21/19	
Bromomethane	ND	0.50	ug/L							03/21/19	
Carbon Tetrachloride	ND	0.50	ug/L							03/21/19	

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A9C1872

General - non EDT

**BSK Associates Laboratory Fresno  
Organics Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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**EPA 524.2 - Quality Control**

Batch: A903879

Prepared: 3/21/2019

Prep Method: EPA 524.2

Analyst: ANM

**Blank (A903879-BLK1)**

Chlorobenzene	ND	0.50	ug/L							03/21/19	
Chloroethane	ND	0.50	ug/L							03/21/19	
Chloroform	ND	0.50	ug/L							03/21/19	
Chloromethane	ND	0.50	ug/L							03/21/19	
cis-1,2-Dichloroethene	ND	0.50	ug/L							03/21/19	
cis-1,3-Dichloropropene	ND	0.50	ug/L							03/21/19	
Dibromochloromethane	ND	0.50	ug/L							03/21/19	
Dibromomethane	ND	0.50	ug/L							03/21/19	
Dichlorodifluoromethane	ND	0.50	ug/L							03/21/19	
Dichloromethane	ND	0.50	ug/L							03/21/19	
Di-isopropyl ether (DIPE)	ND	3.0	ug/L							03/21/19	
Ethyl tert-Butyl Ether (ETBE)	ND	0.50	ug/L							03/21/19	
Ethylbenzene	ND	0.50	ug/L							03/21/19	
Hexachlorobutadiene	ND	0.50	ug/L							03/21/19	
Isopropylbenzene	ND	0.50	ug/L							03/21/19	
m,p-Xylenes	ND	0.50	ug/L							03/21/19	
Methyl-t-butyl ether	ND	0.50	ug/L							03/21/19	
Naphthalene	ND	0.50	ug/L							03/21/19	
n-Butylbenzene	ND	0.50	ug/L							03/21/19	
n-Propylbenzene	ND	0.50	ug/L							03/21/19	
o-Xylene	ND	0.50	ug/L							03/21/19	
p-Isopropyltoluene	ND	0.50	ug/L							03/21/19	
sec-Butylbenzene	ND	0.50	ug/L							03/21/19	
Styrene	ND	0.50	ug/L							03/21/19	
tert-Amyl Methyl Ether (TAME)	ND	3.0	ug/L							03/21/19	
tert-Butylbenzene	ND	0.50	ug/L							03/21/19	
Tetrachloroethene (PCE)	ND	0.50	ug/L							03/21/19	
Toluene	ND	0.50	ug/L							03/21/19	
trans-1,2-Dichloroethene	ND	0.50	ug/L							03/21/19	
trans-1,3-Dichloropropene	ND	0.50	ug/L							03/21/19	
Trichloroethene (TCE)	ND	0.50	ug/L							03/21/19	
Trichlorofluoromethane	ND	5.0	ug/L							03/21/19	
Vinyl Chloride	ND	0.50	ug/L							03/21/19	
Surrogate: 1,2-Dichlorobenzene-d4	46			50		93	70-130			03/21/19	
Surrogate: Bromofluorobenzene	50			50		100	70-130			03/21/19	

**Blank Spike (A903879-BS1)**

1,1,1,2-Tetrachloroethane	11	0.50	ug/L	10	ND	105	70-130			03/21/19	
1,1,1-Trichloroethane	11	0.50	ug/L	10	ND	108	70-130			03/21/19	
1,1,2,2-Tetrachloroethane	11	0.50	ug/L	10	ND	105	70-130			03/21/19	
1,1,2-Trichloro-1,2,2-trifluoroethane	12	10	ug/L	10	ND	118	70-130			03/21/19	
1,1,2-Trichloroethane	11	0.50	ug/L	10	ND	107	70-130			03/21/19	
1,1-Dichloroethane	11	0.50	ug/L	10	ND	106	70-130			03/21/19	

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A9C1872 FINAL 04052019 1413





A9C1872

General - non EDT

**BSK Associates Laboratory Fresno  
Organics Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Date Analyzed	Qual
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**EPA 524.2 - Quality Control**

Batch: A903879

Prepared: 3/21/2019

Prep Method: EPA 524.2

Analyst: ANM

**Blank Spike (A903879-BS1)**

1,1-Dichloroethene	11	0.50	ug/L	10	ND	109	70-130			03/21/19	
1,1-Dichloropropene	11	0.50	ug/L	10	ND	110	70-130			03/21/19	
1,2,3-Trichlorobenzene	11	0.50	ug/L	10	ND	106	70-130			03/21/19	
1,2,4-Trichlorobenzene	11	0.50	ug/L	10	ND	107	70-130			03/21/19	
1,2,4-Trimethylbenzene	11	0.50	ug/L	10	ND	106	70-130			03/21/19	
1,2-Dichlorobenzene	10	0.50	ug/L	10	ND	104	70-130			03/21/19	
1,2-Dichloroethane	11	0.50	ug/L	10	ND	107	70-130			03/21/19	
1,2-Dichloropropane	11	0.50	ug/L	10	ND	106	70-130			03/21/19	
1,3,5-Trimethylbenzene	11	0.50	ug/L	10	ND	106	70-130			03/21/19	
1,3-Dichlorobenzene	11	0.50	ug/L	10	ND	106	70-130			03/21/19	
1,3-Dichloropropane	11	0.50	ug/L	10	ND	105	70-130			03/21/19	
1,4-Dichlorobenzene	10	0.50	ug/L	10	ND	105	70-130			03/21/19	
2,2-Dichloropropane	12	0.50	ug/L	10	ND	116	70-130			03/21/19	
2-Butanone	10	5.0	ug/L	10	ND	102	70-130			03/21/19	
2-Chlorotoluene	11	0.50	ug/L	10	ND	106	70-130			03/21/19	
2-Hexanone	11	10	ug/L	10	ND	105	70-130			03/21/19	
4-Chlorotoluene	11	0.50	ug/L	10	ND	106	70-130			03/21/19	
4-Methyl-2-pentanone	11	5.0	ug/L	10	ND	108	70-130			03/21/19	
Acetone	10	10	ug/L	10	ND	103	70-130			03/21/19	
Benzene	10	0.50	ug/L	10	ND	105	70-130			03/21/19	
Bromobenzene	11	0.50	ug/L	10	ND	106	70-130			03/21/19	
Bromochloromethane	10	0.50	ug/L	10	ND	104	70-130			03/21/19	
Bromodichloromethane	11	0.50	ug/L	10	ND	105	70-130			03/21/19	
Bromoform	10	0.50	ug/L	10	ND	103	70-130			03/21/19	
Bromomethane	9.6	0.50	ug/L	10	ND	96	70-130			03/21/19	
Carbon disulfide	11	10	ug/L	10	ND	106	70-130			03/21/19	
Carbon Tetrachloride	11	0.50	ug/L	10	ND	109	70-130			03/21/19	
Chlorobenzene	10	0.50	ug/L	10	ND	105	70-130			03/21/19	
Chloroethane	11	0.50	ug/L	10	ND	109	70-130			03/21/19	
Chloroform	10	0.50	ug/L	10	ND	101	70-130			03/21/19	
Chloromethane	10	0.50	ug/L	10	ND	103	70-130			03/21/19	
cis-1,2-Dichloroethene	10	0.50	ug/L	10	ND	104	70-130			03/21/19	
cis-1,3-Dichloropropene	11	0.50	ug/L	10	ND	107	70-130			03/21/19	
Dibromochloromethane	11	0.50	ug/L	10	ND	109	70-130			03/21/19	
Dibromomethane	10	0.50	ug/L	10	ND	105	70-130			03/21/19	
Dichlorodifluoromethane	11	0.50	ug/L	10	ND	110	70-130			03/21/19	
Dichloromethane	11	0.50	ug/L	10	ND	114	70-130			03/21/19	
Di-isopropyl ether (DIPE)	11	3.0	ug/L	10	ND	107	70-130			03/21/19	
Ethyl tert-Butyl Ether (ETBE)	11	0.50	ug/L	10	ND	108	70-130			03/21/19	
Ethylbenzene	10	0.50	ug/L	10	ND	105	70-130			03/21/19	
Hexachlorobutadiene	11	0.50	ug/L	10	ND	110	70-130			03/21/19	
Isopropylbenzene	11	0.50	ug/L	10	ND	106	70-130			03/21/19	
m,p-Xylenes	22	0.50	ug/L	20	ND	109	70-130			03/21/19	

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A9C1872 FINAL 04052019 1413



A9C1872

General - non EDT

**BSK Associates Laboratory Fresno  
Organics Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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**EPA 524.2 - Quality Control**

Batch: A903879

Prepared: 3/21/2019

Prep Method: EPA 524.2

Analyst: ANM

**Blank Spike (A903879-BS1)**

Methyl-t-butyl ether	21	0.50	ug/L	20	ND	105	70-130			03/21/19	
Naphthalene	11	0.50	ug/L	10	ND	107	70-130			03/21/19	
n-Butylbenzene	11	0.50	ug/L	10	ND	108	70-130			03/21/19	
n-Propylbenzene	11	0.50	ug/L	10	ND	108	70-130			03/21/19	
o-Xylene	11	0.50	ug/L	10	ND	106	70-130			03/21/19	
p-Isopropyltoluene	11	0.50	ug/L	10	ND	106	70-130			03/21/19	
sec-Butylbenzene	11	0.50	ug/L	10	ND	107	70-130			03/21/19	
Styrene	10	0.50	ug/L	10	ND	104	70-130			03/21/19	
tert-Amyl Methyl Ether (TAME)	10	3.0	ug/L	10	ND	102	70-130			03/21/19	
tert-Butylbenzene	12	0.50	ug/L	10	ND	122	70-130			03/21/19	
Tetrachloroethene (PCE)	11	0.50	ug/L	10	ND	107	70-130			03/21/19	
Toluene	11	0.50	ug/L	10	ND	106	70-130			03/21/19	
trans-1,2-Dichloroethene	11	0.50	ug/L	10	ND	108	70-130			03/21/19	
trans-1,3-Dichloropropene	11	0.50	ug/L	10	ND	106	70-130			03/21/19	
Trichloroethene (TCE)	11	0.50	ug/L	10	ND	107	70-130			03/21/19	
Trichlorofluoromethane	10	5.0	ug/L	10	ND	100	70-130			03/21/19	
Vinyl Chloride	13	0.50	ug/L	10	ND	127	70-130			03/21/19	
Surrogate: 1,2-Dichlorobenzene-d4	46			50		93	70-130			03/21/19	
Surrogate: Bromofluorobenzene	47			50		95	70-130			03/21/19	

**Blank Spike Dup (A903879-BSD1)**

1,1,1,2-Tetrachloroethane	11	0.50	ug/L	10	ND	106	70-130	1	30	03/21/19	
1,1,1-Trichloroethane	11	0.50	ug/L	10	ND	106	70-130	3	30	03/21/19	
1,1,2,2-Tetrachloroethane	11	0.50	ug/L	10	ND	107	70-130	2	30	03/21/19	
1,1,2-Trichloro-1,2,2-trifluoroethane	12	10	ug/L	10	ND	122	70-130	3	30	03/21/19	
1,1,2-Trichloroethane	11	0.50	ug/L	10	ND	109	70-130	2	30	03/21/19	
1,1-Dichloroethane	10	0.50	ug/L	10	ND	104	70-130	2	30	03/21/19	
1,1-Dichloroethene	11	0.50	ug/L	10	ND	106	70-130	4	30	03/21/19	
1,1-Dichloropropene	11	0.50	ug/L	10	ND	107	70-130	3	30	03/21/19	
1,2,3-Trichlorobenzene	11	0.50	ug/L	10	ND	109	70-130	3	30	03/21/19	
1,2,4-Trichlorobenzene	11	0.50	ug/L	10	ND	110	70-130	2	30	03/21/19	
1,2,4-Trimethylbenzene	11	0.50	ug/L	10	ND	110	70-130	4	30	03/21/19	
1,2-Dichlorobenzene	11	0.50	ug/L	10	ND	109	70-130	5	30	03/21/19	
1,2-Dichloroethane	11	0.50	ug/L	10	ND	106	70-130	1	30	03/21/19	
1,2-Dichloropropane	11	0.50	ug/L	10	ND	106	70-130	0	30	03/21/19	
1,3,5-Trimethylbenzene	11	0.50	ug/L	10	ND	108	70-130	2	30	03/21/19	
1,3-Dichlorobenzene	11	0.50	ug/L	10	ND	108	70-130	2	30	03/21/19	
1,3-Dichloropropane	11	0.50	ug/L	10	ND	108	70-130	2	30	03/21/19	
1,4-Dichlorobenzene	11	0.50	ug/L	10	ND	108	70-130	3	30	03/21/19	
2,2-Dichloropropane	11	0.50	ug/L	10	ND	110	70-130	5	30	03/21/19	
2-Butanone	9.9	5.0	ug/L	10	ND	99	70-130	3	30	03/21/19	
2-Chlorotoluene	11	0.50	ug/L	10	ND	110	70-130	4	30	03/21/19	
2-Hexanone	11	10	ug/L	10	ND	105	70-130	0	30	03/21/19	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

A9C1872 FINAL 04052019 1413



A9C1872

General - non EDT

**BSK Associates Laboratory Fresno  
Organics Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Date Analyzed	Qual
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**EPA 524.2 - Quality Control**

Batch: A903879

Prepared: 3/21/2019

Prep Method: EPA 524.2

Analyst: ANM

**Blank Spike Dup (A903879-BSD1)**

4-Chlorotoluene	11	0.50	ug/L	10	ND	110	70-130	4	30	03/21/19	
4-Methyl-2-pentanone	11	5.0	ug/L	10	ND	108	70-130	0	30	03/21/19	
Acetone	10	10	ug/L	10	ND	101	70-130	2	30	03/21/19	
Benzene	10	0.50	ug/L	10	ND	103	70-130	2	30	03/21/19	
Bromobenzene	11	0.50	ug/L	10	ND	111	70-130	5	30	03/21/19	
Bromochloromethane	10	0.50	ug/L	10	ND	104	70-130	0	30	03/21/19	
Bromodichloromethane	11	0.50	ug/L	10	ND	106	70-130	1	30	03/21/19	
Bromoform	11	0.50	ug/L	10	ND	106	70-130	2	30	03/21/19	
Bromomethane	9.5	0.50	ug/L	10	ND	95	70-130	1	30	03/21/19	
Carbon disulfide	9.9	10	ug/L	10	ND	99	70-130	7	30	03/21/19	
Carbon Tetrachloride	11	0.50	ug/L	10	ND	106	70-130	2	30	03/21/19	
Chlorobenzene	11	0.50	ug/L	10	ND	107	70-130	2	30	03/21/19	
Chloroethane	9.4	0.50	ug/L	10	ND	94	70-130	15	30	03/21/19	
Chloroform	10	0.50	ug/L	10	ND	100	70-130	2	30	03/21/19	
Chloromethane	11	0.50	ug/L	10	ND	109	70-130	5	30	03/21/19	
cis-1,2-Dichloroethene	10	0.50	ug/L	10	ND	103	70-130	1	30	03/21/19	
cis-1,3-Dichloropropene	11	0.50	ug/L	10	ND	107	70-130	1	30	03/21/19	
Dibromochloromethane	11	0.50	ug/L	10	ND	106	70-130	2	30	03/21/19	
Dibromomethane	11	0.50	ug/L	10	ND	107	70-130	2	30	03/21/19	
Dichlorodifluoromethane	10	0.50	ug/L	10	ND	100	70-130	10	30	03/21/19	
Dichloromethane	10	0.50	ug/L	10	ND	104	70-130	9	30	03/21/19	
Di-isopropyl ether (DIPE)	11	3.0	ug/L	10	ND	107	70-130	1	30	03/21/19	
Ethyl tert-Butyl Ether (ETBE)	11	0.50	ug/L	10	ND	107	70-130	1	30	03/21/19	
Ethylbenzene	11	0.50	ug/L	10	ND	107	70-130	2	30	03/21/19	
Hexachlorobutadiene	11	0.50	ug/L	10	ND	110	70-130	0	30	03/21/19	
Isopropylbenzene	11	0.50	ug/L	10	ND	106	70-130	0	30	03/21/19	
m,p-Xylenes	22	0.50	ug/L	20	ND	110	70-130	1	30	03/21/19	
Methyl-t-butyl ether	21	0.50	ug/L	20	ND	104	70-130	1	30	03/21/19	
Naphthalene	11	0.50	ug/L	10	ND	108	70-130	1	30	03/21/19	
n-Butylbenzene	11	0.50	ug/L	10	ND	111	70-130	3	30	03/21/19	
n-Propylbenzene	11	0.50	ug/L	10	ND	109	70-130	1	30	03/21/19	
o-Xylene	11	0.50	ug/L	10	ND	109	70-130	3	30	03/21/19	
p-Isopropyltoluene	11	0.50	ug/L	10	ND	108	70-130	2	30	03/21/19	
sec-Butylbenzene	11	0.50	ug/L	10	ND	109	70-130	2	30	03/21/19	
Styrene	11	0.50	ug/L	10	ND	108	70-130	3	30	03/21/19	
tert-Amyl Methyl Ether (TAME)	9.9	3.0	ug/L	10	ND	99	70-130	3	30	03/21/19	
tert-Butylbenzene	12	0.50	ug/L	10	ND	120	70-130	1	30	03/21/19	
Tetrachloroethene (PCE)	11	0.50	ug/L	10	ND	106	70-130	1	30	03/21/19	
Toluene	11	0.50	ug/L	10	ND	106	70-130	0	30	03/21/19	
trans-1,2-Dichloroethene	10	0.50	ug/L	10	ND	105	70-130	3	30	03/21/19	
trans-1,3-Dichloropropene	11	0.50	ug/L	10	ND	109	70-130	3	30	03/21/19	
Trichloroethene (TCE)	10	0.50	ug/L	10	ND	105	70-130	2	30	03/21/19	
Trichlorofluoromethane	9.9	5.0	ug/L	10	ND	99	70-130	1	30	03/21/19	

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A9C1872 FINAL 04052019 1413



A9C1872

General - non EDT

**BSK Associates Laboratory Fresno  
Organics Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limit	RPD	Limit	Date Analyzed	Qual
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**EPA 524.2 - Quality Control**

Batch: A903879

Prepared: 3/21/2019

Prep Method: EPA 524.2

Analyst: ANM

**Blank Spike Dup (A903879-BSD1)**

Vinyl Chloride	11	0.50	ug/L	10	ND	107	70-130	17	30	03/21/19	
Surrogate: 1,2-Dichlorobenzene-d4	49			50		97	70-130			03/21/19	
Surrogate: Bromofluorobenzene	51			50		102	70-130			03/21/19	

**Matrix Spike (A903879-MS1), Source: A9C1872-01**

1,1,1,2-Tetrachloroethane	10	0.50	ug/L	10	ND	104	41-156			03/22/19	
1,1,1-Trichloroethane	11	0.50	ug/L	10	ND	113	48-160			03/22/19	
1,1,2,2-Tetrachloroethane	11	0.50	ug/L	10	ND	109	42-151			03/22/19	
1,1,2-Trichloro-1,2,2-trifluoroethane	12	10	ug/L	10	ND	119	47-164			03/22/19	
1,1,2-Trichloroethane	10	0.50	ug/L	10	ND	104	45-152			03/22/19	
1,1-Dichloroethane	11	0.50	ug/L	10	ND	109	48-157			03/22/19	
1,1-Dichloroethene	10	0.50	ug/L	10	ND	105	51-158			03/22/19	
1,1-Dichloropropene	7.1	0.50	ug/L	10	ND	71	46-162			03/22/19	
1,2,3-Trichlorobenzene	10	0.50	ug/L	10	ND	100	37-145			03/22/19	
1,2,4-Trichlorobenzene	9.9	0.50	ug/L	10	ND	99	33-149			03/22/19	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	10	ND	0	44-146			03/22/19	MS1.0 Low
1,2-Dichlorobenzene	9.9	0.50	ug/L	10	ND	99	44-146			03/22/19	
1,2-Dichloroethane	11	0.50	ug/L	10	ND	106	47-151			03/22/19	
1,2-Dichloropropane	11	0.50	ug/L	10	ND	108	47-155			03/22/19	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	10	ND	0	45-154			03/22/19	MS1.1 Low
1,3-Dichlorobenzene	10	0.50	ug/L	10	ND	103	44-146			03/22/19	
1,3-Dichloropropane	10	0.50	ug/L	10	ND	102	45-151			03/22/19	
1,4-Dichlorobenzene	10	0.50	ug/L	10	ND	100	43-146			03/22/19	
2,2-Dichloropropane	10	0.50	ug/L	10	ND	105	24-182			03/22/19	
2-Butanone	8.9	5.0	ug/L	10	ND	89	55-144			03/22/19	
2-Chlorotoluene	13	0.50	ug/L	10	ND	131	48-150			03/22/19	
2-Hexanone	9.3	10	ug/L	10	ND	93	40-159			03/22/19	
4-Chlorotoluene	11	0.50	ug/L	10	ND	107	43-150			03/22/19	
4-Methyl-2-pentanone	9.9	5.0	ug/L	10	ND	99	30-171			03/22/19	
Acetone	7.8	10	ug/L	10	ND	78	27-181			03/22/19	
Benzene	11	0.50	ug/L	10	ND	107	48-155			03/22/19	
Bromobenzene	12	0.50	ug/L	10	ND	118	43-151			03/22/19	
Bromochloromethane	10	0.50	ug/L	10	ND	103	48-161			03/22/19	
Bromodichloromethane	11	0.50	ug/L	10	ND	107	47-151			03/22/19	
Bromoform	13	0.50	ug/L	10	2.7	99	29-162			03/22/19	
Bromomethane	6.3	0.50	ug/L	10	ND	63	10-200			03/22/19	
Carbon disulfide	11	10	ug/L	10	ND	111	57-161			03/22/19	
Carbon Tetrachloride	11	0.50	ug/L	10	ND	115	47-163			03/22/19	
Chlorobenzene	10	0.50	ug/L	10	ND	105	46-152			03/22/19	
Chloroethane	11	0.50	ug/L	10	ND	114	28-189			03/22/19	
Chloroform	9.0	0.50	ug/L	10	ND	90	52-148			03/22/19	
Chloromethane	14	0.50	ug/L	10	ND	138	53-159			03/22/19	
cis-1,2-Dichloroethene	12	0.50	ug/L	10	1.2	106	50-152			03/22/19	

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**BSK Associates Laboratory Fresno  
Organics Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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**EPA 524.2 - Quality Control**

Batch: A903879

Prepared: 3/21/2019

Prep Method: EPA 524.2

Analyst: ANM

**Matrix Spike (A903879-MS1), Source: A9C1872-01**

cis-1,3-Dichloropropene	9.1	0.50	ug/L	10	ND	91	34-156			03/22/19	
Dibromochloromethane	11	0.50	ug/L	10	1.2	102	44-149			03/22/19	
Dibromomethane	10	0.50	ug/L	10	ND	103	46-150			03/22/19	
Dichlorodifluoromethane	12	0.50	ug/L	10	ND	120	33-170			03/22/19	
Dichloromethane	11	0.50	ug/L	10	ND	112	47-156			03/22/19	
Di-isopropyl ether (DIPE)	11	3.0	ug/L	10	ND	106	41-159			03/22/19	
Ethyl tert-Butyl Ether (ETBE)	10	0.50	ug/L	10	ND	104	32-160			03/22/19	
Ethylbenzene	8.5	0.50	ug/L	10	ND	85	40-157			03/22/19	
Hexachlorobutadiene	11	0.50	ug/L	10	ND	107	38-151			03/22/19	
Isopropylbenzene	9.7	0.50	ug/L	10	ND	97	41-156			03/22/19	
m,p-Xylenes	1.8	0.50	ug/L	20	ND	9	49-154			03/22/19	MS1.1 Low
Methyl-t-butyl ether	20	0.50	ug/L	20	ND	102	41-156			03/22/19	
Naphthalene	ND	0.50	ug/L	10	ND	0	35-154			03/22/19	MS1.1 Low
n-Butylbenzene	8.3	0.50	ug/L	10	ND	83	31-153			03/22/19	
n-Propylbenzene	9.3	0.50	ug/L	10	ND	93	39-156			03/22/19	
o-Xylene	2.0	0.50	ug/L	10	ND	20	27-164			03/22/19	MS1.1 Low
p-Isopropyltoluene	2.5	0.50	ug/L	10	ND	25	26-161			03/22/19	MS1.1 Low
sec-Butylbenzene	9.2	0.50	ug/L	10	ND	92	39-154			03/22/19	
Styrene	ND	0.50	ug/L	10	ND	0	10-200			03/22/19	MS1.1 Low
tert-Amyl Methyl Ether (TAME)	9.4	3.0	ug/L	10	ND	94	24-161			03/22/19	
tert-Butylbenzene	12	0.50	ug/L	10	ND	119	40-153			03/22/19	
Tetrachloroethene (PCE)	11	0.50	ug/L	10	ND	109	48-155			03/22/19	
Toluene	8.1	0.50	ug/L	10	ND	81	40-159			03/22/19	
trans-1,2-Dichloroethene	11	0.50	ug/L	10	ND	112	52-157			03/22/19	
trans-1,3-Dichloropropene	9.0	0.50	ug/L	10	ND	90	28-160			03/22/19	
Trichloroethene (TCE)	11	0.50	ug/L	10	0.56	109	49-155			03/22/19	
Trichlorofluoromethane	11	5.0	ug/L	10	ND	112	47-169			03/22/19	
Vinyl Chloride	3.0	0.50	ug/L	10	ND	30	21-183			03/22/19	
Surrogate: 1,2-Dichlorobenzene-d4	45			50		90	70-130			03/22/19	
Surrogate: Bromofluorobenzene	51			50		103	70-130			03/22/19	

**EPA 525.3 - Quality Control**

Batch: A903993

Prepared: 3/24/2019

Prep Method: EPA 525.3

Analyst: JKH

**Blank (A903993-BLK1)**

Alachlor	ND	1.0	ug/L							03/25/19	
Atrazine	ND	0.50	ug/L							03/25/19	
Benzo(a)pyrene	ND	0.10	ug/L							03/25/19	
Bis(2-ethylhexyl) adipate	ND	3.0	ug/L							03/25/19	
Bis(2-ethylhexyl) phthalate	ND	3.0	ug/L							03/25/19	
Bromacil	ND	10	ug/L							03/25/19	
Butachlor	ND	0.38	ug/L							03/25/19	

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A9C1872 FINAL 04052019 1413

**BSK Associates Laboratory Fresno  
Organics Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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**EPA 525.3 - Quality Control**

Batch: A903993

Prepared: 3/24/2019

Prep Method: EPA 525.3

Analyst: JKH

**Blank (A903993-BLK1)**

Diazinon	ND	0.25	ug/L							03/25/19	
Dimethoate	ND	10	ug/L							03/25/19	
Metolachlor	ND	0.50	ug/L							03/25/19	
Metribuzin	ND	0.50	ug/L							03/25/19	
Molinate	ND	2.0	ug/L							03/25/19	
Propachlor	ND	0.50	ug/L							03/25/19	
Simazine	ND	1.0	ug/L							03/25/19	
Thiobencarb	ND	1.0	ug/L							03/25/19	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	1.0			1.0		100	70-130			03/25/19	
Surrogate: Benzo(a)pyrene-d12	1.0			1.0		104	70-130			03/25/19	
Surrogate: Triphenyl Phosphate	1.1			1.0		107	70-130			03/25/19	

**Blank Spike (A903993-BS1)**

Alachlor	0.22	1.0	ug/L	0.20	ND	110	70-130			03/25/19	
Atrazine	0.12	0.50	ug/L	0.10	ND	116	70-130			03/25/19	
Benzo(a)pyrene	0.019	0.10	ug/L	0.020	ND	96	70-130			03/25/19	
Bis(2-ethylhexyl) adipate	0.57	3.0	ug/L	0.40	ND	143	70-130			03/25/19	BS1.3 High
Bis(2-ethylhexyl) phthalate	0.82	3.0	ug/L	0.60	ND	136	70-130			03/25/19	BS1.3 High
Bromacil	0.26	10	ug/L	0.20	ND	128	70-130			03/25/19	
Butachlor	0.26	0.38	ug/L	0.20	ND	132	70-130			03/25/19	BS1.3 High
Diazinon	0.27	0.25	ug/L	0.25	ND	107	70-130			03/25/19	
Dimethoate	0.45	10	ug/L	0.40	ND	113	70-130			03/25/19	
Metolachlor	0.27	0.50	ug/L	0.25	ND	109	70-130			03/25/19	
Metribuzin	0.24	0.50	ug/L	0.20	ND	119	70-130			03/25/19	
Molinate	0.41	2.0	ug/L	0.40	ND	103	70-130			03/25/19	
Propachlor	0.11	0.50	ug/L	0.10	ND	108	70-130			03/25/19	
Simazine	0.080	1.0	ug/L	0.070	ND	114	70-130			03/25/19	
Thiobencarb	0.22	1.0	ug/L	0.20	ND	112	70-130			03/25/19	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	0.97			1.0		97	70-130			03/25/19	
Surrogate: Benzo(a)pyrene-d12	1.0			1.0		100	70-130			03/25/19	
Surrogate: Triphenyl Phosphate	1.1			1.0		106	70-130			03/25/19	

**Blank Spike Dup (A903993-BSD1)**

Alachlor	0.22	1.0	ug/L	0.20	ND	111	70-130	0	30	03/25/19	
Atrazine	0.12	0.50	ug/L	0.10	ND	115	70-130	1	30	03/25/19	
Benzo(a)pyrene	0.019	0.10	ug/L	0.020	ND	97	70-130	1	30	03/25/19	
Bis(2-ethylhexyl) adipate	0.57	3.0	ug/L	0.40	ND	143	70-130	0	30	03/25/19	BS1.3 High
Bis(2-ethylhexyl) phthalate	0.89	3.0	ug/L	0.60	ND	149	70-130	9	30	03/25/19	BS1.3 High
Bromacil	0.26	10	ug/L	0.20	ND	128	70-130	1	30	03/25/19	
Butachlor	0.26	0.38	ug/L	0.20	ND	130	70-130	1	30	03/25/19	
Diazinon	0.27	0.25	ug/L	0.25	ND	107	70-130	0	30	03/25/19	
Dimethoate	0.47	10	ug/L	0.40	ND	119	70-130	5	30	03/25/19	
Metolachlor	0.27	0.50	ug/L	0.25	ND	109	70-130	0	30	03/25/19	
Metribuzin	0.23	0.50	ug/L	0.20	ND	116	70-130	2	30	03/25/19	

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A9C1872 FINAL 04052019 1413

**BSK Associates Laboratory Fresno  
Organics Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Date Analyzed	Qual
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**EPA 525.3 - Quality Control**

Batch: A903993

Prepared: 3/24/2019

Prep Method: EPA 525.3

Analyst: JKH

**Blank Spike Dup (A903993-BSD1)**

Molinate	0.41	2.0	ug/L	0.40	ND	103	70-130	0	30	03/25/19	
Propachlor	0.11	0.50	ug/L	0.10	ND	110	70-130	2	30	03/25/19	
Simazine	0.080	1.0	ug/L	0.070	ND	114	70-130	0	30	03/25/19	
Thiobencarb	0.23	1.0	ug/L	0.20	ND	114	70-130	1	30	03/25/19	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	0.96			1.0		96	70-130			03/25/19	
Surrogate: Benzo(a)pyrene-d12	1.0			1.0		100	70-130			03/25/19	
Surrogate: Triphenyl Phosphate	1.1			1.0		105	70-130			03/25/19	

**Matrix Spike (A903993-MS1), Source: A9C1409-01**

Alachlor	1.0	1.0	ug/L	0.95	ND	105	70-130			03/25/19	
Atrazine	0.49	0.50	ug/L	0.48	ND	102	70-130			03/25/19	
Benzo(a)pyrene	0.091	0.10	ug/L	0.095	ND	96	70-130			03/25/19	
Bis(2-ethylhexyl) adipate	2.2	3.0	ug/L	1.9	ND	116	70-130			03/25/19	
Bis(2-ethylhexyl) phthalate	3.0	3.0	ug/L	2.9	ND	107	70-130			03/25/19	
Bromacil	1.2	10	ug/L	0.95	ND	130	70-130			03/25/19	
Butachlor	1.1	0.38	ug/L	0.95	ND	119	70-130			03/25/19	
Diazinon	1.3	0.25	ug/L	1.2	ND	104	70-130			03/25/19	
Dimethoate	2.2	10	ug/L	1.9	ND	116	70-130			03/25/19	
Metolachlor	1.3	0.50	ug/L	1.2	ND	106	70-130			03/25/19	
Metribuzin	1.1	0.50	ug/L	0.95	ND	115	70-130			03/25/19	
Molinate	1.8	2.0	ug/L	1.9	ND	97	70-130			03/25/19	
Propachlor	0.52	0.50	ug/L	0.48	ND	110	70-130			03/25/19	
Simazine	0.33	1.0	ug/L	0.33	ND	100	70-130			03/25/19	
Thiobencarb	1.0	1.0	ug/L	0.95	ND	106	70-130			03/25/19	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	0.91			0.95		95	70-130			03/25/19	
Surrogate: Benzo(a)pyrene-d12	0.96			0.95		100	70-130			03/25/19	
Surrogate: Triphenyl Phosphate	1.0			0.95		106	70-130			03/25/19	

**SRL 524M-TCP - Quality Control**

Batch: A903818

Prepared: 3/20/2019

Prep Method: no prep-volatiles

Analyst: ANM

**Blank (A903818-BLK1)**

1,2,3-Trichloropropane	ND	0.0050	ug/L							03/20/19	
------------------------	----	--------	------	--	--	--	--	--	--	----------	--

**Blank Spike (A903818-BS1)**

1,2,3-Trichloropropane	0.0048	0.0050	ug/L	0.0050	ND	95	80-120			03/20/19	
------------------------	--------	--------	------	--------	----	----	--------	--	--	----------	--

**Blank Spike Dup (A903818-BSD1)**

1,2,3-Trichloropropane	0.0050	0.0050	ug/L	0.0050	ND	99	80-120	4	30	03/20/19	
------------------------	--------	--------	------	--------	----	----	--------	---	----	----------	--

**Duplicate (A903818-DUP1), Source: A9C2194-01**

1,2,3-Trichloropropane	ND	0.0050	ug/L		ND				20	03/21/19	
------------------------	----	--------	------	--	----	--	--	--	----	----------	--

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

A9C1872 FINAL 04052019 1413



**A9C1872**

General - non EDT

**BSK Associates Laboratory Fresno  
Organics Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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**SRL 524M-TCP - Quality Control**

Batch: A903830

Prepared: 3/20/2019

Prep Method: no prep-volatiles

Analyst: ANM

**Blank (A903830-BLK1)**

1,2,3-Trichloropropane	ND	0.0050	ug/L							03/21/19	
------------------------	----	--------	------	--	--	--	--	--	--	----------	--

**Blank Spike (A903830-BS1)**

1,2,3-Trichloropropane	0.0052	0.0050	ug/L	0.0050	ND	105	80-120			03/21/19	
------------------------	--------	--------	------	--------	----	-----	--------	--	--	----------	--

**Blank Spike Dup (A903830-BSD1)**

1,2,3-Trichloropropane	0.0053	0.0050	ug/L	0.0050	ND	106	80-120	1	30	03/21/19	
------------------------	--------	--------	------	--------	----	-----	--------	---	----	----------	--

**Duplicate (A903830-DUP1), Source: A9C2188-01**

1,2,3-Trichloropropane	0.0084	0.0050	ug/L		0.0087			4	20	03/21/19	
------------------------	--------	--------	------	--	--------	--	--	---	----	----------	--

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





A9C1872

General - non EDT

**BSK Associates Laboratory Fresno  
Radiological Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Date Analyzed	Qual
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**SM 7110C - Quality Control**

Batch: A903851

Prepared: 3/21/2019

Prep Method: EPA 00-02

Analyst: SAB

**Blank (A903851-BLK1)**

Gross Alpha	ND		3	pCi/L						03/22/19	
Gross Alpha 1.65 Sigma Uncertainty	ND		0.00	pCi/L						03/22/19	
Gross Alpha MDA95	ND		0.00	pCi/L						03/22/19	

**Blank Spike (A903851-BS1)**

Gross Alpha	29.7		3	pCi/L	30	ND	99	73-127		03/22/19	
-------------	------	--	---	-------	----	----	----	--------	--	----------	--

**Blank Spike Dup (A903851-BSD1)**

Gross Alpha	32.7		3	pCi/L	30	ND	109	73-127	10	50	03/22/19
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**Matrix Spike (A903851-MS1), Source: A9C1958-01**

Gross Alpha	103		3	pCi/L	120	ND	86	70-130			03/22/19
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**Matrix Spike Dup (A903851-MSD1), Source: A9C1958-01**

Gross Alpha	88.6		3	pCi/L	120	ND	74	70-130	15	50	03/22/19
-------------	------	--	---	-------	-----	----	----	--------	----	----	----------

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

### Certificate of Analysis

**Notes:**

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of according to BSK's sample retention policy unless other arrangements are made in advance.
- All positive results for EPA Methods 504.1 and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- Field tests are outside the scope of laboratory accreditation and there is no certification available for field testing.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.
- Due to the subjective nature of the Threshold Odor Method, all characterizations of the detected odor are the opinion of the panel of analysts. The characterizations can be found in Standard Methods 2170B Figure 2170.1.
- The MCLs provided in this report (if applicable) represent the primary MCLs for that analyte.

**Definitions**

mg/L:	Milligrams/Liter (ppm)	MDL:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit: DL x Dilution	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)	ND:	None Detected below MRL/MDL	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	pCi/L:	PicoCuries per Liter	Absent:	Less than 1 CFU/100mLs
%:	Percent	RL Mult:	RL Multiplier	Present:	1 or more CFU/100mLs
NR:	Non-Reportable	MCL:	Maximum Contaminant Limit	U:	The analyte was not detected at or above the reported sample quantitation limit.

**Please see the individual Subcontract Lab's report for applicable certifications.**

**BSK is not accredited under the NELAP program for the following parameters:**

Chlorothalonil

Trifluralin

1,2,3-Trichloropropane



Certificate of Analysis

Certifications: Please refer to our website for a copy of our Accredited Fields of Testing under each certification.

Fresno

State of California - ELAP	1180	State of Hawaii	4021
Los Angeles CSD	9254479	NELAP certified	4021-011
State of Nevada	CA000792019-1	State of Oregon - NELAP	4021-011
EPA - UCMR4	CA00079	State of Washington	C997-18

Sacramento

State of California - ELAP 2435

San Bernardino

State of California - ELAP	2993	Los Angeles CSD	9254478
NELAP certified	4119-003	State of Oregon - NELAP	4119-003

Vancouver

NELAP certified	WA100008-011	State of Oregon - NELAP	WA100008-011
State of Washington	C824-18b		



A9C1872



03192019

FarWe9260

Turnaround: Standard

Due Date: 4/2/2019



Far West Labs



Printed: 3/19/2019 5:22:05PM

Page 1 of 1

Page 28 of 42



1414 Starbuck St., Fresno, CA 93706  
 (559) 487-2888 - Fax (559) 487-2883  
 www.es&kassociates.com

Turnaround Time Request  
 Standard - 10 business days  
 Rush (Surcharge may apply)  
 Date needed:

A9C1872  
 FarWe9260  
 C



03/19/2019  
 10

Company/Client Name: FAR WEST LABORATORIES, INC.  
 Address: 8602 2ND ST  
 Project: WESTON ELEMENTARY SCHOOL

Report Attendant: PATTY LASALLE  
 Additional c/s:

City: RIVERBANK  
 State: CA  
 Zip: 96367

Phone: Email: PATTY@FARWESTLABS.COM

Reporting Options:  
 Trace (J-Frac)  Swamp  EDD Type:  
 Sampler Name (Printed/Signature):  
 M. CUMMINS

Regulatory Carbon Copies:  
 SWRCB (Drinking Water)  
 Method Co  
 Modera Co  
 Fresno Co  
 Tulare Co  
 Other:  
 Geotractor #:  
 EDI to California SWRCB (Drinking Water)  
 System Number:  
 E-Mail  Fax  Mail

How would you like to receive your completed results?  
 E-Mail  Fax  Mail

#	Sample Description*	Sampled*		Matrix*	Comments / Station Code / WTRAX	ARSENIC	1,2,3-TCP	524.2	504.1	505	515.4	525.3	GROSS ALPHA	DIOXIN (1613)
		Date	Time											
1	WESTON SCH - CITY SUPPLIED WATER	03/18/19	1200	DW		X	X	X	X	X	X	X	X	X
2	WESTON SCH - IRRIGATION WATER	03/18/19	1219	DW		X	X	X	X	X	X	X	X	X
3	TRIP BLANK	01/19/19	011909Z	DW		X	X	X	X	X	X	X	X	X
4	TRIP BLANK	10/18/07		DW		X	X	X	X	X	X	X	X	X

Retrieved by: (Signature and Printed Name)  
 M. CUMMINS  
 Date: 03/18/19  
 Time: 12:00  
 Received by: (Signature and Printed Name)  
 Patty Lasalle  
 Date: 03/19/19  
 Time: 07:00

Company: FAR WEST LABS  
 Shipping Method: ONTRAC  
 Weight: 15.00  
 Volume: 1.00  
 GROSS: 15.00  
 NET: 14.00  
 Amount: V.I.P.  
 Check #  
 Date: 03/19/19

Request for analysis received as noted. Samples are to be held within 30 days from the date provided. If not so held, we cannot guarantee the accuracy of the results. The client agrees to be responsible for payment for the services on the Chain of Custody, and agrees to ES&K's terms and conditions for laboratory services. ES&K's current terms and conditions can be found at www.es&kassociates.com/lab/chainofcustody.pdf

# Sample Integrity



BSK Bottles: Yes No Page 1 of 1

COC Info		Yes	No	NA	Were correct containers and preservatives received for the tests requested?			Yes	No	NA
Was temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 8^{\circ}\text{C}$		<u>Yes</u>						<u>Yes</u>		
If samples were taken today, is there evidence that chilling has begun?		<u>Yes</u>			Bubbles Present VOAs (524.2/TCP/TTHM)? TB Received? (Check Method Below)			<u>Yes</u>	<u>No</u>	NA
Did all bottles arrive unbroken and intact?		<u>Yes</u>			Was a sufficient amount of sample received?			<u>Yes</u>		NA
Did all bottle labels agree with COC?		<u>Yes</u>			Do samples have a hold time $< 72$ hours?			<u>Yes</u>		<u>No</u>
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?		<u>Yes</u>		<u>NA</u>	Was PM notified of discrepancies? PM: _____ By/Time: _____			<u>Yes</u>		<u>NA</u>
250ml(A) 500ml(B) 1Liter(C) 40ml VOA(V)		Checks	Passed?		1-2	3				<u>✓</u>
Bacl Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>		—	—							
None (P) White Cap		—	—							
Cr6 (P) Lt. Green Label/Blue Cap NH4OH(NH4)2SO4 DW		Cl, pH > 8	P	F						
Cr6 (P) Pink Label/Blue Cap NH4OH(NH4)2SO4 WW		pH 9.3-9.7	P	F						
Cr6 (P) Black Label/Blue Cap NH4OH(NH4)2SO4 7199 ***24 HOUR HOLD TIME***		pH 5.0-9.5	P	F						
HNO <sub>3</sub> (P) Red Cap or HCl (P) Purple Cap/Lt. Blue Label		—	—		3-1/2					
H <sub>2</sub> SO <sub>4</sub> (P) or (AG) Yellow Cap/Label		pH < 2	P	F						
NaOH (P) Green Cap		Cl, pH > 10	P	F						
NaOH + ZnAc (P)		pH > 9	P	F						
Dissolved Oxygen 300ml (g)		—	—							
None (AG) 500/505/8082, 525, 832/8321, 2151, 3270		—	—		2C					
HCl (AG) Lt. Blue Label O&G, Diesel, TCP		—	—		3V					
Ascorbic, EDTA, KH <sub>2</sub> Ct (AG) Pink Label 525		—	—		2C					
Na <sub>2</sub> SO <sub>3</sub> 250mL (AG) Neon Green Label 515		—	—		1A					
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 1 Liter (Brown P) 549		—	—							
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (AG) Blue Label 543, THM, 624		—	—							
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (CG) Blue Label 504, 505, 547		—	—		4V			1V		
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA (CG) Orange Label 531		pH < 3	P	F						
NH <sub>4</sub> Cl (AG) Purple Label 552		—	—							
EDA (AG) Brown Label DBPs		—	—							
HCL (CG) 524.2, BTEX, Gas, MTBE, 8260/624		—	—		3V	2V				
Buffer pH 4 (CG)		—	—							
H <sub>3</sub> PO <sub>4</sub> (CG) Green Label		—	—							
Other:										
Asbestos 1L (P) w/ Foil / Lt. Metals Bottle		—	—							
Bottled Water		—	—							
Clear Glass 250mL / 500mL / 1 Liter		—	—							
Solids: Brass / Steel / Plastic Bag		—	—							
Split	Container	Preservative	Date/Time/Initials	Container	Preservative	Date/Time/Initials				
	S P			S P						
Comments							✓ Indicates Blanks Received 504 ✓ 524.2 ✓ TCP ___ TTHM ___ 537 ___ 8260/624 ___			

Labeled by: AMW @ 17:02

Labels checked by: R @ 17:08

RUSH Paged by: \_\_\_\_\_ @ \_\_\_\_\_



External



**A9C1872**





**CERES Analytical Laboratory, Inc.**

4919 Windpoley Dr. Suite 1, El Dorado Hills, CA 95762



April 5, 2019

Ceres ID: 12705

BSK Associates  
1414 Stanislaus St.  
Fresno, CA 93706

The following report contains the results for the two drinking water samples received on March 21, 2019. These samples were analyzed for 2,3,7,8-TCDD by EPA method 1613B. Routine turn-around time was provided for this work.

This work was authorized under your Subcontract Order # A9C1872.

**Continuing Calibration Verification (CCV) Requirements**

All associated calibration verification standard(s) (CCV) met the acceptance criteria.

The report consists of a Cover Letter, Sample Inventory (Section I), Data Summary (Section II), Sample Tracking (Section VI), and Qualifiers/Abbreviations (Section VII). Raw Data (Section III), Continuing Calibration (Section IV), and Initial Calibration (Section V) are available in a full report (.pdf format) upon request.

If you have any questions regarding this report, please feel free to contact me at (916)932-5011.

Sincerely,

James M. Hedin  
Director of Operations/CEO  
[ihedin@ceres-lab.com](mailto:ihedin@ceres-lab.com)



## Section I: Sample Inventory

<u>Ceres Sample ID:</u>	<u>Sample ID</u>	<u>Date Received</u>	<u>Collection Date &amp; Time</u>
12705-001	Weston Sch - City Supplied Water A9C1872-01	3/21/2019	3/18/2019 12:00
12705-002	Weston Sch - Irrigation Water A9C1872-02	3/21/2019	3/18/2019 12:19

## Section II: Data Summary



CERES Analytical Laboratory, Inc.

915 E. University Blvd. Suite 100 • El Paso, TX 79902

### EPA Method 1613B

<b>Quality Assurance Sample Method Blank</b>	QC Batch #: 1966 Matrix: Drinking Water Sample Size: 1.000 L	Date Received: NA Date Extracted: 4/2/2019 ZB-SMS Analysis: 4/5/2019
Project ID: A9C1872		

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 4.18	1.49	5.00		13C-2378-TCDD	90.4	31-137	
					<u>CRS</u>			
					37C14-2378-TCDD	67.6	35-197	
DL - Signifies Non-Detect (ND) at sample specific detection limit. EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure. (a) - Lower control limit - Upper control limit								

Analyst: JMH

Reviewed by: BS



CERES Analytical Laboratory, Inc.

10000 Highway 100, Suite 100, Dallas, Texas 75243

### EPA Method 1613B

<b>Quality Assurance Sample</b> Ongoing Precision and Recovery  Project ID: A9C1872	QC Batch #: 1966 Matrix: Drinking Water Sample Size: 1.000 L	Date Received: NA Date Extracted: 4/2/2019 ZB-5MS Analysis: 4/5/2019
--	--	--

Analyte	Conc. (ng/mL)	Limits (a)	Labeled Standards	% Rec.	Limits (a)
2,3,7,8-TCDD	7.97	7.3-14.6	13C-2378-TCDD	97.1	25-141
			<u>CRS</u> 37C14-2378-TCDD	69.6	37-158
(a) Limits based on method acceptance criteria.					

Analyst: JMH

Reviewed by: BS



CERES Analytical Laboratory, Inc.

10000 ... 2018 ... 01872

### EPA Method 1613B

<b>Client Sample ID:</b> Weston Sch - City Supplied Water A9C1872-01		
<b>Project ID:</b> A9C1872	<b>Ceres Sample ID:</b> 12705-001	<b>Date Received:</b> 3/21/2019
<b>Date Collected:</b> 3/18/2019	<b>QC Batch #:</b> 1966	<b>Date Extracted:</b> 4/2/2019
<b>Time Collected:</b> 12:00	<b>Matrix:</b> Drinking Water	<b>ZB-SMS Analysis:</b> 4/5/2019
	<b>Sample Size:</b> 1.015 L	

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 3.58	1.49	4.93		13C-2378-TCDD	82.3	31-137	
					<b>CRS</b>			
					37C14-2378-TCDD	71.2	42-164	
DL - Signifies Non-Detect (ND) at sample specific detection limit. EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure. (a) - Lower control limit - Upper control limit								

Analyst: JMH

Reviewed by: BS



CERES Analytical Laboratory, Inc.

10000 S. 20th St. Suite 1000, Tukwila, WA 98148

### EPA Method 1613B

<b>Client Sample ID: Weston Sch - Irrigation Water A9C1872-02</b>		
<b>Project ID:</b> A9C1872	<b>Ceres Sample ID:</b> 12705-002	<b>Date Received:</b> 3/21/2019
<b>Date Collected:</b> 3/18/2019	<b>QC Batch #:</b> 1986	<b>Date Extracted:</b> 4/2/2019
<b>Time Collected:</b> 12:19	<b>Matrix:</b> Drinking Water	<b>ZB-SMS Analysis:</b> 4/5/2019
	<b>Sample Size:</b> 1.020 L	

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 3.60	1.49	4.90		13C-2378-TCDD	87.5	31-137	
					<b>CRS</b>			
					37CM-2378-TCDD	67.9	42-164	
DL - Signifies Non-Detect (ND) at sample specific detection limit. EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure. (a) - Lower control limit - Upper control limit								

Analyst: JMH

Reviewed by: BS

## Section VI: Sample Tracking



SUBCONTRACT ORDER  
A9C1872

SENDING LABORATORY:

BSK Associates Laboratory Fresno  
1414 Stanislaus St  
Fresno, CA 93706  
Phone: 559-497-2888  
Fax: 559-485-6935  
Project Manager: Michelle Croft  
E-mail: mcroft@bskassociates.com

RECEIVING LABORATORY:

Ceres Analytical Laboratory, Inc  
4919 Windplay Drive, Suite 1  
El Dorado Hills, CA 95762  
Phone : (916) 932-5011  
Fax: -  
Turnaround (Days): Standard  
QC Deliverables: I Std III IV

Sample ID	Samp Desc	Client Matrix	Sample Date
A9C1872-01	Weston Sch - City Supplied Water	Drinking Water	03/18/2019 12:00
	Sample Alias: 29-2345		
	Lab Matrix: Water		
	Analysis: <u>(17) L AG W020</u>		
	EXT-Dioxin-DW matrix, EPA 1613 2,3,7,8-TCDD		
A9C1872-02	Weston Sch - Irrigation Water	Drinking Water	03/18/2019 12:19
	Sample Alias: 29-2346		
	Lab Matrix: Water		
	Analysis: <u>K</u>		
	EXT-Dioxin-DW matrix, EPA 1613 2,3,7,8-TCDD		

Released By [Signature] Date 3/20/19 Received By [Signature] Date 3/21/19 11:00

Released By \_\_\_\_\_ Date \_\_\_\_\_ Received By \_\_\_\_\_ Date \_\_\_\_\_



Sample Receipt Check List    Logged by: JK (initials)

Ceres ID: <u>12705</u>	Date/Time: <u>3/21/19 11:00</u>
Client Project ID: <u>A9C1872</u>	Received Temp: <u>3.0</u> °C Acceptable: <input checked="" type="radio"/> Y <input type="radio"/> N
Chain of Custody Relinquished by signed?	<input checked="" type="radio"/> Y <input type="radio"/> N
Chain of Custody Received by signed?	<input checked="" type="radio"/> Y <input type="radio"/> N
Custody Seals? Present?	<input type="radio"/> Y <input type="radio"/> N
Intact?	<input type="radio"/> Y <input type="radio"/> N
NA:	<input checked="" type="radio"/> NA
Unlabeled / Illegible Samples	<input checked="" type="radio"/> Y <input type="radio"/> N
Proper Containers:	<input checked="" type="radio"/> Y <input type="radio"/> N
Preservation Acceptable (Chemical or <u>Temperature</u> )?	<input checked="" type="radio"/> Y <input type="radio"/> N
Drinking Water, Sodium Thiosulfate present? Residual Cl?	Y <input checked="" type="radio"/> N <input type="radio"/> NA Y <input checked="" type="radio"/> N <input type="radio"/> NA
Aqueous sample pH: <u>7, 7</u>	
List COC discrepancies:	<u>JK 3/20/19</u>
List Damaged Samples:	<u>JK 3/20/19</u>

## Section VII: Qualifiers/Abbreviations

<b>J</b>	Concentration found below the lower quantitation limit but greater than zero.
<b>B</b>	Analyte present in the associated Method Blank.
<b>E</b>	Concentration found exceeds the Calibration range of the HRGC/HRMS.
<b>D</b>	This analyte concentration was calculated from a dilution.
<b>X</b>	The concentration found is the estimated maximum possible concentration due to chlorinated diphenyl ethers present in the sample.
<b>H</b>	Recovery limits exceeded. See cover letter.
<b>*</b>	Results taken from dilution.
<b>I</b>	Interference. See cover letter.
<b>Conc.</b>	Concentration Found
<b>DL</b>	Calculated Detection Limit
<b>ND</b>	Non-Detect
<b>% Rec.</b>	Percent Recovery