



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

**AED0054**  
 4/08/2021  
 Invoice: AE07553

Ron Demmers  
 Western Hills Water District  
 9501 Morton Davis Dr  
 Diablo Grande, CA 95363

**RE: Report for AED0054 Diablo Grande/ Special Chloramination**

Dear Ron Demmers,

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 4/1/2021. 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 2016 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, Adam Trevarrow, at (800) 877-8310 or (559) 497-2888 x116.

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

Sincerely,

Adam Trevarrow, 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.*

AED0054 FINAL 04082021 1601



Case Narrative

Project and Report Details	Invoice Details
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<p><b>Client:</b> Western Hills Water District</p> <p><b>Report To:</b> Ron Demmers</p> <p><b>Project #:</b> Diablo Grande Chloramination</p> <p><b>Received:</b> 4/01/2021 - 15:18</p> <p><b>Report Due:</b> 4/08/2021</p>	<p><b>Invoice To:</b> Western Hills Water District</p> <p><b>Invoice Attn:</b> Ashley Wilkins</p> <p><b>Project PO#:</b> -</p>
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**Sample Receipt Conditions**

<p><b>Cooler:</b> Default Cooler</p> <p><b>Temperature on Receipt °C:</b> 5.6</p>	<p>Containers Intact</p> <p>COC/Labels Agree</p> <p>Preservation Confirmed</p> <p>Received On Wet Ice</p> <p>Sample(s) arrived at lab on same day sampled.</p> <p>Packing Material - Other</p> <p>Sample(s) were received in temperature range.</p> <p>Initial receipt at BSK-FAL</p>
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**Detailed Narrative**

**Chain of Custody Notes**

**Date:** 4/2/2021

**Initials:** AJT

**Note:** Zone 3 #16 Storage Tank was collected 4/1/2021 at 8:20am per sample container and phone call from Ron Demmers. Iron and Manganese added to all samples per phone call from Ron Demmers.

**Data Qualifiers**

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

MC Notify Positive Notification: Jerry Phillips 04/02/2021 @ 15:40

OD.a Chlorinous/Ozonous

**Report Distribution**

Recipient(s)	Report Format	CC:
Ron Demmers-1	FINAL.RPT	



**AED0054**

**Diablo Grande/ Special Chloramination**

Diablo Grande Chloramination

**Certificate of Analysis**

**Sample ID:** AED0054-01  
**Sampled By:** Liset Arevalo  
**Sample Description:** 9120 Morton Davis Drive Lot 88

**Sample Date - Time:** 04/01/2021 - 09:55  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**Field Data:** Res. Cl =.98 mg/L

**BSK Associates Laboratory Fresno**  
**General Chemistry**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aggressive Index		11	0.0	AGGR	1	AED0379	04/07/21	04/07/21	
Alkalinity as CaCO3	SM 2320B	54	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Bicarbonate as CaCO3	SM 2320B	54	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Ammonia as N	EPA 350.1	0.16	0.10	mg/L	1	AED0098	04/02/21	04/02/21	
Chlorine, Free Residual (1)	SM 4500-Cl G	0.70	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Chlorine, Total Residual (1)	SM 4500-Cl G	0.88	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Color, Apparent	SM 2120B	ND	5.0	CU	1	AED0132	04/02/21 19:06	04/02/21	
Color pH (1)	SM 4500-H+ B	7.9		pH Units	1	AED0132	04/02/21	04/02/21	
Conductivity @ 25C	SM 2510B	710	1.0	umhos/cm	1	AED0075	04/02/21	04/02/21	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	AED0041	04/02/21 08:15	04/02/21	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	AED0041	04/02/21 08:15	04/02/21	
Threshold Odor	SM 2150B	ND	1.0	T.O.N.	1	AEC1373	04/01/21 19:20	04/01/21	
pH (1)	SM 4500-H+ B	7.8	0.0	pH Units	1	AED0075	04/02/21 07:14	04/02/21	
pH Temperature in °C		22.1							
Total Dissolved Solids	SM 2540C	400	5.0	mg/L	1	AED0074	04/02/21	04/02/21	
Temperature	SM 2550B	22		°C	1	AED0075	04/02/21	04/02/21	
Turbidity	SM 2130B	0.69	0.10	NTU	1	AED0132	04/02/21 19:28	04/02/21	

**Metals**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	30	0.10	mg/L	1	AED0090	04/05/21	04/07/21	
Iron	EPA 200.7	0.10	0.030	mg/L	1	AED0090	04/05/21	04/07/21	
Manganese	EPA 200.7	0.013	0.010	mg/L	1	AED0090	04/05/21	04/07/21	

**Microbiology**

Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Heterotrophic Plate Count (48 Hour)**

Heterotrophic Plate Count	SM 9215B	52	1	CFU/ml	AED0050	04/01/21 16:45	04/03/21 13:50	
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Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Coliform, Total and E.Coli by Quanti-Tray 51 Wells**

E. Coli	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	
Total Coliform	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	

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**AED0054**

**Diablo Grande/ Special Chloramination**

Diablo Grande Chloramination

**Certificate of Analysis**

**Sample ID:** AED0054-02  
**Sampled By:** Liset Arevalo  
**Sample Description:** Golf Canyon Drive Lot 63

**Sample Date - Time:** 04/01/2021 - 10:40  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**Field Data:** Res. Cl =1.07 mg/L

**BSK Associates Laboratory Fresno**  
**General Chemistry**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aggressive Index		11	0.0	AGGR	1	AED0379	04/07/21	04/07/21	
Alkalinity as CaCO3	SM 2320B	53	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Bicarbonate as CaCO3	SM 2320B	53	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Ammonia as N	EPA 350.1	0.15	0.10	mg/L	1	AED0098	04/02/21	04/02/21	
Chlorine, Free Residual (1)	SM 4500-Cl G	0.21	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Chlorine, Total Residual (1)	SM 4500-Cl G	0.63	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Color, Apparent	SM 2120B	ND	5.0	CU	1	AED0132	04/02/21 19:08	04/02/21	
Color pH (1)	SM 4500-H+ B	7.9		pH Units	1	AED0132	04/02/21	04/02/21	
Conductivity @ 25C	SM 2510B	710	1.0	umhos/cm	1	AED0075	04/02/21	04/02/21	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	AED0041	04/01/21 17:49	04/01/21	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	AED0041	04/01/21 17:49	04/01/21	
Threshold Odor	SM 2150B	ND	1.0	T.O.N.	1	AEC1373	04/01/21 19:20	04/01/21	
pH (1)	SM 4500-H+ B	7.7	0.0	pH Units	1	AED0075	04/02/21 07:19	04/02/21	
pH Temperature in °C		21.9							
Total Dissolved Solids	SM 2540C	400	5.0	mg/L	1	AED0074	04/02/21	04/02/21	
Temperature	SM 2550B	22		°C	1	AED0075	04/02/21	04/02/21	
Turbidity	SM 2130B	0.44	0.10	NTU	1	AED0132	04/02/21 19:30	04/02/21	

**Metals**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	30	0.10	mg/L	1	AED0090	04/05/21	04/07/21	
Iron	EPA 200.7	0.052	0.030	mg/L	1	AED0090	04/05/21	04/07/21	
Manganese	EPA 200.7	ND	0.010	mg/L	1	AED0090	04/05/21	04/07/21	

**Microbiology**

Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Heterotrophic Plate Count (48 Hour)**

Heterotrophic Plate Count	SM 9215B	7	1	CFU/ml	AED0050	04/01/21 16:45	04/03/21 13:50	
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Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Coliform, Total and E.Coli by Quanti-Tray 51 Wells**

E. Coli	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	
Total Coliform	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	

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AED0054 FINAL 04082021 1601

**Certificate of Analysis**

**Sample ID:** AED0054-03  
**Sampled By:** Liset Arevalo  
**Sample Description:** Tee Box Court Lot 84

**Sample Date - Time:** 04/01/2021 - 09:20  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**Field Data:** Res. Cl =.45 mg/L

**BSK Associates Laboratory Fresno**  
**General Chemistry**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aggressive Index		11	0.0	AGGR	1	AED0379	04/07/21	04/07/21	
Alkalinity as CaCO3	SM 2320B	52	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Bicarbonate as CaCO3	SM 2320B	52	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Ammonia as N	EPA 350.1	0.17	0.10	mg/L	1	AED0098	04/02/21	04/02/21	
Chlorine, Free Residual (1)	SM 4500-Cl G	0.11	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Chlorine, Total Residual (1)	SM 4500-Cl G	0.41	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Color, Apparent	SM 2120B	ND	5.0	CU	1	AED0132	04/02/21 19:09	04/02/21	
Color pH (1)	SM 4500-H+ B	7.8		pH Units	1	AED0132	04/02/21	04/02/21	
Conductivity @ 25C	SM 2510B	700	1.0	umhos/cm	1	AED0075	04/02/21	04/02/21	
Nitrate as N	EPA 300.0	0.23	0.23	mg/L	1	AED0041	04/01/21 18:08	04/01/21	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	AED0041	04/01/21 18:08	04/01/21	
Threshold Odor	SM 2150B	ND	1.0	T.O.N.	1	AEC1373	04/01/21 19:20	04/01/21	
pH (1)	SM 4500-H+ B	7.7	0.0	pH Units	1	AED0075	04/02/21 07:24	04/02/21	
pH Temperature in °C		22.0							
Total Dissolved Solids	SM 2540C	400	5.0	mg/L	1	AED0074	04/02/21	04/02/21	
Temperature	SM 2550B	22		°C	1	AED0075	04/02/21	04/02/21	
Turbidity	SM 2130B	0.34	0.10	NTU	1	AED0132	04/02/21 19:31	04/02/21	

**Metals**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	30	0.10	mg/L	1	AED0090	04/05/21	04/07/21	
Iron	EPA 200.7	0.076	0.030	mg/L	1	AED0090	04/05/21	04/07/21	
Manganese	EPA 200.7	ND	0.010	mg/L	1	AED0090	04/05/21	04/07/21	

**Microbiology**

Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Heterotrophic Plate Count (48 Hour)**

Heterotrophic Plate Count	SM 9215B	4	1	CFU/ml	AED0052	04/01/21 16:05	04/03/21 13:13	
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Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Coliform, Total and E.Coli by Quanti-Tray 51 Wells**

E. Coli	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	
Total Coliform	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	

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**AED0054**

**Diablo Grande/ Special Chloramination**

Diablo Grande Chloramination

**Certificate of Analysis**

**Sample ID:** AED0054-04  
**Sampled By:** Liset Arevalo  
**Sample Description:** Russ Court Lot 63

**Sample Date - Time:** 04/01/2021 - 09:30  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**Field Data:** Res. Cl =1.02 mg/L

**BSK Associates Laboratory Fresno**  
**General Chemistry**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aggressive Index		11	0.0	AGGR	1	AED0379	04/07/21	04/07/21	
Alkalinity as CaCO3	SM 2320B	53	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Bicarbonate as CaCO3	SM 2320B	53	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Ammonia as N	EPA 350.1	0.17	0.10	mg/L	1	AED0098	04/02/21	04/02/21	
Chlorine, Free Residual (1)	SM 4500-Cl G	0.66	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Chlorine, Total Residual (1)	SM 4500-Cl G	0.77	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Color, Apparent	SM 2120B	ND	5.0	CU	1	AED0132	04/02/21 19:10	04/02/21	
Color pH (1)	SM 4500-H+ B	7.3		pH Units	1	AED0132	04/02/21	04/02/21	
Conductivity @ 25C	SM 2510B	690	1.0	umhos/cm	1	AED0075	04/02/21	04/02/21	
Nitrate as N	EPA 300.0	0.26	0.23	mg/L	1	AED0041	04/01/21 18:27	04/01/21	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	AED0041	04/01/21 18:27	04/01/21	
Threshold Odor	SM 2150B	ND	1.0	T.O.N.	1	AEC1373	04/01/21 19:20	04/01/21	
pH (1)	SM 4500-H+ B	7.8	0.0	pH Units	1	AED0075	04/02/21 07:30	04/02/21	
pH Temperature in °C		21.7							
Total Dissolved Solids	SM 2540C	390	5.0	mg/L	1	AED0074	04/02/21	04/02/21	
Temperature	SM 2550B	22		°C	1	AED0075	04/02/21	04/02/21	
Turbidity	SM 2130B	0.23	0.10	NTU	1	AED0132	04/02/21 19:32	04/02/21	

**Metals**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	29	0.10	mg/L	1	AED0090	04/05/21	04/07/21	
Iron	EPA 200.7	0.034	0.030	mg/L	1	AED0090	04/05/21	04/07/21	
Manganese	EPA 200.7	ND	0.010	mg/L	1	AED0090	04/05/21	04/07/21	

**Microbiology**

Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual	
<b>Heterotrophic Plate Count (48 Hour)</b>									
Heterotrophic Plate Count	SM 9215B	13	1	CFU/ml	AED0050	04/01/21 16:45	04/03/21 13:50		
<b>Coliform, Total and E.Coli by Quanti-Tray 51 Wells</b>									
E. Coli	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38		
Total Coliform	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38		

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AED0054 FINAL 04082021 1601



**AED0054**

**Diablo Grande/ Special Chloramination**

Diablo Grande Chloramination

**Certificate of Analysis**

**Sample ID:** AED0054-05  
**Sampled By:** Liset Arevalo  
**Sample Description:** Schneider Lane Lot 21

**Sample Date - Time:** 04/01/2021 - 10:55  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**Field Data:** Res. Cl =1.29 mg/L

**BSK Associates Laboratory Fresno**

**General Chemistry**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aggressive Index		11	0.0	AGGR	1	AED0379	04/07/21	04/07/21	
Alkalinity as CaCO3	SM 2320B	52	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Bicarbonate as CaCO3	SM 2320B	52	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Ammonia as N	EPA 350.1	0.19	0.10	mg/L	1	AED0098	04/02/21	04/02/21	
Chlorine, Free Residual (1)	SM 4500-Cl G	0.46	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Chlorine, Total Residual (1)	SM 4500-Cl G	0.86	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Color, Apparent	SM 2120B	ND	5.0	CU	1	AED0132	04/02/21 19:11	04/02/21	
Color pH (1)	SM 4500-H+ B	7.5		pH Units	1	AED0132	04/02/21	04/02/21	
Conductivity @ 25C	SM 2510B	690	1.0	umhos/cm	1	AED0075	04/02/21	04/02/21	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	AED0041	04/01/21 18:46	04/01/21	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	AED0041	04/01/21 18:46	04/01/21	
Threshold Odor	SM 2150B	ND	1.0	T.O.N.	1	AEC1373	04/01/21 19:20	04/01/21	
pH (1)	SM 4500-H+ B	7.7	0.0	pH Units	1	AED0075	04/02/21 07:35	04/02/21	
pH Temperature in °C		21.4							
Total Dissolved Solids	SM 2540C	380	5.0	mg/L	1	AED0074	04/02/21	04/02/21	
Temperature	SM 2550B	21		°C	1	AED0075	04/02/21	04/02/21	
Turbidity	SM 2130B	0.52	0.10	NTU	1	AED0132	04/02/21 19:33	04/02/21	

**Metals**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	30	0.10	mg/L	1	AED0090	04/05/21	04/07/21	
Iron	EPA 200.7	0.075	0.030	mg/L	1	AED0090	04/05/21	04/07/21	
Manganese	EPA 200.7	ND	0.010	mg/L	1	AED0090	04/05/21	04/07/21	

**Microbiology**

Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Heterotrophic Plate Count (48 Hour)**

Heterotrophic Plate Count	SM 9215B	3	1	CFU/ml	AED0050	04/01/21 16:45	04/03/21 13:50	
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Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Coliform, Total and E.Coli by Quanti-Tray 51 Wells**

E. Coli	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	
Total Coliform	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	

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AED0054 FINAL 04082021 1601



**AED0054**

**Diablo Grande/ Special Chloramination**  
Diablo Grande Chloramination

**Certificate of Analysis**

**Sample ID:** AED0054-06  
**Sampled By:** Liset Arevalo  
**Sample Description:** 9280 Panoz Court Lot 188

**Sample Date - Time:** 04/01/2021 - 10:00  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**Field Data:** Res. Cl =1.25 mg/L

**BSK Associates Laboratory Fresno**  
**General Chemistry**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aggressive Index		11	0.0	AGGR	1	AED0379	04/07/21	04/07/21	
Alkalinity as CaCO3	SM 2320B	55	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Bicarbonate as CaCO3	SM 2320B	55	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Ammonia as N	EPA 350.1	0.18	0.10	mg/L	1	AED0098	04/02/21	04/02/21	
Chlorine, Free Residual (1)	SM 4500-Cl G	0.73	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Chlorine, Total Residual (1)	SM 4500-Cl G	1.0	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Color, Apparent	SM 2120B	ND	5.0	CU	1	AED0132	04/02/21 19:12	04/02/21	
Color pH (1)	SM 4500-H+ B	7.9		pH Units	1	AED0132	04/02/21	04/02/21	
Conductivity @ 25C	SM 2510B	700	1.0	umhos/cm	1	AED0075	04/02/21	04/02/21	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	AED0041	04/01/21 19:05	04/01/21	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	AED0041	04/01/21 19:05	04/01/21	
Threshold Odor	SM 2150B	ND	1.0	T.O.N.	1	AEC1373	04/01/21 19:20	04/01/21	
pH (1)	SM 4500-H+ B	7.7	0.0	pH Units	1	AED0075	04/02/21 07:40	04/02/21	
pH Temperature in °C		21.5							
Total Dissolved Solids	SM 2540C	400	5.0	mg/L	1	AED0074	04/02/21	04/02/21	
Temperature	SM 2550B	22		°C	1	AED0075	04/02/21	04/02/21	
Turbidity	SM 2130B	0.53	0.10	NTU	1	AED0132	04/02/21 19:34	04/02/21	

**Metals**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	29	0.10	mg/L	1	AED0090	04/05/21	04/07/21	
Iron	EPA 200.7	0.059	0.030	mg/L	1	AED0090	04/05/21	04/07/21	
Manganese	EPA 200.7	0.016	0.010	mg/L	1	AED0090	04/05/21	04/07/21	

**Microbiology**

Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Heterotrophic Plate Count (48 Hour)**

Heterotrophic Plate Count	SM 9215B	1	1	CFU/ml	AED0050	04/01/21 16:45	04/03/21 13:50	
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Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Coliform, Total and E.Coli by Quanti-Tray 51 Wells**

E. Coli	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	
Total Coliform	SM 9223B	1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	MC Notify

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AED0054 FINAL 04082021 1601





**AED0054**

**Diablo Grande/ Special Chloramination**  
Diablo Grande Chloramination

**Certificate of Analysis**

**Sample ID:** AED0054-07  
**Sampled By:** Liset Arevalo  
**Sample Description:** Copper Mountain Road

**Sample Date - Time:** 04/01/2021 - 09:00  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**Field Data:** Res. Cl =.78 mg/L

**BSK Associates Laboratory Fresno**  
**General Chemistry**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aggressive Index		11	0.0	AGGR	1	AED0379	04/07/21	04/07/21	
Alkalinity as CaCO3	SM 2320B	53	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Bicarbonate as CaCO3	SM 2320B	53	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Ammonia as N	EPA 350.1	0.15	0.10	mg/L	1	AED0098	04/02/21	04/02/21	
Chlorine, Free Residual (1)	SM 4500-Cl G	ND	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Chlorine, Total Residual (1)	SM 4500-Cl G	0.36	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Color, Apparent	SM 2120B	ND	5.0	CU	1	AED0132	04/02/21 19:13	04/02/21	
Color pH (1)	SM 4500-H+ B	7.6		pH Units	1	AED0132	04/02/21	04/02/21	
Conductivity @ 25C	SM 2510B	700	1.0	umhos/cm	1	AED0075	04/02/21	04/02/21	
Nitrate as N	EPA 300.0	0.26	0.23	mg/L	1	AED0041	04/01/21 20:20	04/01/21	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	AED0041	04/01/21 20:20	04/01/21	
Threshold Odor	SM 2160B	ND	1.0	T.O.N.	1	AEC1373	04/01/21 19:20	04/01/21	
pH (1)	SM 4500-H+ B	7.7	0.0	pH Units	1	AED0075	04/02/21 07:45	04/02/21	
pH Temperature in °C		21.7							
Total Dissolved Solids	SM 2540C	380	5.0	mg/L	1	AED0074	04/02/21	04/02/21	
Temperature	SM 2550B	22		°C	1	AED0075	04/02/21	04/02/21	
Turbidity	SM 2130B	0.23	0.10	NTU	1	AED0132	04/02/21 19:35	04/02/21	

**Metals**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	30	0.10	mg/L	1	AED0090	04/05/21	04/07/21	
Iron	EPA 200.7	0.042	0.030	mg/L	1	AED0090	04/05/21	04/07/21	
Manganese	EPA 200.7	ND	0.010	mg/L	1	AED0090	04/05/21	04/07/21	

**Microbiology**

Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Heterotrophic Plate Count (48 Hour)**

Heterotrophic Plate Count	SM 9215B	6	1	CFU/ml	AED0052	04/01/21 16:05	04/03/21 13:13	
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Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Coliform, Total and E.Coli by Quanti-Tray 51 Wells**

E. Coli	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	
Total Coliform	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	

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AED0054

Diablo Grande/ Special Chloramination

Diablo Grande Chloramination

**Certificate of Analysis**

Sample ID: AED0054-08  
 Sampled By: Liset Arevalo  
 Sample Description: 9454 California Oak Circle Lot 38

Sample Date - Time: 04/01/2021 - 10:25  
 Matrix: Drinking Water  
 Sample Type: Grab

Field Data: Res. Cl =.86 mg/L

**BSK Associates Laboratory Fresno  
 General Chemistry**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aggressive Index		11	0.0	AGGR	1	AED0379	04/07/21	04/07/21	
Alkalinity as CaCO3	SM 2320B	53	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Bicarbonate as CaCO3	SM 2320B	53	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Ammonia as N	EPA 350.1	0.15	0.10	mg/L	1	AED0098	04/02/21	04/02/21	
Chlorine, Free Residual (1)	SM 4500-Cl G	0.16	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Chlorine, Total Residual (1)	SM 4500-Cl G	0.73	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Color, Apparent	SM 2120B	ND	5.0	CU	1	AED0132	04/02/21 19:14	04/02/21	
Color pH (1)	SM 4500-H+ B	7.8		pH Units	1	AED0132	04/02/21	04/02/21	
Conductivity @ 25C	SM 2510B	700	1.0	umhos/cm	1	AED0075	04/02/21	04/02/21	
Nitrate as N	EPA 300.0	0.24	0.23	mg/L	1	AED0041	04/01/21 21:16	04/01/21	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	AED0041	04/01/21 21:16	04/01/21	
Threshold Odor	SM 2150B	ND	1.0	T.O.N.	1	AEC1373	04/01/21 19:20	04/01/21	
pH (1)	SM 4500-H+ B	7.7	0.0	pH Units	1	AED0075	04/02/21 07:50	04/02/21	
pH Temperature in °C		22.0							
Total Dissolved Solids	SM 2540C	390	5.0	mg/L	1	AED0074	04/02/21	04/02/21	
Temperature	SM 2550B	22		°C	1	AED0075	04/02/21	04/02/21	
Turbidity	SM 2130B	0.58	0.10	NTU	1	AED0132	04/02/21 19:36	04/02/21	

**Metals**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	29	0.10	mg/L	1	AED0090	04/05/21	04/07/21	
Iron	EPA 200.7	0.14	0.030	mg/L	1	AED0090	04/05/21	04/07/21	
Manganese	EPA 200.7	ND	0.010	mg/L	1	AED0090	04/05/21	04/07/21	

**Microbiology**

Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Heterotrophic Plate Count (48 Hour)**

Heterotrophic Plate Count	SM 9215B	<1	1	CFU/ml	AED0050	04/01/21 16:45	04/03/21 13:50	
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Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Coliform, Total and E.Coli by Quanti-Tray 51 Wells**

E. Coli	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	
Total Coliform	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	

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AED0054 FINAL 04082021 1601



**AED0054**

**Diablo Grande/ Special Chloramination**  
Diablo Grande Chloramination

**Certificate of Analysis**

**Sample ID:** AED0054-09  
**Sampled By:** Liset Arevalo  
**Sample Description:** 9360 Jacks Place Lot 297

**Sample Date - Time:** 04/01/2021 - 10:10  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**Field Data:** Res. Cl =1.16 mg/L

**BSK Associates Laboratory Fresno**  
**General Chemistry**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aggressive Index		11	0.0	AGGR	1	AED0379	04/07/21	04/07/21	
Alkalinity as CaCO3	SM 2320B	52	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Bicarbonate as CaCO3	SM 2320B	52	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Ammonia as N	EPA 350.1	0.16	0.10	mg/L	1	AED0098	04/02/21	04/02/21	
Chlorine, Free Residual (1)	SM 4500-Cl G	0.40	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Chlorine, Total Residual (1)	SM 4500-Cl G	0.82	0.10	mg/L	1	AED0085	04/02/21 08:45	04/02/21	
Color, Apparent	SM 2120B	ND	5.0	CU	1	AED0132	04/02/21 19:15	04/02/21	
Color pH (1)	SM 4500-H+ B	7.6		pH Units	1	AED0132	04/02/21	04/02/21	
Conductivity @ 25C	SM 2510B	710	1.0	umhos/cm	1	AED0075	04/02/21	04/02/21	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	AED0041	04/01/21 21:35	04/01/21	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	AED0041	04/01/21 21:35	04/01/21	
Threshold Odor	SM 2150B	ND	1.0	T.O.N.	1	AEC1373	04/01/21 19:20	04/01/21	
pH (1)	SM 4500-H+ B	7.7	0.0	pH Units	1	AED0075	04/02/21 07:55	04/02/21	
pH Temperature in °C		22.1							
Total Dissolved Solids	SM 2540C	390	5.0	mg/L	1	AED0074	04/02/21	04/02/21	
Temperature	SM 2550B	22		°C	1	AED0075	04/02/21	04/02/21	
Turbidity	SM 2130B	0.61	0.10	NTU	1	AED0132	04/02/21 19:37	04/02/21	

**Metals**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	30	0.10	mg/L	1	AED0090	04/05/21	04/07/21	
Iron	EPA 200.7	0.15	0.030	mg/L	1	AED0090	04/05/21	04/07/21	
Manganese	EPA 200.7	ND	0.010	mg/L	1	AED0090	04/05/21	04/07/21	

**Microbiology**

Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual	
<b>Heterotrophic Plate Count (48 Hour)</b>									
Heterotrophic Plate Count	SM 9215B	<1	1	CFU/ml	AED0050	04/01/21 16:45	04/03/21 13:50		
<b>Colliform, Total and E.Coli by Quanti-Tray 51 Wells</b>									
E. Coli	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38		
Total Coliform	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38		

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AED0054 FINAL 04082021 1601



**AED0054**

**Diablo Grande/ Special Chloramination**

Diablo Grande Chloramination

**Certificate of Analysis**

**Sample ID:** AED0054-10  
**Sampled By:** Liset Arevalo  
**Sample Description:** Sand Trap Lot 91

**Sample Date - Time:** 04/01/2021 - 09:05

**Matrix:** Drinking Water

**Sample Type:** Grab

**Field Data:** Res. Cl =.35 mg/L

**BSK Associates Laboratory Fresno**

**General Chemistry**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aggressive Index		11	0.0	AGGR	1	AED0379	04/07/21	04/07/21	
Alkalinity as CaCO3	SM 2320B	54	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Bicarbonate as CaCO3	SM 2320B	54	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Ammonia as N	EPA 350.1	ND	0.10	mg/L	1	AED0098	04/02/21	04/02/21	
Chlorine, Free Residual (1)	SM 4500-Cl G	ND	0.10	mg/L	1	AED0100	04/02/21 10:59	04/02/21	
Chlorine, Total Residual (1)	SM 4500-Cl G	0.12	0.10	mg/L	1	AED0100	04/02/21 10:59	04/02/21	
Color, Apparent	SM 2120B	ND	5.0	CU	1	AED0132	04/02/21 19:16	04/02/21	
Color pH (1)	SM 4500-H+ B	7.8		pH Units	1	AED0132	04/02/21	04/02/21	
Conductivity @ 25C	SM 2510B	700	1.0	umhos/cm	1	AED0075	04/02/21	04/02/21	
Nitrate as N	EPA 300.0	0.37	0.23	mg/L	1	AED0041	04/01/21 21:54	04/01/21	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	AED0041	04/01/21 21:54	04/01/21	
Threshold Odor	SM 2150B	ND	1.0	T.O.N.	1	AEC1373	04/01/21 19:20	04/01/21	
pH (1)	SM 4500-H+ B	7.8	0.0	pH Units	1	AED0075	04/02/21 08:00	04/02/21	
pH Temperature in °C		22.5							
Total Dissolved Solids	SM 2540C	380	5.0	mg/L	1	AED0074	04/02/21	04/02/21	
Temperature	SM 2550B	22		°C	1	AED0075	04/02/21	04/02/21	
Turbidity	SM 2130B	0.44	0.10	NTU	1	AED0132	04/02/21 19:38	04/02/21	

**Metals**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	29	0.10	mg/L	1	AED0090	04/05/21	04/07/21	
Iron	EPA 200.7	0.13	0.030	mg/L	1	AED0090	04/05/21	04/07/21	
Manganese	EPA 200.7	ND	0.010	mg/L	1	AED0090	04/05/21	04/07/21	

**Microbiology**

Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Heterotrophic Plate Count (48 Hour)**

Heterotrophic Plate Count	SM 9215B	480	1	CFU/ml	AED0052	04/01/21 16:05	04/03/21 13:13	
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Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Coliform, Total and E.Coli by Quanti-Tray 51 Wells**

E. Coli	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	
Total Coliform	SM 9223B	27.1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	MC Notify

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AED0054 FINAL 04082021 1601



**AED0054**

**Diablo Grande/ Special Chloramination**  
Diablo Grande Chloramination

**Certificate of Analysis**

**Sample ID:** AED0054-11  
**Sampled By:** Liset Arevalo  
**Sample Description:** Zone 3 #16 Storage Tank

**Sample Date - Time:** 04/01/2021 - 08:20  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**Field Data:** Res. Cl =1.70 mg/L

**BSK Associates Laboratory Fresno**  
**General Chemistry**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aggressive Index		11	0.0	AGGR	1	AED0379	04/07/21	04/07/21	
Alkalinity as CaCO3	SM 2320B	57	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Bicarbonate as CaCO3	SM 2320B	57	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Ammonia as N	EPA 350.1	0.21	0.10	mg/L	1	AED0098	04/02/21	04/02/21	
Chlorine, Free Residual (1)	SM 4500-Cl G	0.70	0.10	mg/L	1	AED0100	04/02/21 10:59	04/02/21	
Chlorine, Total Residual (1)	SM 4500-Cl G	1.4	0.10	mg/L	1	AED0100	04/02/21 10:59	04/02/21	
Color, Apparent	SM 2120B	ND	5.0	CU	1	AED0132	04/02/21 19:17	04/02/21	
Color pH (1)	SM 4500-H+ B	6.7		pH Units	1	AED0132	04/02/21	04/02/21	
Conductivity @ 25C	SM 2510B	710	1.0	umhos/cm	1	AED0075	04/02/21	04/02/21	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	AED0041	04/01/21 22:13	04/01/21	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	AED0041	04/01/21 22:13	04/01/21	
Threshold Odor	SM 2150B	ND	1.0	T.O.N.	1	AEC1373	04/01/21 19:20	04/01/21	
pH (1)	SM 4500-H+ B	7.7	0.0	pH Units	1	AED0075	04/02/21 08:20	04/02/21	
pH Temperature in °C		22.5							
Total Dissolved Solids	SM 2540C	380	5.0	mg/L	1	AED0074	04/02/21	04/02/21	
Temperature	SM 2550B	22		°C	1	AED0075	04/02/21	04/02/21	
Turbidity	SM 2130B	0.17	0.10	NTU	1	AED0132	04/02/21 19:39	04/02/21	

**Metals**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	29	0.10	mg/L	1	AED0090	04/05/21	04/07/21	
Iron	EPA 200.7	ND	0.030	mg/L	1	AED0090	04/05/21	04/07/21	
Manganese	EPA 200.7	ND	0.010	mg/L	1	AED0090	04/05/21	04/07/21	

**Microbiology**

Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Heterotrophic Plate Count (48 Hour)**

Heterotrophic Plate Count	SM 9215B	<1	1	CFU/ml	AED0049	04/01/21 16:02	04/03/21 13:13	
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Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Coliform, Total and E.Coli by Quanti-Tray 51 Wells**

E. Coli	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	
Total Coliform	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	

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.

AED0054 FINAL 04082021 1601



**AED0054**

**Diablo Grande/ Special Chloramination**

Diablo Grande Chloramination

**Certificate of Analysis**

**Sample ID:** AED0054-12  
**Sampled By:** Liset Arevalo  
**Sample Description:** Clearwell Storage Tank

**Sample Date - Time:** 04/01/2021 - 09:55  
**Matrix:** Drinking Water  
**Sample Type:** Grab

**Field Data:** Res. Cl =4.2 mg/L

**BSK Associates Laboratory Fresno**  
**General Chemistry**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aggressive Index		11	0.0	AGGR	1	AED0379	04/07/21	04/07/21	
Alkalinity as CaCO3	SM 2320B	70	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Bicarbonate as CaCO3	SM 2320B	70	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AED0075	04/02/21	04/02/21	
Ammonia as N	EPA 350.1	ND	0.10	mg/L	1	AED0098	04/02/21	04/02/21	
Chlorine, Free Residual (1)	SM 4500-Cl G	1.5	0.10	mg/L	1	AED0100	04/02/21 10:59	04/02/21	
Chlorine, Total Residual (1)	SM 4500-Cl G	2.0	0.20	mg/L	2	AED0100	04/02/21 10:59	04/02/21	
Color, Apparent	SM 2120B	ND	5.0	CU	1	AED0132	04/02/21 19:19	04/02/21	
Color pH (1)	SM 4500-H+ B	7.2		pH Units	1	AED0132	04/02/21	04/02/21	
Conductivity @ 25C	SM 2510B	700	1.0	umhos/cm	1	AED0075	04/02/21	04/02/21	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	AED0041	04/01/21 22:32	04/01/21	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	AED0041	04/01/21 22:32	04/01/21	
Threshold Odor	SM 2150B	1.0	1.0	T.O.N.	1	AEC1373	04/01/21 19:20	04/01/21	OD.a
pH (1)	SM 4500-H+ B	7.4	0.0	pH Units	1	AED0075	04/02/21 08:25	04/02/21	
pH Temperature in °C		22.3							
Total Dissolved Solids	SM 2540C	380	5.0	mg/L	1	AED0074	04/02/21	04/02/21	
Temperature	SM 2550B	22		°C	1	AED0075	04/02/21	04/02/21	
Turbidity	SM 2130B	0.24	0.10	NTU	1	AED0132	04/02/21 19:40	04/02/21	

**Metals**

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	30	0.10	mg/L	1	AED0090	04/05/21	04/07/21	
Iron	EPA 200.7	ND	0.030	mg/L	1	AED0090	04/05/21	04/07/21	
Manganese	EPA 200.7	ND	0.010	mg/L	1	AED0090	04/05/21	04/07/21	

**Microbiology**

Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Heterotrophic Plate Count (48 Hour)**

Heterotrophic Plate Count	SM 9215B	<1	1	CFU/ml	AED0050	04/01/21 16:45	04/03/21 13:50	
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Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
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**Colliform, Total and E.Coli by Quanti-Tray 51 Wells**

E. Coli	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	
Total Colliform	SM 9223B	<1	1	MPN/100 mL	AED0051	04/01/21 16:43	04/02/21 13:38	

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AED0054 FINAL 04082021 1601



AED0054

Diablo Grande/ Special Chloramination

**BSK Associates Laboratory Fresno**  
**General Chemistry Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Date Analyzed	Qual
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**EPA 300.0 - Quality Control**

Batch: AED0041

Prepared: 4/1/2021

Prep Method: Method Specific Preparation

Analyst: DXR

**Blank (AED0041-BLK1)**

Nitrate as N	ND	0.23	mg/L							04/01/21	
Nitrite as N	ND	0.050	mg/L							04/01/21	

**Blank Spike (AED0041-BS1)**

Nitrate as N	23	0.23	mg/L	23	ND	101	90-110			04/01/21	
Nitrite as N	1.1	0.050	mg/L	1.0	ND	105	90-110			04/01/21	

**Matrix Spike (AED0041-MS1), Source: AED0007-02**

Nitrate as N	13	0.23	mg/L	11	ND	111	80-120			04/01/21	
Nitrite as N	0.48	0.050	mg/L	0.50	ND	95	75-125			04/01/21	

**Matrix Spike (AED0041-MS2), Source: AED0064-01**

Nitrate as N	16	0.23	mg/L	11	3.4	114	80-120			04/01/21	
Nitrite as N	0.51	0.050	mg/L	0.50	ND	102	75-125			04/01/21	

**Matrix Spike Dup (AED0041-MSD1), Source: AED0007-02**

Nitrate as N	13	0.23	mg/L	11	ND	112	80-120	1	20	04/01/21	
Nitrite as N	0.48	0.050	mg/L	0.50	ND	97	75-125	1	20	04/01/21	

**Matrix Spike Dup (AED0041-MSD2), Source: AED0064-01**

Nitrate as N	16	0.23	mg/L	11	3.4	112	80-120	2	20	04/01/21	
Nitrite as N	0.51	0.050	mg/L	0.50	ND	102	75-125	0	20	04/01/21	

**EPA 350.1 - Quality Control**

Batch: AED0098

Prepared: 4/2/2021

Prep Method: Method Specific Preparation

Analyst: CTD

**Blank (AED0098-BLK1)**

Ammonia as N	ND	0.10	mg/L							04/02/21	
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**Blank Spike (AED0098-BS1)**

Ammonia as N	4.0	0.10	mg/L	4.0	ND	101	90-110			04/02/21	
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**Blank Spike Dup (AED0098-BSD1)**

Ammonia as N	4.1	0.10	mg/L	4.0	ND	102	90-110	1	20	04/02/21	
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**Matrix Spike (AED0098-MS1), Source: AED0054-02**

Ammonia as N	4.0	0.10	mg/L	4.0	0.15	95	90-110			04/02/21	
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**Matrix Spike (AED0098-MS2), Source: AED0054-12**

Ammonia as N	3.8	0.10	mg/L	4.0	ND	96	90-110			04/02/21	
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AED0054 FINAL 04082021 1601



**BSK Associates Laboratory Fresno  
General Chemistry Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limit	RPD	Limit	Date Analyzed	Qual
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**SM 2120B - Quality Control**

Batch: AED0132

Prepared: 4/2/2021

Prep Method: Method Specific Preparation

Analyst: DEP

**Blank (AED0132-BLK1)**

Color, Apparent	ND	5.0	CU							04/02/21	
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**Duplicate (AED0132-DUP1), Source: AED0054-01**

Color, Apparent	ND	5.0	CU		ND			20		04/02/21	
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**Duplicate (AED0132-DUP2), Source: AED0054-11**

Color, Apparent	ND	5.0	CU		ND			20		04/02/21	
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**SM 2130B - Quality Control**

Batch: AED0132

Prepared: 4/2/2021

Prep Method: Method Specific Preparation

Analyst: DEP

**Blank (AED0132-BLK1)**

Turbidity	ND	0.10	NTU							04/02/21	
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**Duplicate (AED0132-DUP1), Source: AED0054-01**

Turbidity	0.64	0.10	NTU		0.69			8	20	04/02/21	
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**SM 2150B - Quality Control**

Batch: AEC1373

Prepared: 4/1/2021

Prep Method: Method Specific Preparation

Analyst: DEP

**Blank (AEC1373-BLK1)**

Threshold Odor	ND	1.0	T.O.N.							04/01/21	
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**Blank (AEC1373-BLK2)**

Threshold Odor	ND	1.0	T.O.N.							04/01/21	
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**Blank (AEC1373-BLK3)**

Threshold Odor	ND	1.0	T.O.N.							04/01/21	
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**SM 2320B - Quality Control**

Batch: AED0075

Prepared: 4/2/2021

Prep Method: Method Specific Preparation

Analyst: CEG

**Blank (AED0075-BLK1)**

Alkalinity as CaCO3	ND	3.0	mg/L							04/02/21	
Bicarbonate as CaCO3	ND	3.0	mg/L							04/02/21	
Carbonate as CaCO3	ND	3.0	mg/L							04/02/21	
Hydroxide as CaCO3	ND	3.0	mg/L							04/02/21	

**Blank Spike (AED0075-BS1)**

Alkalinity as CaCO3	98	3.0	mg/L	100	ND	98	80-120			04/02/21	
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AED0054

Diablo Grande/ Special Chloramination

**BSK Associates Laboratory Fresno  
General Chemistry Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Date Analyzed	Qual
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**SM 2320B - Quality Control**

Batch: AED0075

Prepared: 4/2/2021

Prep Method: Method Specific Preparation

Analyst: CEG

**Blank Spike Dup (AED0075-BSD1)**

Alkalinity as CaCO3	97	3.0	mg/L	100	ND	97	80-120	1	20	04/02/21
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**Duplicate (AED0075-DUP1), Source: AED0091-05**

Alkalinity as CaCO3	26	3.0	mg/L		25			1	10	04/02/21
Bicarbonate as CaCO3	26	3.0	mg/L		25			1	10	04/02/21
Carbonate as CaCO3	ND	3.0	mg/L		ND				10	04/02/21
Hydroxide as CaCO3	ND	3.0	mg/L		ND				10	04/02/21

**SM 2510B - Quality Control**

Batch: AED0075

Prepared: 4/2/2021

Prep Method: Method Specific Preparation

Analyst: CEG

**Blank Spike (AED0075-BS1)**

Conductivity @ 25C	1400	1.0	umhos/cm	1400	ND	97	90-110			04/02/21
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**Blank Spike Dup (AED0075-BSD1)**

Conductivity @ 25C	1400	1.0	umhos/cm	1400	ND	98	90-110	1	5	04/02/21
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**Duplicate (AED0075-DUP1), Source: AED0091-05**

Conductivity @ 25C	450	1.0	umhos/cm		460			0	5	04/02/21
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**SM 2540C - Quality Control**

Batch: AED0074

Prepared: 4/2/2021

Prep Method: Method Specific Preparation

Analyst: SYY

**Blank (AED0074-BLK1)**

Total Dissolved Solids	ND	5.0	mg/L							04/02/21
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**Blank Spike (AED0074-BS1)**

Total Dissolved Solids	990		mg/L	1000		99	70-130			04/02/21
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**Duplicate (AED0074-DUP1), Source: AED0054-01**

Total Dissolved Solids	400	5.0	mg/L		400			1	10	04/02/21
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**Duplicate (AED0074-DUP2), Source: AED0082-01**

Total Dissolved Solids	1200	5.0	mg/L		1200			2	10	04/02/21
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**SM 2550B - Quality Control**

Batch: AED0075

Prepared: 4/2/2021

Prep Method: Method Specific Preparation

Analyst: CEG

**Duplicate (AED0075-DUP1), Source: AED0091-05**

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AED0054 FINAL 04082021 1601



AED0054

Diablo Grande/ Special Chloramination

**BSK Associates Laboratory Fresno  
General Chemistry Quality Control Report**

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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**SM 2550B - Quality Control**

Batch: AED0075

Prepared: 4/2/2021

Prep Method: Method Specific Preparation

Analyst: CEG

**Duplicate (AED0075-DUP1), Source: AED0091-05**

Temperature	22.7		°C		22.6			1		04/02/21	
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**SM 4500-CI G - Quality Control**

Batch: AED0085

Prepared: 4/2/2021

Prep Method: Method Specific Preparation

Analyst: DXR

**Blank (AED0085-BLK1)**

Chlorine, Free Residual (1)	ND	0.10	mg/L							04/02/21	
Chlorine, Total Residual (1)	ND	0.10	mg/L							04/02/21	

**Blank Spike (AED0085-BS1)**

Chlorine, Free Residual (1)	0.94	0.10	mg/L	1.0	ND	94	90-110			04/02/21	
Chlorine, Total Residual (1)	0.94	0.10	mg/L	1.0	ND	94	90-110			04/02/21	

**Duplicate (AED0085-DUP1), Source: AED0050-01**

Chlorine, Free Residual (1)	ND	0.10	mg/L		ND			20		04/02/21	
Chlorine, Total Residual (1)	ND	0.10	mg/L		ND			20		04/02/21	

**SM 4500-CI G - Quality Control**

Batch: AED0100

Prepared: 4/2/2021

Prep Method: Method Specific Preparation

Analyst: DXR

**Blank (AED0100-BLK1)**

Chlorine, Free Residual (1)	ND	0.10	mg/L							04/02/21	
Chlorine, Total Residual (1)	ND	0.10	mg/L							04/02/21	

**Blank Spike (AED0100-BS1)**

Chlorine, Free Residual (1)	0.98	0.10	mg/L	1.0	ND	98	90-110			04/02/21	
Chlorine, Total Residual (1)	0.99	0.10	mg/L	1.0	ND	99	90-110			04/02/21	

**Duplicate (AED0100-DUP1), Source: AED0054-10**

Chlorine, Free Residual (1)	ND	0.10	mg/L		ND			20		04/02/21	
Chlorine, Total Residual (1)	0.12	0.10	mg/L		0.12			0	20	04/02/21	

**SM 4500-H+ B - Quality Control**

Batch: AED0075

Prepared: 4/2/2021

Prep Method: Method Specific Preparation

Analyst: CEG

**Duplicate (AED0075-DUP1), Source: AED0091-05**

pH (1)	7.31		0.0 pH Units		7.29			0		04/02/21	
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**BSK Associates Laboratory Fresno  
Metals 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 200.7 - Quality Control**

Batch: AED0090  
Prep Method: EPA 200.2

Prepared: 4/5/2021  
Analyst: MDS

**Blank (AED0090-BLK2)**

Calcium	ND	0.10	mg/L							04/07/21	
Iron	ND	0.030	mg/L							04/07/21	
Manganese	ND	0.010	mg/L							04/07/21	

**Blank Spike (AED0090-BS2)**

Calcium	3.8	0.10	mg/L	4.0	ND	94	85-115			04/07/21	
Iron	0.20	0.030	mg/L	0.20	ND	102	85-115			04/07/21	
Manganese	0.20	0.010	mg/L	0.20	ND	98	85-115			04/07/21	

**Blank Spike Dup (AED0090-BSD2)**

Calcium	3.7	0.10	mg/L	4.0	ND	93	85-115	1	20	04/07/21	
Iron	0.20	0.030	mg/L	0.20	ND	98	85-115	3	20	04/07/21	
Manganese	0.19	0.010	mg/L	0.20	ND	95	85-115	3	20	04/07/21	

**Matrix Spike (AED0090-MS3), Source: AEC2809-06**

Calcium	3.9	0.10	mg/L	4.0	0.18	94	70-130			04/07/21	
Iron	0.20	0.030	mg/L	0.20	ND	99	70-130			04/07/21	
Manganese	0.19	0.010	mg/L	0.20	ND	97	70-130			04/07/21	

**Matrix Spike (AED0090-MS4), Source: AED0054-09**

Calcium	33	0.10	mg/L	4.0	30	78	70-130			04/07/21	
Iron	0.34	0.030	mg/L	0.20	0.15	95	70-130			04/07/21	
Manganese	0.20	0.010	mg/L	0.20	ND	95	70-130			04/07/21	

**Matrix Spike Dup (AED0090-MSD3), Source: AEC2809-06**

Calcium	3.9	0.10	mg/L	4.0	0.18	93	70-130	1	20	04/07/21	
Iron	0.20	0.030	mg/L	0.20	ND	101	70-130	1	20	04/07/21	
Manganese	0.19	0.010	mg/L	0.20	ND	97	70-130	0	20	04/07/21	

**Matrix Spike Dup (AED0090-MSD4), Source: AED0054-09**

Calcium	34	0.10	mg/L	4.0	30	99	70-130	3	20	04/07/21	
Iron	0.36	0.030	mg/L	0.20	0.15	102	70-130	4	20	04/07/21	
Manganese	0.20	0.010	mg/L	0.20	ND	98	70-130	3	20	04/07/21	

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**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.
- (2) - Formerly known as Bis(2-Chloroisopropyl) ether.

**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:

Aggressive Index

Threshold Odor



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	4021-017
State of Nevada	CA000792020-2	State of Oregon - NELAP	4021-017
EPA - UCMR4	CA00079	State of Washington	C997-21

Sacramento

State of California - ELAP	2435
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San Bernardino

State of California - ELAP	2993	Los Angeles CSD	9254478
NELAP certified	4119-005	State of Oregon - NELAP	4119-005

Vancouver

NELAP certified	WA100008-013	State of Oregon - NELAP	WA100008-013
State of Washington	C824-20		

# 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?			
Was temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 3^{\circ}\text{C}$		<u>Yes</u>						
If samples were taken today, is there evidence that chilling has begun?		<u>Yes</u>			Bubbles Present VOA's (524.2/TTHM/TCP)? Yes No <u>NA</u>			
Did all bottles arrive unbroken and intact?		<u>Yes</u>			TB Received? (Check Method Below) Yes No <u>NA</u>			
Did all bottle labels agree with COC?		<u>Yes</u>			Was a sufficient amount of sample received? Yes No <u>NA</u>			
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?		<u>Yes</u>		<u>NA</u>	Do samples have a hold time $< 72$ hours? Yes No <u>NA</u>			
					Was PM notified of discrepancies? PM: _____ By/Time: _____ Yes No <u>NA</u>			
Bottles Received <small>* means preservation/chlorine checks are either NA or are performed in the lab</small>	250ml(A) 500ml(B) 1Liter(C) 40ml/VOA(V) 125ml(D)	Checks*	Passed?					
	Bacti $\text{Na}_2\text{S}_2\text{O}_3$	—	—					
	None (P) White Cap	—	—					
	Cr6 (P) LL Green Label/Blue Cap $\text{NH}_4\text{OH}/(\text{NH}_4)_2\text{SO}_4$ DW	Cl, pH > 8	P	F				
	Cr6 (P) Pink Label/Blue Cap $\text{NH}_4\text{OH}/(\text{NH}_4)_2\text{SO}_4$ WW	pH 9.3-9.7	P	F				
	Cr6 (P) Black Label/Blue Cap $\text{NH}_4\text{OH}/(\text{NH}_4)_2\text{SO}_4$ 7199 <b>**24 HOUR HOLD TIME**</b>	pH 9.0-9.5	P	F				
	$\text{HNO}_3$ (P) Red Cap or $\text{HCl}$ (P) Purple Cap/LL Blue Label	—	—					
	$\text{H}_2\text{SO}_4$ (P) or (AG) Yellow Cap/Label	pH < 2	<u>P</u>	F				
	$\text{NaOH}$ (P) Green Cap	Cl, pH > 10	P	F				
	$\text{NaOH} + \text{ZnAc}$ (P)	pH > 9	P	F				
	Dissolved Oxygen 300ml (g)	—	—					
	None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	—	—					
	$\text{HCl}$ (AG) LL Blue Label O&G, Diesel, TCP	—	—					
	Ascorbic, EDTA, $\text{KH}_2\text{Cl}$ (AG) Pink Label 525	—	—					
	$\text{Na}_2\text{SO}_3$ 250mL (AG) Neon Green Label 515	—	—					
	$\text{Na}_2\text{S}_2\text{O}_3$ 1 Liter (Brown P) 549	—	—					
	$\text{Na}_2\text{S}_2\text{O}_3$ (AG) Blue Label 548, THM, 524	—	—					
	$\text{Na}_2\text{S}_2\text{O}_3$ (CG) Blue Label 504, 505, 547	—	—					
	$\text{Na}_2\text{S}_2\text{O}_3 + \text{MCAA}$ (CG) Orange Label 531	pH < 3	P	F				
	$\text{NH}_4\text{Cl}$ (AG) Purple Label 552	—	—					
	EDA (P) or (AG) Brown Label DBPs	—	—					
	$\text{HCL}$ (CG) 524.2, BTEX, Gas, MTBE, 8260/624	—	—					
	Buffer pH 4 (CG)	—	—					
	$\text{H}_3\text{PO}_4$ (CG) Salmon Label	—	—					
	Trizma - EPA 537.1 - Field Blank Required	—	—					
Other:	—	—						
Asbestos 1L (P) w/ Foil / LL Metals Bottle	—	—						
Bottled Water	—	—						
Clear Glass 125mL / 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	*Preservation check completed by lab performing analysis.			✓ Indicates Blanks Received 504 ___ 524.2 ___ TTHM ___ 537.1 ___ TCP ___ ✓ MS/MSD Received Method: _____				

# BSK Associates

Engineers & Laboratories

1414 Stanislaus St., Fresno, CA 93706  
 (559) 497-2888 Fax: (559) 497-2893  
 www.bskassociates.com

Temp: 5.4  
 B.L. # 53

AED0054 Westel200 04/01/2021  
  
 5

Company/Client Name: Western Hills Water District  
 Required Fields: Report Attention: Ron Demmers  
 Additional cc's: Invoice To: PO#:  
 Address: 9501 Morton Davis Dr. City: Paterson State: CA Zip: 95363  
 Project: Diablo Grande Chloramination SPECIAL  
 Project #: 5010039-003  
 How would you like your completed results sent?  
 Trace (1-11kg)  Swab  EDI  Fax  Mail  
 Standard - 40 Business Days  
 Rush: Date Needed 5 DAY  
 Regulatory Compliance:  EDI to California DEP  
 System Number:  Geotracker #  
 Matrix Types: SW=Surface Water SWQ=Soil/Water GW=Ground Water LW=Leachate Water STW=Storm Water DW=Drinking Water SO=Solid  
 Phone: 559-536-0012 Fax: 209-620-4565  
 E-mail: demmers.ron@gmail.com

#	Sample Description*	Sampled		Matrix*	Comments / Station Code / WTRAX	Analytical Results									
		Date	Time			HPC	Color, Odor, NTU	Nitrite	Ammonia- Nitrogen	Total Coliform, E. Coll	Free Chlorine, total Chlorine	pH, Temperature	Conductivity, TDS,	Aggressive Index	
1	9120 Morton Davis Drive Lot 88	4-01-21	9:55	DW		X	X	X	X	X	X	X	X	X	X
2	Golf Canyon Drive lot 63		10:40	DW		X	X	X	X	X	X	X	X	X	X
3	Tee Box Court Lot 84		9:20	DW		X	X	X	X	X	X	X	X	X	X
4	Russ Court Lot 63		9:30	DW		X	X	X	X	X	X	X	X	X	X
5	Schneider Lane Lot 21		10:55	DW		X	X	X	X	X	X	X	X	X	X
6	9280 Panoz Court Lot 188		10:00	DW		X	X	X	X	X	X	X	X	X	X
7	Copper Mountain Road		9:00	DW		X	X	X	X	X	X	X	X	X	X
8	9454 California oak circle Lot 38		10:25	DW		X	X	X	X	X	X	X	X	X	X
9	9360 Jacks Place Lot 297		10:10	DW		X	X	X	X	X	X	X	X	X	X
10	Sand Trap Lot 91		9:05	DW		X	X	X	X	X	X	X	X	X	X
11	Zone 3 # 16 Storage Tank		8:00	DW		X	X	X	X	X	X	X	X	X	X
12	Clearwell Storage Tank		9:55	DW		X	X	X	X	X	X	X	X	X	X

DO NOT EDIT  
 Requisitioned by: Signature of Client (Name)  
 Requisitioned by: Signature and Printed Name  
 Date: 4-1-21 Time: 1:31  
 Received by: Signature and Printed Name  
 Date: 4/1/21 Time: 5:02  
 Payment Received at Dielweg:  
 Date: 4/1/21  
 Company: W H W D  
 Shipping Method: ONTRAC UPS GSO MAIL-IN  
 Coding Method: VWR Blue None  
 Chilling Process Begun: Y/N  
 Custody Seal Y/N  
 Analyte: P/AF  
 Check: / Init: / Cash: /

\* Payment for services rendered is not to be made in full until 30 days from the date invoiced. If not so paid, account balances are deemed delinquent. Delinquent balances are subject to monthly service charges and interest specified in BSK's current Standard Terms and Conditions for Laboratory Services. The person signing for the Client/Shipping acknowledges that they are either the Client or an authorized agent to the Client, that the Client agrees to be responsible for payment for the services on this Chain of Custody. BSK's current terms and conditions can be found at www.bskassociates.com/BSK%20Lab%20Terms%20Conditions.pdf  
 S&L-0012-05 Analytical Chain of Custody