2020 Consumer Confidence Report

Water System Name: **Tranquillity Irrigation District** Report Date: 06/23/2021

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 to December 31, 2020 and may include earlier monitoring data.

Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse Tranquillity Irrigation District a PO Box 487, Tranquillity CA 93668 559-698-7225 para asistirlo en español.

这份报告含有关于您的饮用水的重要讯息。请用以下地址和电话联系 Tranquillity Irrigation District以获得中文的帮助 :[***Enter Water System's Address Here***][***Enter Water System's Phone Number Here***]

Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa [*Enter Water System's Name and Address Here*] o tumawag sa [*Enter Water System's Phone Number Here*] para matulungan sa wikang Tagalog.

Báo cáo này chứa thông tin quan trọng về nước uống của bạn. Xin vui lòng liên hệ Tranquillity Irrigation District tại PO Box 487, Tranquillity CA 93668 559-698-7225 để được hỗ trợ giúp bằng tiếng Việt.

Tsab ntawv no muaj cov ntsiab lus tseem ceeb txog koj cov dej haus. Thov hu rau Tranquillity Irrigation District ntawm PO Box 487, Tranquillity CA 93668 559-698-7225 rau kev pab hauv lus Askiv.

Type of water source(s) in use: Two deep wells

Name & general location of source(s): City Wells #6 & #7 located at Colorado & Contra Costa

Drinking Water Source Assessment information: DHS Visalia District – Completed Assessment Feb 2001 - Vulnerability Auto gas stations and historic gas stations

Time and place of regularly scheduled board meetings for public participation: 3rd Wednesday of each month @ 8:30am At the Tranquillity Irrigation District Board room – 25390 W Silveira, Tranquillity

For more information, contact: Danny M Wade, General Manager Phone: 559-698-7225

TERMS USED IN THIS REPORT

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (U.S. EPA).

Public Health Goal (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Primary Drinking Water Standards (PDWS): MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Secondary Drinking Water Standards (SDWS): MCLs for contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Variances and Exemptions: Permissions from the State Water Resources Control Board (State Board) to exceed an MCL or not comply with a treatment technique under certain conditions.

Level 1 Assessment: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment: A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an *E. coli* MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

ND: not detectable at testing limit
ppm: parts per million or milligrams per liter (mg/L)
ppb: parts per billion or micrograms per liter (µg/L)
ppt: parts per trillion or nanograms per liter (ng/L)
ppq: parts per quadrillion or picogram per liter (pg/L)
pCi/L: picocuries per liter (a measure of radiation)

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- *Microbial contaminants*, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic contaminants*, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Pesticides and herbicides*, that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Organic chemical contaminants*, including synthetic and volatile organic chemicals, that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- *Radioactive contaminants*, that can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the U.S. EPA and the State Board prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2, 3, 4, 5, and 6 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State Board allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old. Any violation of an AL, MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.

TABLE 1 – SAMPLING RESULTS SHOWING THE DETECTION OF COLIFORM BACTERIA

Microbiological Contaminants (complete if bacteria detected)	Highest No. of Detections	No. of Months in Violation	MCL	MCLG	Typical Source of Bacteria
Total Coliform Bacteria (state Total Coliform Rule)	(In a month)	0	1 positive monthly sample(a)	0	Naturally present in the environment
Fecal Coliform or *E. coli* (state Total Coliform Rule)	(In the year)	0	A routine sample and a repeat sample are total coliform positive, and one of these is also fecal coliform or *E. coli* positive		Human and animal fecal waste
E. coli (federal Revised Total Coliform Rule)	(In the year)	0	(b)	0	Human and animal fecal waste

(a) Two or more positive monthly samples is a violation of the MCL
(b) Routine and repeat samples are total coliform-positive and either is *E. coli*-positive or system fails to take repeat samples following *E. coli*-positive routine sample or system fails to analyze total coliform-positive repeat sample for *E. coli*.

TABLE 2 – SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER

Lead and Copper (complete if lead or copper detected in the last sample set)	Sample Date	No. of Samples Collected	90th Percentile Level Detected	No. Sites Exceeding AL	AL	PHG	No. of Schools Requesting Lead Sampling	Typical Source of Contaminant
Lead (ppb)	03/07/19	13	0	0	15	0.2	1	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	03/07/19	13	0	0	1.3	0.3	Not applicable	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

TABLE 3 – SAMPLING RESULTS FOR SODIUM AND HARDNESS						
Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**MCL**	**PHG (MCLG)**	**Typical Source of Contaminant**
Sodium (ppm)	12/16/2020	310		None	None	Salt present in the water and is generally naturally occurring
Hardness (ppm)	12/16/2020	110		None	None	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

TABLE 4 – DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD						
Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**MCL [MRDL]**	**PHG (MCLG) [MRDLG]**	**Typical Source of Contaminant**
Arsenic	12/16/2020	2.6		10	2	Erosion of natural deposits; runoff from orchards; glass and electronics production waste
Fluoride	12/16/2020	.35		2	1	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer & aluminum factories
Nitrate	12/16/2020	ND		10	10	Runoff and leaching from fertilizer use, leaching from septic tanks sewage, erosion of natural deposits
Chlorine (MRDL)	12/31/19	.21	.21-.49	4.0	4	Drinking water disinfectant added for treatment

TABLE 5 – DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD						
Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**SMCL**	**PHG (MCLG)**	**Typical Source of Contaminant**
Iron (ug/L) @ treatment plant	06/18/21	ND		300		Leaching from natural deposits, industrial wastes
Manganese (ug/L) @ treatment plant	06/18/21	ND		50		Leaching of natural deposits

TABLE 6 – DETECTION OF UNREGULATED CONTAMINANTS					
Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**Notification Level**	**Health Effects Language**

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the U.S. EPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. U.S. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Lead-Specific Language: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Tranquillity Irrigation District is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can

minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. [***OPTIONAL:*** If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants.] If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at http://www.epa.gov/lead.

Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

VIOLATION OF A MCL, MRDL, AL, TT, OR MONITORING AND REPORTING REQUIREMENT				
Violation	**Explanation**	**Duration**	**Actions Taken to Correct the Violation**	**Health Effects Language**
N/A				

For Water Systems Providing Groundwater as a Source of Drinking Water

TABLE 7 – SAMPLING RESULTS SHOWING FECAL INDICATOR-POSITIVE GROUNDWATER SOURCE SAMPLES					
Microbiological Contaminants (complete if fecal-indicator detected)	**Total No. of Detections**	**Sample Dates**	**MCL [MRDL]**	**PHG (MCLG) [MRDLG]**	**Typical Source of Contaminant**
E. coli	0		0	(0)	Human and animal fecal waste
Enterococci	0		TT	N/A	Human and animal fecal waste
Coliphage	0		TT	N/A	Human and animal fecal waste

Consumer Confidence Report
Certification Form
(to be submitted with a copy of the CCR)

(To certify electronic delivery of the CCR, use the certification form on the State Water Board's website at http://www.swrcb.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml)

Water System Name:	Tranquillity Irrigation District
Water System Number:	CA1010030

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 6/24/2021 (*date*) to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the State Water Resources Control Board, Division of Drinking Water.

Certified by:	Name:	**Horacio Mejia**	
	Signature:	H. Mejia	
	Title:	**Water Treatment plant manager**	
	Phone Number:	559-698-7225	Date: **6/24/2021**

To summarize report delivery used and good-faith efforts taken, please complete the below by checking all items that apply and fill-in where appropriate:

☑ CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used: _____

☐ "Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:

- ☑ Posting the CCR on the Internet at www.trqid.com
- ☐ Mailing the CCR to postal patrons within the service area (attach zip codes used)
- ☐ Advertising the availability of the CCR in news media (attach copy of press release)
- ☐ Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of newspaper and date published)
- ☑ Posted the CCR in public places (attach a list of locations) OFFICE WINDOW
- ☐ Delivery of multiple copies of CCR to single-billed addresses serving several persons, such as apartments, businesses, and schools

- ☐ Delivery to community organizations (attach a list of organizations)
- ☐ Other (attach a list of other methods used)

☐ *For systems serving at least 100,000 persons*: Posted CCR on a publicly-accessible internet site at the following address: www._____

☐ *For investor-owned utilities*: Delivered the CCR to the California Public Utilities Commission

This form is provided as a convenience for use to meet the certification requirement of the California Code of Regulations, section 64483(c).

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

ADL1883
12/30/2020
Invoice: AD26556

Liz Reeves
City of Tranquillity
PO Box 487
Tranquillity, CA 93668

RE: Report for ADL1883 General

Dear Liz Reeves,

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 12/16/2020. 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, Heather S. White , at 559-497-2888.

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

Sincerely,

Heather S. White, Project Manager

Accredited in Accordance with NELAP
ORELAP #4021-009

BSK ASSOCIATES

Case Narrative

Project and Report Details		Invoice Details	
Client:	City of Tranquillity	**Invoice To:**	City of Tranquillity
Report To:	Liz Reeves	**Invoice Attn:**	Liz Reeves
Project #:	CA1010030	**Project PO#:**	-
Received:	12/16/2020 - 14:29		
Report Due:	12/31/2020		

Sample Receipt Conditions

Cooler: Default Cooler
Temperature on Receipt °C: 11.9

Containers Intact
COC/Labels Agree
Received On Blue Ice
Sample(s) arrived at lab on same day sampled.
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:

CV0.0	CCV recovery was above method acceptance limits; no material impact on reported result as sample detection is below the reporting limit for this parameter.
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.
MS1.4	Matrix spike recovery data unreliable due to significant parent sample concentration relative to fortification level (>4x).

Report Distribution

Recipient(s)	Report Format	CC:
Rodney Wade	FINAL.RPT	thefrnzy81@yahoo.com
Liz Reeves	FINAL.RPT	

BSK ASSOCIATES

Certificate of Analysis

Sample ID: ADL1883-01
Sampled By: Client
Sample Description: Well #6

Sample Date - Time: 12/16/2020 - 07:30
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aggressive Index		**12**				ADL1314	12/23/20	12/23/20	
Alkalinity as CaCO3	SM 2320B	**160**	3.0	mg/L	1	ADL0980	12/17/20	12/17/20	
Bicarbonate as CaCO3	SM 2320B	**160**	3.0	mg/L	1	ADL0980	12/17/20	12/17/20	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	ADL0980	12/17/20	12/17/20	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	ADL0980	12/17/20	12/17/20	
Chloride	EPA 300.0	**160**	1.0	mg/L	1	ADL0953	12/16/20	12/16/20	
Color, Apparent	SM 2120B	**15**	5.0	CU	1	ADK1416	12/16/20 19:29	12/16/20	
Color pH (1)	SM 4500-H+ B	**8.1**		pH Units	1	ADK1416	12/16/20	12/16/20	
Conductivity @ 25C	SM 2510B	**1700**	1.0	umhos/cm	1	ADL0980	12/17/20	12/17/20	
Langelier Index	SM 2330B	**-0.053**				ADL1442	12/28/20	12/28/20	
MBAS, Calculated as LAS, mol wt 340	SM 5540C	ND	0.050	mg/L	1	ADL0961	12/16/20 20:00	12/16/20	
Nitrate + Nitrite as N	EPA 300.0	ND	0.23	mg/L	1	ADL0953	12/16/20 23:59	12/16/20	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	ADL0953	12/16/20 23:59	12/16/20	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	ADL0953	12/16/20 23:59	12/16/20	
Threshold Odor	SM 2150B	ND	1.0	T.O.N.	1	ADL0412	12/16/20 18:52	12/16/20	
pH (1)	SM 4500-H+ B	**7.9**	0.0	pH Units	1	ADL0980	12/17/20 10:05	12/17/20	
pH Temperature in °C		**21.1**							
Sulfate as SO4	EPA 300.0	**410**	1.0	mg/L	1	ADL0953	12/16/20	12/16/20	
Total Dissolved Solids	SM 2540C	**1100**	5.0	mg/L	1	ADL1064	12/18/20	12/18/20	
Turbidity	SM 2130B	**0.68**	0.10	NTU	1	ADK1416	12/16/20 19:50	12/16/20	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aluminum	EPA 200.7	ND	0.050	mg/L	1	ADL0989	12/17/20	12/21/20	
Antimony	EPA 200.8	ND	2.0	ug/L	1	ADL0989	12/17/20	12/18/20	
Arsenic	EPA 200.8	**2.6**	2.0	ug/L	1	ADL0989	12/17/20	12/18/20	
Barium	EPA 200.7	ND	0.050	mg/L	1	ADL0989	12/17/20	12/21/20	
Beryllium	EPA 200.8	ND	1.0	ug/L	1	ADL0989	12/17/20	12/18/20	CV0.0
Cadmium	EPA 200.8	ND	1.0	ug/L	1	ADL0989	12/17/20	12/18/20	
Calcium	EPA 200.7	**36**	0.10	mg/L	1	ADL0989	12/17/20	12/21/20	
Chromium	EPA 200.8	ND	10	ug/L	1	ADL0989	12/17/20	12/18/20	
Copper	EPA 200.8	ND	5.0	ug/L	1	ADL0989	12/17/20	12/18/20	
Iron	EPA 200.7	**0.74**	0.030	mg/L	1	ADL0989	12/17/20	12/21/20	MS1.1
Lead	EPA 200.8	ND	1.0	ug/L	1	ADL0989	12/17/20	12/18/20	
Magnesium	EPA 200.7	**5.0**	0.10	mg/L	1	ADL0989	12/17/20	12/21/20	
Manganese	EPA 200.7	**0.65**	0.010	mg/L	1	ADL0989	12/17/20	12/21/20	
Mercury	EPA 200.8	ND	0.20	ug/L	1	ADL0989	12/17/20	12/18/20	
Nickel	EPA 200.8	ND	10	ug/L	1	ADL0989	12/17/20	12/18/20	
Potassium	EPA 200.7	**7.6**	2.0	mg/L	1	ADL0989	12/17/20	12/21/20	
Selenium	EPA 200.8	**2.6**	2.0	ug/L	1	ADL0989	12/17/20	12/18/20	
Silver	EPA 200.8	ND	10	ug/L	1	ADL0989	12/17/20	12/18/20	
Sodium	EPA 200.7	**310**	1.0	mg/L	1	ADL0989	12/17/20	12/21/20	MS1.4

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

Sample ID: ADL1883-01
Sampled By: Client
Sample Description: Well #6

Sample Date - Time: 12/16/2020 - 07:30
Matrix: Ground Water
Sample Type: Grab

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Thallium	EPA 200.8	ND	1.0	ug/L	1	ADL0989	12/17/20	12/18/20	
Hardness as CaCO3	SM 2340B	**110**	0.41	mg/L					
Zinc	EPA 200.7	ND	0.050	mg/L	1	ADL0989	12/17/20	12/21/20	

Certificate of Analysis

Sample ID: ADL1883-01RE1
Sampled By: Client
Sample Description: Well #6

Sample Date - Time: 12/16/2020 - 07:30
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Fluoride	EPA 300.0	**0.35**	0.10	mg/L	1	ADL1167	12/21/20	12/21/20	

BSK Associates

EDT

Date of Report: 21|06|23|1633 **Sample ID No.:** AEF1317-01

Laboratory Name: BSK Analytical Laboratories **Signature Lab Director:**

Name of Sampler: Client

Date/Time Sample Collected: 21|06|10|0900 **Date/Time Sample Received @ Lab :** 21|06|10|1430 **Date Analyses Completed:** 21|06|18

System Name: TRANQUILLITY IRRIGATION DIST **System Number:** 1010030

Name or Number of Sample Source: DBP SAMPLING POINT

User ID: CYA **Station Number:** 1010030-901

Date/Time of Sample: 21|06|10|0900 **Laboratory Code:** 5810

Submitted by: BSK Associates Laboratory Fresno **Date Analyses Completed:** 21|06|18

Phone #: 559-497-2888

TEST METHOD	CHEMICAL	ENTRY #	ANALYSES RESULTS	MCL µg/L	DLR µg/L
	REGULATED ORGANIC CHEMICALS				
EPA 524.2	**Total Trihalomethanes (TTHMs)**	**82080**	**90**	**80**	
EPA 524.2	Bromodichloromethane	32101	5.1		1.0
EPA 524.2	Bromoform	32104	62		1.0
EPA 524.2	Chloroform (Trichloromethane)	32106	1.4		1.0
EPA 524.2	Dibromochloromethane	32105	21		1.0
	REGULATED ORGANIC CHEMICALS				
EPA 552.3	Haloacetic Acids (five)(HAA5)	A-049	22	60	
EPA 552.3	Monochloroacetic Acid (MCAA)	A-042	ND		2.0
EPA 552.3	Dichloroacetic Acid (DCAA)	77288	1.6		1.0
EPA 552.3	Trichloroacetic Acid (TCAA)	82723	1.4		1.0
EPA 552.3	Monobromoacetic Acid (MBAA)	A-041	1.3		1.0
EPA 552.3	Dibromoacetic Acid (DBAA)	82721	18		1.0

BSK Associates

EDT

Date of Report: 21|06|23|1633 **Sample ID No.:** AEF1317-02

Laboratory Name: BSK Analytical Laboratories **Signature Lab Director:**

Name of Sampler: Client

Date/Time Sample Collected: 21|06|10|1000 **Date/Time Sample Received @ Lab :** 21|06|10|1430 **Date Analyses Completed:** 21|06|18

System Name: TRANQUILLITY IRRIGATION DIST **System Number:** 1010030

Name or Number of Sample Source: DBP SAMPLING POINT

User ID: CYA **Station Number:** 1010030-902

Date/Time of Sample: 21|06|10|1000 **Laboratory Code:** 5810

Submitted by: BSK Associates Laboratory Fresno **Date Analyses Completed:** 21|06|18

Phone #: 559-497-2888

TEST METHOD	CHEMICAL	ENTRY #	ANALYSES RESULTS	MCL µg/L	DLR µg/L
	REGULATED ORGANIC CHEMICALS				
EPA 524.2	Total Trihalomethanes (TTHMs)	82080	74	80	
EPA 524.2	Bromodichloromethane	32101	4.8		1.0
EPA 524.2	Bromoform	32104	49		1.0
EPA 524.2	Chloroform (Trichloromethane)	32106	1.4		1.0
EPA 524.2	Dibromochloromethane	32105	19		1.0
	REGULATED ORGANIC CHEMICALS				
EPA 552.3	Haloacetic Acids (five)(HAA5)	A-049	15	60	
EPA 552.3	Monochloroacetic Acid (MCAA)	A-042	ND		2.0
EPA 552.3	Dichloroacetic Acid (DCAA)	77288	1.1		1.0
EPA 552.3	Trichloroacetic Acid (TCAA)	82723	ND		1.0
EPA 552.3	Monobromoacetic Acid (MBAA)	A-041	ND		1.0
EPA 552.3	Dibromoacetic Acid (DBAA)	82721	14		1.0

BSK Associates

EDT

Date of Report: 21|06|23|1633 **Sample ID No.:** AEF1317-03

Laboratory Name: BSK Analytical Laboratories **Signature Lab Director:**

Name of Sampler: Client

Date/Time Sample Collected: 21|06|10|1030 **Date/Time Sample Received @ Lab :** 21|06|10|1430 **Date Analyses Completed:** 21|06|18

System Name: TRANQUILLITY IRRIGATION DIST **System Number:** 1010030

Name or Number of Sample Source: WELL 06/07-FEMN TRTMT WITH CL2-O2

User ID: CYA **Station Number:** 1010030-008

Date/Time of Sample: 21|06|10|1030 **Laboratory Code:** 5810

Submitted by: BSK Associates Laboratory Fresno **Date Analyses Completed:** 21|06|18

Phone #: 559-497-2888

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
300	ug/L	Iron (Fe) (ug/L)	01045	ND	100
50	ug/L	Manganese (Mn) (ug/L)	01055	ND	20