2016 Consumer Confidence Report

Water System Name: **City of Avenal** Report Date: June 9, 2017

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 - December 31, 2016 and may include earlier monitoring data.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo ó hable con alguien que lo entienda bien.

Type of water source(s) in use: Surface Water

Name & general location of source(s): The City of Avenal drinking water is pulled out of the California aqueduct. It is located on the Avenal Cutoff Road and the California Aqueduct.

Drinking Water Source Assessment information: A source water assessment was conducted in April of 2003. The source is considered most vulnerable to the following activities associated with contaminants detected in the water supply: vehicular traffic, recreational activities, influent drainages and storm water runoff. A copy of the complete assessment may be requested by contacting Ronald Brumley at (559) 386-0868.

Time and place of regularly scheduled board meetings for public participation: City council meetings are held at the Avenal theater on the 2nd and 4th Thursday of each month at 6:00 P.M.

For more information, contact: Ronald Brumley, Utilities Supervisor Phone: (559) 386-0868

Last year, we conducted more than 100 tests for over 80 contaminants. We only detected nine of these contaminants, and found only one at a level higher than the State allows. As we told you at the time, our water temporarily exceeded drinking water standards. For more information, see the paragraph marked violation on page 4 of this letter. This letter is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to State standards. We are committed to providing you with information because informed customers are our best allies.

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 storm water 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 storm water runoff, and residential uses.
- *Organic chemical contaminants*, including synthetic and volatile organic chemicals, that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water 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 USEPA and the State Water Resources Control Board (State Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Board regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

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 (USEPA).

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: State Board permission to exceed an MCL or not comply with a treatment technique under certain conditions.

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)

Tables 1, 2, 3, 4, 5, 7, and 8 list all the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these cjontaminants 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.

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	(In a mo.) 1	0	More than 1 sample in a month with a detection	0	Naturally present in the environment
Fecal Coliform or *E. coli*	(In the year) 0	0	A routine sample and a repeat sample detect total coliform and either sample also detects fecal coliform or *E. coli*	0	Human and animal fecal waste

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	Typical Source of Contaminant
Lead (ppb)	7-27-16	30	.019	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	7-27-16	30	.446	0	1.3	0.3	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)	10-12-16	67	67	None	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	10-12-16	88	88	None	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

***Any violation of an MCL or AL is asterisked. Additional information regarding the violation is provided later in this report.*

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**
Gross Alpha (pCi/L)	10/12/16	5.7	5.7	15	0	Erosion of natural deposits of certain minerals that are radioactive and may emit a form of radiation known as alpha radiation
Gross Beta (pCi/L)	10/12/16	4.1	4.1	50		Erosion of natural deposits of certain minerals that are radioactive and may emit a form of radiation known as beta radiation
*Total Trihalomethanes (ug/L)	1/21/16-10/05/16	76	59-96	80	N/A	Byproduct of drinking water disinfection
Bromodichloromethane		20.3	9.6-36		1.0	
Bromoform		13.8	1.0-29		1.0	
Chloroform		14.1	1.4-44		1.0	
Dibromochloromethane		25.5	12-34		1.0	

TABLE 5 – DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD						
Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**Secondary MCL**		**Typical Source of Contaminant**
Odor (threshold odor #)	10/12/16	4	4	3		Certain odors may be indicative of organic or non-organic contaminants that originate from municipal or industrial waste discharges or from natural sources.
Sulfate (mg/L)	10/12/16	38	38	500		Elevated concentrations may result from saltwater intrusion, mineral dissolution, and domestic or industrial waste.
Zinc (mg/L)	10/12/16	0.1	0.1	5		Runoff/leaching from natural deposits; industrial wastes

***Any violation of an MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.*

For a full analytical report of all tested contaminants please visit the City of Avenal website: www.cityofavenal.com or by submitting all requests to Ronald Brumley at rbrumley@cityofavenal.com

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 USEPA'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. USEPA/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 for Community Water Systems: 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. The City of Avenal 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. 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 or at http://www.epa.gov/safewater/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**
***Total trihalomethanes (TTHM)**	**Due to poor raw water quality and existing treatment technology we were unable meet the stage 2 DBP Rule**	**Since 3rd quarter 2014**	**Contracted out engineering firm to analyze alternative treatment techniques**	**Some people who drink water containing total trihalomethanes in excess of the MCL over many years could experience liver, kidney, or central nervous system problems and increased risk of cancer.**

For Systems Providing Surface Water as a Source of Drinking Water

TABLE 8 - SAMPLING RESULTS SHOWING TREATMENT OF SURFACE WATER SOURCES	
Treatment Technique [a] (Type of approved filtration technology used)	Conventional Filtration
Turbidity Performance Standards [b] (that must be met through the water treatment process)	Turbidity of the filtered water must: Be less than or equal to 0.3 NTU in 95% of measurements in a month.
Lowest monthly percentage of samples that met Turbidity Performance Standard No. 1.	100%
Highest single turbidity measurement during the year	0.30
Number of violations of any surface water treatment requirements	0

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

(b) Turbidity (measured in NTU) is a measurement of the cloudiness of water and is a good indicator of water quality and filtration performance. Turbidity results which meet performance standards are considered to be in compliance with filtration requirements.

** Any violation of a TT is marked with an asterisk..*

GENERAL MINERAL,PHYSICAL&INORGANIC ANALYSES (11/07)

Date of Report: 12/19/2016 | Sample ID No.: 201610130161 - 616543

Laboratory Name: Eurofins Eaton Analytical

Name of Sampler: Ramon Vargas | Employed by: City of Avenal

Date/Time Sample Collected: 10/12/2016 1215 | Date/Time Received @Lab: 10/13/2016 | Date Analyses Completed. 11/29/2016

System Name: AVENAL, CITY OF | System Number: 1610002

Variable ID: | COC ID: Treated

Name or Number of Sample Source: WTP 1 & 2 COMBINED EFFLUENT - TREATED

User ID: cya | **Station number: 1610002-002**

Date/Time of Sample: 16 10 12 1215 (YY MM DD TTTT) | **Laboratory Code:** |9|5|9|0|

Date Analyses completed: 16 11 29 (YY MM DD)

Submitted by: Ronald Brumley | Phone# 559-816-0653

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
	mg/L	Hardness, (Total) as CaCO3	00900	88	
	mg/L	Calcium (Ca)	00916	14	
	mg/L	Magnesium (Mg)	00927	13	
	mg/L	Sodium (Na)	00929	67	
	mg/L	Potassium (K)	00937	3.1	
Total Cations	me/L	Value: 4.8			
	mg/L	Alkalinity, (Total) (as CaCO3)	00410	48	
	mg/L	Hydroxide (as OH)	71830	<2	
	mg/L	Carbonate (as CO3)	00445	<2.000	
	mg/L	Bicarbonate (as HCO3)	00440	58	
*	mg/L +	Sulfate (SO4)	00945	38	0.5
*	mg/L +	Chloride	00940	120	
2	mg/L	Fluoride (F) (Natural - Source)	00951	<0.1	0.1
Total Anions	me/L	Value: 5.2			
	Units +	pH, Laboratory	00403	7.5	
**	umho/cm +	Specific Conductance (E.C.)	00095	590	
***	mg/L +	Total Filterable Residue @ 180 C	70300	350	
15	ACU	Color, Apparent (Unfiltered)	00081	<3	
3	TON	Odor Threshold at 60 C	00086	4.0	1
5	NTU	Turbidity, Laboratory	82079	0.17	
0.5	mg/L +	MBAS	38260	<0.1	
1000	ug/L	Aluminum (Al)	01105	<50	50

* 250-500-600 ** 900*1600*2200 *** 500-1000*1500

\+ Indicates Secondary Drinking Water Standards

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
6	ug/L	Antimony	01097	<6	6
10	ug/L	Arsenic (As)	01002	<2	2
1000	ug/L	Barium (Ba)	01007	<100	100
4	ug/L	Beryllium	01012	<1	1
5	ug/L	Cadmium (Cd)	01027	<1.0	1.0
50	ug/L	Chromium (Total Cr)	01034	<10.0	10.0
1000	ug/L +	Copper (Cu)	01042	<50	50
300	ug/L +	Iron (Fe)	01045	<100	100
	ug/L	Lead (Pb)	01051	<5.0	5.0
50	ug/L +	Manganese (Mn)	01055	<20	20
2	ug/L	Mercury (Hg)	71900	<1	1
100	ug/L	Nickel	01067	<10.0	10.0
50	ug/L	Selenium (Se)	01147	<5.0	5.0
100	ug/L +	Silver (Ag)	01077	<10.0	10.0
2	ug/L	Thallium	01059	<1	1
5000	ug/L	Zinc (Zn)	01092	100	50
		ADDITIONAL ANALYSES			
	None	Langelier Index at 60 C	71813	-0.61	
	None	Aggressiveness Index	82383	11	
10	mg/L	Nitrate + Nitrite as Nitrogen (N)	A-029	<0.4	0.4
1	mg/L	Nitrite as Nitrogen (N)	00620	<0.4	0.4
	ug/L	Carbon Dioxide	77000	<2000	
10	mg/L	Nitrate as N	00618	<0.4	0.4
		ADDITIONAL ANALYSES			
6	ug/L	Perchlorate	A-031	<4	4

RADIOACTIVITY ANALYSIS (11/07)

Date of Report: 12/19/2016 | Sample ID No.: 201610130161 - 616543

Laboratory Name: Eurofins Eaton Analytical

Name of Sampler: Ramon Vargas | Employed by: City of Avenal

Date/Time Sample Collected: 10/12/2016 1215 | Date/Time Received @Lab: 10/13/2016 | Date Analyses Completed: 11/29/2016

System Name: AVENAL, CITY OF | System Number: 1610002

Variable ID: | COC ID: Treated

Name or Number of Sample Source: WTP 1 & 2 COMBINED EFFLUENT - TREATED

User ID: cya | **Station number: 1610002-002**

Date/Time of Sample: 16 10 12 1215 (YY MM DD TTTT) | **Laboratory Code:** |9|5|9|0|

Date Analyses completed: 16 11 29 (YY MM DD)

Submitted by: Ronald Brumley | Phone# 559-816-0653

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
		Title 22 California Code of Regulations, Section (64442(22 CCR 64442)			
15	pCi/L	Gross Alpha	01501	5.7	3.0
	pCi/L	Gross Alpha Counting Error	01502	0.79	
	pCi/L	Gross Alpha MDA95 *	A-072	1.9	
		Title 22 California Code of Regulations, Section (64443(22 CCR 64443)			
50	pCi/L	Gross Beta	03501	4.1	4.0
	pCi/L	Gross Beta Counting Error	03502	0.57	
	pCi/L	Gross Beta MDA95	A-077	1.6	

*MDA95 is Minimum Detectable Activity at the 95% confidence level, per 22 CCR 64442 and 64443

** Gross Beta, Calculated Total Body or Organ Dose Equivalent, Per 22 CCR 64443.

ORGANIC CHEMICAL ANALYSIS (11/07)

Date of Report: 12/19/2016 | Sample ID No.: 201610130161 - 616543

Laboratory Name: Eurofins Eaton Analytical

Name of Sampler: Ramon Vargas | Employed by: City of Avenal

Date/Time Sample Collected: 10/12/2016 1215 | Date/Time Received @Lab: 10/13/2016 | Date Analyses Completed: 11/29/2016

System Name: AVENAL, CITY OF | System Number: 1610002

Variable ID: | COC ID: Treated

Name or Number of Sample Source: WTP 1 & 2 COMBINED EFFLUENT - TREATED

User ID: cya | **Station number: 1610002-002**

Date/Time of Sample: 16 10 12 1215 (YY MM DD TTTT) | **Laboratory Code:** |9|5|9|0|

Date Analyses completed: 16 11 29 (YY MM DD)

Submitted by: Ronald Brumley | Phone# 559-816-0653

TEST METHOD	CHEMICAL ALL CHEMICALS EXCEPT 2,3,7,8 TCDD (DIOXIN) reported uG/L		ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
	REGULATED ORGANIC CHEMICALS					
E524.2	Total Trihalomethane(TTHMs)	ug/L	82080	40	80	
E524.2	Bromodichloromethane	ug/L	32101	4.7		1.0
E524.2	Bromoform	ug/L	32104	18		1.0
E524.2	Chloroform(Trichloromethane)	ug/L	32106	<1.0		1.0
E524.2	Dibromochloromethane	ug/L	32105	16		1.0
E524.2	Benzene	ug/L	34030	<0.5	1	0.5
E524.2	Carbon Tetrachloride	ug/L	32102	<0.5	0.5	0.5
E524.2	1,2-Dichlorobenzene (o-DCB)	ug/L	34536	<0.5	600	0.5
E524.2	1,4-Dichlorobenzene (p-DCB)	ug/L	34571	<0.5	5	0.5
E524.2	1,1-Dichloroethane (1,1-DCA)	ug/L	34496	<0.5	5	0.5
E524.2	1,2-Dichloroethane (1,2-DCA)	ug/L	34531	<0.5	0.5	0.5
E524.2	1,1-Dichloroethylene (1,1-DCE)	ug/L	34501	<0.5	6	0.5
E524.2	cis-1,2-Dichloroethylene (c-1,2-DCE)	ug/L	77093	<0.5	6	0.5
E524.2	trans-1,2-Dichloroethylene	ug/L	34546	<0.5	10	0.5
E524.2	Dichloromethane(Methylene Chloride)	ug/L	34423	<0.5	5	0.5
E524.2	1,2-Dichloropropane	ug/L	34541	<0.5	5	0.5
E524.2	cis-1,3-Dichloropropene	ug/L	34704	<0.5	0.5	0.5
E524.2	trans-1,3-Dichloropropene	ug/L	34699	<0.5	0.5	0.5
E524.2	Total 1,3-Dichloropropene	ug/L	34561	<0.5	0.5	0.5
E524.2	Ethyl Benzene	ug/L	34371	<0.5	300	0.5
E524.2	Methyl Tert-Butyl Ether (MTBE)	ug/L	46491	<3.0	13	3.0
E524.2	Monochlorobenzene (Chlorobenzene)	ug/L	34301	<0.5	70	0.5

TEST METHOD	CHEMICAL ALL CHEMICALS EXCEPT 2,3,7,8 TCDD (DIOXIN) reported uG/L		ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
E524.2	Styrene	ug/L	77128	<0.5	100	0.5
E524.2	1,1,2,2-Tetrachloroethane	ug/L	34516	<0.5	1	0.5
E524.2	Tetrachloroethylene (PCE)	ug/L	34475	<0.5	5	0.5
E524.2	Toluene	ug/L	34010	<0.5	150	0.5
E524.2	1,2,4-Trichlorobenzene	ug/L	34551	<0.5	5	0.5
E524.2	1,1,1-Trichloroethane(1,1,1-TCA)	ug/L	34506	<0.5	200	0.5
E524.2	1,1,2-Trichloroethane(1,1,2-TCA)	ug/L	34511	<0.5	5	0.5
E524.2	Trichloroethylene (TCE)	ug/L	39180	<0.5	5	0.5
E524.2	Trichlorofluoromethane (FREON 11)	ug/L	34488	<5	150	5
E524.2	Trichlorotrifluoroethane(Freon113)	ug/L	81611	<10.0	1200	10.0
E524.2	Vinyl Chloride (VC)	ug/L	39175	<0.5	0.5	0.5
E524.2	m,p-Xylene	ug/L	A-014	<0.5		0.5
E524.2	o-Xylene	ug/L	77135	<0.5		0.5
E524.2	Total Xylenes (m,p, & o)	ug/L	81551	<0.500	1750	
E525.2	Diethylhexylphthalate (DEHP)	ug/L	39100	<3.0	4	3.0
E525.2	Atrazine (Aatrex)	ug/L	39033	<0.5	1	0.5
E525.2	Molinate (Ordram)	ug/L	82199	<2	20	2
E525.2	Simazine (Princep)	ug/L	39055	<1	4	1
E525.2	Thiobencarb (Bolero)	ug/L	A-001	<1.0	70	1.0
E525.2	Alachlor (Alanex)	ug/L	77825	<1.0	2	1.0
E515.4	Bentazon (Basagran)	ug/L	38710	<2	18	2
E525.2	Benzo(a)pyrene	ug/L	34247	<0.1	0.2	0.1
E515.4	2,4-D	ug/L	39730	<10.0	70	10.0
E515.4	2,4,5-TP (Silvex)	ug/L	39045	<1	50	1
E515.4	Dalapon	ug/L	38432	<10.0	200	10.0
E515.4	Dinoseb (DNBP)	ug/L	81287	<2	7	2
E525.2	Di(2-ethylhexyl) Adipate	ug/L	A-026	<5.0	400	5.0
E548	Endothall	ug/L	38926	<45	100	45
E525.2	Hexachlorobenzene	ug/L	39700	<0.5	1	0.5
E525.2	Hexachlorocyclopentadiene	ug/L	34386	<1.0	50	1.0
E515.4	Pentachlorophenol (PCP)	ug/L	39032	<0.2	1	0.2
E515.4	Picloram	ug/L	39720	<1.0	500	1.0
	UNREGULATED ORGANIC CHEMICALS					
E524.2	Bromobenzene	ug/L	81555	<0.5		0.5
E524.2	tert-Amyl-Methyl Ether (TAME)	ug/L	A-034	<3.0		3.0
E524.2	Bromochloromethane	ug/L	A-012	<0.5		0.5
E524.2	Bromomethane (Methyl Bromide)	ug/L	34413	<0.5		0.5
E524.2	n-Butylbenzene	ug/L	A-010	<0.5		0.5
E524.2	tert-Butylbenzene	ug/L	77353	<0.5		0.5
E524.2	Chloroethane	ug/L	34311	<0.5		0.5
E524.2	Di-isopropyl Ether (DIPE)	ug/L	A-036	<3.0		3.0
E524.2	Chloromethane (Methyl Chloride)	ug/L	34418	<0.5		0.5
E524.2	2-Chlorotoluene	ug/L	A-008	<0.5		0.5
E524.2	4-Chlorotoluene	ug/L	A-009	<0.5		0.5

TEST METHOD	CHEMICAL ALL CHEMICALS EXCEPT 2,3,7,8 TCDD (DIOXIN) reported uG/L		ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
E524.2	Dibromomethane	ug/L	77596	<0.5		0.5
E524.2	m-Dichlorobenzene (1,3-DCB)	ug/L	34566	<0.5		0.5
E524.2	1,3-Dichloropropane	ug/L	77173	<0.5		0.5
E524.2	2,2-Dichloropropane	ug/L	77170	<0.5		0.5
E524.2	1,1-Dichloropropene	ug/L	77168	<0.5		0.5
E524.2	Dichlorodifluoromethane (Freon 12)	ug/L	34668	<0.5		0.5
E524.2	Ethyl-tert-Butyl Ether (ETBE)	ug/L	A-033	<3.0		3.0
E524.2	Hexachlorobutadiene	ug/L	34391	<0.5		0.5
E524.2	Isopropylbenzene (Cumene)	ug/L	77223	<0.5		0.5
E524.2	p-Isopropyltoluene	ug/L	A-011	<0.500		
E524.2	sec-Butylbenzene	ug/L	77350	<0.5		0.5
E524.2	Naphthalene	ug/L	34696	<0.5		0.5
E524.2	n-Propylbenzene	ug/L	77224	<0.5		0.5
E524.2	1,1,1,2-Tetrachloroethane	ug/L	77562	<0.5		0.5
E524.2	1,2,3-Trichlorobenzene	ug/L	77613	<0.5		0.5
E524.2	1,3,5-Trimethylbenzene	ug/L	77226	<0.5		0.5
E524.2	1,2,4-Trimethylbenzene	ug/L	77222	<0.5		0.5
E524.2	Methyl ethyl ketone (MEK, Butanone)	ug/L	81595	<5.0		5.0
E524.2	Methyl isobutyl ketone (MIBK)	ug/L	81596	<5.0		5.0
E524.2	Carbon Disulfide	ug/L	77041	<0.5		0.5