Salt River Pima-Maricopa Indian Community Public Water Systems **2024 WATER QUALITY REPORT**

WELCOME MESSAGE

The Salt River Pima-Maricopa Indian Community Public Works Department is pleased to provide you with the 2024 Consumer Confidence Report (CCR) for the Salt River Pima-Maricopa Indian Community's Seven (7) Public Water Systems. This CCR, also known as a Water Quality Report, summarizes the results of tests and measurements performed at the SRPMIC water production facilities and throughout the water distribution system for the 2024 calendar year. These tests and measurements ensure that we deliver the highest quality of water to you. In reading the report, you will discover that your tap water met or surpassed all federal drinking water health standards as set by the Environmental Protection Agency. The Public Works Department is committed to providing the highest quality drinking water and in ensuring that the Community has adequate water sources to meet its current and future needs. We encourage you to read the report to learn more about the water delivered to your home. We value your trust in our ability to provide high quality water service. Thank you for allowing us the opportunity to serve you.

ARE THERE CONTAMINANTS IN OUR DRINKING WATER?

To ensure the tap water is safe to drink, EPA prescribes regulations limiting the amount of certain contaminants in water provided by public water systems. U.S. Food and Drug Administration regulations establish limits for contaminants in bottled water. Drinking water, including bottled water, may reasonably be expected to contain at least some small amounts of contaminants. The presence of these contaminants does not necessarily indicate that the water poses health risks. 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, in some cases, radioactive material, and substances results 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 be from wastewater treatment plants, septic systems, agricultural livestock operations, or 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 byproducts of industrial processes, petroleum production, and can also come from gas stations, urban storm water runoff, septic systems.
- Radioactive contaminants that can be naturally occurring or can be the result of oil and gas production and mining activities. The presence of contaminants does not necessarily indicate that water poses a health risk.
- More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (800-426-4791).

DO I NEED TO TAKE SPECIAL PRECAUTIONS?

Although our drinking water met or exceeded federal regulations, some people may be more vulnerable to disease causing microorganisms or pathogens 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 from their health care provider about their drinking water. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium, Giardia and other microbial pathogens are available from the Safe Drinking Water Hotline (800-426-4791).

IS OUR WATER SYSTEM MEETING OTHER RULES THAT GOVERN OPERATIONS?

During this reporting year, our systems were in compliance with applicable Federal drinking water operating, monitoring and reporting requirements.

WATER QUALITY TABLE AND DATE

As the Federal regulations require, we routinely test your drinking water for numerous contaminants. These contaminants include total coliform, inorganic compounds, nitrate, nitrite, lead and copper, volatile organic compounds, total trihalomethanes (TTHMs), haloacetic acids (HAA5), radiological, and synthetic organic compounds. The tables presented here depict which compounds were detected in your drinking water. The EPA allows us to test some contaminants less frequently because the concentrations of these contaminants do not change. Some of our data, though representative, are more than one year old.

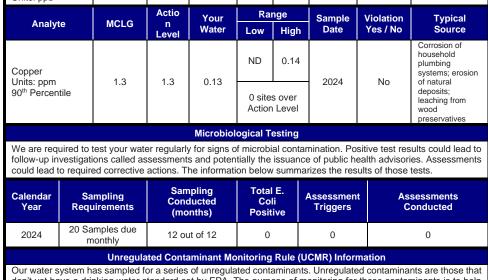
Public	Water Syste	m #09040	0109-Salt R	iver Pub	olic Work	ks – 2024 W	ater Quality	Data	Pub	lic Water Sy	stem #090	0400694-Sa	lt River I	Landfill -	- 2024 Wate	er Quality Da	ta
Your water comes f							ater sources	are supplied from	Your water comes f	rom two (2) g	ground wat	er sources.					
Public Water Syster	m No. 090400	0703 throu	gh a conseo	cutive co	nnection.						MRDL	IRDL Your Water	Range		Sample	e Violation	Typical
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Chlorine, Chlorine Residual	4	4	Water 0.9999	Low	High 1.51	Date 2024	Yes / No	Source Drinking water additive used for	Chlorine, Chlorine Residual Units: ppm	4	4	1.0183	0.76	1.29	2024	No	Drinking water additive used for disinfection
Units: ppm	4	4	0.9999	0.03	1.51	2024	INO	disinfection				Your	Range		Sample	Violation	Typical
Analyte	MCLG	MCL	Your	Ra	nge	Sample	Violation	Typical	Analyte	MCLG	MCL	Water	Low	High	Date	Yes / No	Source
Analyte	MOLO	mol	Water	Low	High	Date	Yes / No	Source	Total Trihalomethanes								By-product of
Total Trihalomethanes (TTHMs)	N/A	80	49.1	5.8	49.1	2024	No	By-product of drinking water	(TTHMs) Units: ppb	N/A	80	9.8	N/A	N/A	2024	No	drinking water chlorination
Units: ppb								chlorination Erosion of natural									Erosion of natural deposits; runoff
Arsenic Units: ppb	0	10	2.8	ND	3	2024	No	deposits; runoff from orchards; glass & electronics	Arsenic Units: ppb	0	10	5.9	5.5	6.1	2024	No	from orchards; glass & electronics production wastes
								production wastes									Runoff and leaching from
Chromium Units: ppb	100	100	24	7.5	24	2022	No	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits	Nitrate (reported as Nitrogen) Units: ppm	10	10	0.37	N/A	N/A	2024	No	fertilizer use; leaching from septic tanks, sewage; erosion of natural
								Erosion of natural deposits; water									deposits
Fluoride Units: ppm	4	4	1.63	0.84	1.63	2022	No	additive which promotes strong teeth; discharge	Sodium Units: ppm	N/A	N/A	130	N/A	N/A	2022	No	Erosion of natural deposits; salt water intrusion
								from fertilizer & aluminum factories Runoff and	Uranium (combined) Units: ppb	0	30	1.3	N/A	N/A	2023	No	Erosion of natural deposits
Nitrate								leaching from fertilizer use;			Actio	Your	Range		Sample	Violation	Typical
(reported as Nitrogen)	10	10	4.83	1.03	4.83	2024	No	leaching from septic tanks,	Analyte	MCLG	n Level	n Water	Low	High	Date	Yes / No	Source
Units: ppm								sewage; erosion of natural deposits					.016	0.15			Corrosion of household plumbing
Sodium	N/A	N/A	160	140	160	2022	No	Erosion of natural deposits; salt	Copper Units: ppm	1.3	1.3	0.145			2024	No	systems; erosion of natural
Units: ppm Uranium								water intrusion	90 th Percentile					s over n Level			deposits; leaching from wood
(combined)	0	30	3.7	N/A	N/A	2020	No	Erosion of natural deposits				Microbiol		esting			preservatives
Units: ppb		Actio	[Dee		[We are required to	test vour wat	er regulari				mination Po	sitive test res	ults could lead to
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WHAT DOES THIS INFORMATION MEAN?

As you can see from the table, our system had no violations in this year's reporting. We have learned through our testing that some contaminants have been detected; however, these contaminants were detected below the level allowed by the EPA.

WHERE TO LEARN ABOUT THE QUALITY OF OUR WATER

Please feel free to Public Works Department at 480-362-5600, Monday - Friday 8AM - 5PM, for a translated copy of the report if you need it in another language, for more information or to request a printed copy of this report. You may also call the EPA's Safe Drinking Water Hotline for information about the Safe Drinking Water Act or EPA's other drinking water programs at 800-426-4791.



don't yet have a drinking water standard set by EPA. The purpose of monitoring for these contaminants is to help EPA decide whether the contaminants should have a standard. As our customers, you have a right to know that these data are available

Service Line Inventory for Systems with Unknowns

Salt River Public Works was required to complete an inventory of service line materials to determine whether any service lines connected to the distribution system are made of lead material. We identified 317 service lines out of 2145 at Salt River Public Works are made of unknown material. The service line inventory is available upon request lease contact us for more information.

follow-up investigations called assessments and potentially the issuance of public health advisories. Assessments could lead to required corrective actions. The information below summarizes the results of those tests.

Calendar Year	Sampling Requirements	Sampling Conducted (months)	Total E. Coli Positive	Assessment Triggers	Assessments Conducted				
2024	1 Sample due monthly	12 out of 12	0	0	0				
	Service Line Inventory for Systems with All Non-Lead								

Salt River Landfill was required to complete an inventory of service line materials to determine whether any service lines connected to the distribution system are made of lead material. We determined that all service lines at Salt River Landfill are made of non-lead materials. The service line inventory is available upon request, please contact us for more information

DRINKING WATER AND LEAD

Lead in drinking water is primarily from materials and components associated with service lines and home plumbing We are responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components in your home. It is possible that lead levels at your home in the community may be higher than at others because of plumbing materials used in your property. If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Infants and young children are typically more vulnerable to lead in drinking water than the general population. You can minimize the potential for lead exposure, when your water has been sitting for several hours, by flushing your tap for 30 seconds to 2 minutes (or until the water temperature has changed) before using water for drinking or cooking. If you are concerned about lead levels in your water, you may wish to have your water tested. Additional information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the USEPA's Safe Drinking Water Hotline 800-426-4791, or at https://www.epa.gov/safewater/lead.

DRINKING WATER AND ARSENIC

While your drinking water meets the EPA standard for arsenic, it does contain low levels of arsenic. The EPA standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. The EPA continues to research the health effects of low levels of arsenic which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

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Number Numer Numer Numer <td>Trihalomethanes (TTHMs)</td> <td>N/A</td> <td>80</td> <td>50.4</td> <td>N/A</td> <td>N/A</td> <td>2024</td> <td>No</td> <td>By-product of drinking water chlorination</td>	Trihalomethanes (TTHMs)	N/A	80	50.4	N/A	N/A	2024	No	By-product of drinking water chlorination
NAME NA Report and interaction of national deposition depositindepositindeposition deposition deposition depositindeposition d	Nitrate (reported as Nitrogen)	10	10	1.85	N/A	N/A	2024	No	leaching from fertilizer use; leaching from septic tanks, sewage; erosion of natural
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Analyt	e	MRDLG	MRDL	Your Water	Ra	nge	Sample Date	Violation	Typical Source
Chlorine, Chlorine Re Units: ppm	esidual	4	4	0.9342	Low 0.79	High 1.06	2024	Yes / No No	Drinking water additive used for disinfection
Analyt	e	MCLG	MCL	Your Water	Ra Low	nge High	Sample Date	Violation Yes / No	Typical Source
Total Trihalometh (TTHMs) Units: ppb	anes	N/A	80	3.3	N/A	N/A	2024	No	By-product of drinking water chlorination
Arsenic Units: ppb		0	0 10		6	6.8	2024	No	Erosion of natura deposits; runoff from orchards; glass & electronics production wastes
Barium Units: ppm		2	2	0.018	N/A	N/A	2021	No	Discharge of oil drilling wastes and from metal refineries; erosion of natural deposits
Fluoride Units: ppm		4	4	0.36	N/A	N/A	2021	No	Erosion of natura deposits; water additive which promotes strong teeth; discharge from fertilizer & aluminum factories
Sodium Units: ppm		N/A	N/A	150	N/A	N/A	2024	No	Erosion of natura deposits; salt water intrusion
Uranium (combined) Units: ppb		0	30	1.3	N/A	N/A	2022	No	Erosion of natura deposits
Analyt	e	MCLG	Actio n Level	Your Water	Ra Low	nge High	Sample Date	Violation Yes / No	Typical Source
Copper Units: ppm 90 th Percent	tile	1.3	1.3	0.0846		0.09 s over Level	2023	No	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood
follow-up investigati could lead to require		est your wate							loo Accorrent
could lead to Calendar	vestigati o require Sa	ons called as ed corrective mpling	sessment actions. T Sam Cond	s and poten he informati ppling ducted	tially the on below Total Co	issuance summa E. li	e of public he rizes the res Assessmen	ealth advisori ults of those t As	tests. sessments
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Could lead to Calendar Year 2024 Salt River L Us for more Salt River L Us for more Per Your water of Analyt	vestigati o require Sa Requ 1 Sa m 1 Sa m ehi was cted to t ehi are r informat ublic Wa comes fi	ons called as ad corrective mpling irements mple due onthly Sei required to 4 he distributio nade of unkn tion.	sessment: actions. The Sam Cond (mo 12 ou vice Line complete a n system own mate #0904007	s and poten he informati appling Jucted nths) ut of 12 Inventory an inventory an inventory	tially the on below Total Co Posit 0 for Syste of servi- f lead ma vice line vice line	E. ive ems with ce line m aterial. V inventor	e of public ho rizes the res Assessmen Triggers 0 n Unknowns haterials to d Ve identified y is available	t As C s letermine wh 34 service li e upon reque:	tests. sessments onducted 0 ether any service nes out of 191 a st, please contac
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Copper Units: ppm	1.3	1.3	0.34	.022	0.4	2022	No	household plumbing systems; erosion of natural	
90 th Percentile	1.5	1.5	5	0 sites over Action Level		2022	No	deposits; leaching from wood preservatives	
Lead				ND	5.1	0000		Corrosion of household plumbing systems;	
Units: ppb 90 th Percentile	0				s over n Level	2022	No	discharges from industrial manufacturers; erosion of natural deposits	
Microbiological Testing									
We are required to test your water regularly for signs of microbial contamination. Positive test results could lead to									

follow-up investigations called assessments and potentially the issuance of public health advisories. Assessments could lead to required corrective actions. The information below summarizes the results of those tests.

Calendar Year	Sampling Requirements	Sampling Conducted (months)	Total E. Coli Positive	Assessment Triggers	Assessments Conducted	
2024	30 Samples due monthly	12 out of 12	0	0	0	

Service Line Inventory for Systems with All Non-Lead

Casino Arizona Talking Stick (CATS) was required to complete an inventory of service line materials to determine whether any service lines connected to the distribution system are made of lead material. We determined that all service lines at Casino Arizona Talking Stick (CATS) are made of non-lead materials. The service line inventory is available upon request, please contact us for more information.

(ppm): Parts per million: Corresponds to one part of liquid in one million parts of liquid. (TT): <u>Treatment Technique:</u> A required process intended to reduce the level of contaminant in drinking water.

(ppb): Parts per billion: Corresponds to one part of liquid in one billion parts of liquid. <u>Positive Samples:</u> The number of positive samples taken that year.

Units: ppb	50	50	3	ND	3	2023	No	mines and chemical manufacturers; livestock lot runoff			
Sodium Units: ppm	N/A	N/A	210	51	210	2024	No	Erosion of natural deposits; salt water intrusion			
Radium (comb.) Units: ppb	0	5	0.9	ND	0.9	2024	No	Erosion of natural deposits			
	Turbidity is a measure of the cloudiness of water and it is an indication of the effectiveness of City of Mesa's filtration system. They monitor it because it is a good indicator of the quality of water. High turbidity can interfere with the effectiveness of disinfectants.										
Turbidity Units: NTU	N/A	1 NTU	0.3	0.04	0.3	2024	No	Soil runoff			
Turbidity Units: % meeting standard	N/A	95% of sample s must be <0.3 NTU	100%	100 %	100 %	2024	No	Soil runoff			

ND

3

2023

No

KEY WATER QUALITY TERMS

Selenium

The following are definitions of key terms referring to standards and goals of water quality noted on the data table.

(MCL): Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

50

50

3

(MCLG): Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

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

% positive samples/month: % of samples taken monthly that were positive.

(NA): Not Applicable: Does not apply to. (AL): Action Level: The concentration of a contaminant which, if exceeded, trigger treatment or other requirements which a water system must follow. 90th Percentile: Statistical value used to determine if Action Level is exceeded. Determined by calculating the value at which 90% of the samples tested were below that value.

deposits Petroleum, glass, metal refineries; erosion of natural deposits;

discharge from

(MRDLG): Maximum Residual Disinfectant Level Goal: 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 contamination.

(ND): Not-Detects: Laboratory analysis indicates that the constituent is not present.