



City Of Merced Consumer Confidence Report Reporting Year 2023

Daim ntawv Annual Consumer Confidence Report no, npaj nrog California State Water Resources Control Board—Division of Drinking Water, muaj ntawb ntawv tseem ceeb qhia txog lub nroog Merced cov dej, dej zoo npaum li cas, thiab dej mus los li cas. Kev ntsuas dej rau Merced xyoos 2023 Water Monitoring Program qhia hauv no. Muaj ntawb ntawv tseem ceeb hauv daim ntawv no txog tej teeb meem ntawm dej ntawm U.S. Environmental Protection Agency (US EPA) thiab ntawm koj lub nroog City of Merced Water Division

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

Daim ntawv tshaj, tawm no muaj lus tseemceeb txog koj cov dej haus. Tshab txhais nws, los yog tham nrog tej tug neeg uas totaub txog nws.

TXHUAS HAUVE TSEV KAV DEJ

Yog muaj txhuas ntau, cov txhuas yuav muaj feem ua mob hnyav heev, haj yam ua mob rau cov poj niam cev xeeb me nyuam thiab rau cov me nyuam yaus. Txhuas hauv dej los ntawm cov khoom siv ntawm los ua thiab koj cov kav dej. Peb txoj hauj lwm yog ua cov dej haus zoo heev, tab sis tswj tsis tau tag nrho cov khoom siv los kho thiab ua cov kav dej. Thaum koj cov dej tsis tau siv ntaw teev, koj cia cov dej qhob li 30 second los sis 2 feed ua ntej koj haus los sis siv los ua zaub mov. Yog koj txhawj txog txhuas thiab xav ntsuas koj cov dej, huv rau peb ntawm (209) 385-6800. Yog xav paub ntxiv txog txhuas nyob hauv dej haus, kev ntsuas dej, thiab kev npaj kom txhob raug mob ntawm txhuas, hu rau Safe Drinking Water Hotline ntawm **(800) 426-4791** los sis mus saib <http://www.epa.gov/lead>.



LUB NROOG CITY OF MERCED COV DEJ LOS QHOV TWG?

Lub nroog City of Merced cov dej los ntawm 21 lub qhov dej hauv lub nroog. Cov qhov dej no nqus dej ntawm Merced Groundwater Subbasin. Txhua qhov dej nqus tau 1,500 gallon txhua feeb. Thaj chaw no dav tshaj 500 mile, thiab muaj tshaj 25,000 kev txuas, muaj npaum 3,000 kav dej tua hluav taws thiab npaum li 25,000 koob ntsuas dej, 7,000 kav kaw dej thiab tshaj 2,769 tus kav dej. Ntawm xyoos 2023, cov qhov dej nqus 6.1 billion gallon dej rau cov pej xeem, cov chaw ua hauj lwm, thiab cov lag luam.

COV KAV DEJ THIAB TXOJ KEV SIV

Cov kav dej no yuav tsum muaj ntawm txhua qhov chaw lag luam, tsev kawm ntawv thiab chaw zov neeg kom muaj **kev tiv thaiv ntawm dej qia ntws rov qab** rau cov dej haus. Lub koom haum Public Works Water Department mam hu cov neeg yuav kev pab yog tias yuav tsum muaj tus kav dej thiab mam teen hauj lwm los txuas thiab sim txhua tus kav dej. Cov tswj tsev yuav tsum lav txuas tus kav dej, muab sim (ntawm tsoom fwv lub nroog City of Merced ib zaug txhua kaum ob lub hlis los sis ntaw tshaj yog tsim nyog), thiab yuav tsum muab tu kom ua hauj lwm zoo. Feem ntawm cov khoom siv thiab kev kho nyob ntawm City of Merced Water Department. Yog muaj lus nug txog cov kav dej no, thov hu rau City of Merced, Water Division Supervisor ntawm (209) 385-6800



KEV NTUAS DEJ

Kev ntsuas dej haus rau lub nroog City of Merced ua tiav thaum lub peb hlis xyoos 2003. Qhov chaw dej los ntxim raug teeb meem ntawm tej yam li: qhov chaw sam roj (cov tam sim no thiab cov qub), cov khw ziab khaub ncaws, cov dej paim ntawm cov chaw ntim dej, dej qias, kav roj petroleum, chiv, tshuaj tua kab tua nroj, dej ntws ntawm cov teb, tshuaj siv ua teb, dej ntws ntawm chav dej, cov qhov dej ua teb, cov qhov dej yws teb. Daim ntawv qhia txog kev ntsuas muaj nyob ntawm City of Merced, Public Works Department ntawm kev 1776 Grogan Avenue, Merced CA. Koj muaj cai txais ib daim thaum koj hu (209) 385-6800

Ntsuas Txhuas (Lead) ntawm cov chaw zov me nyuam yaus (CCC's) - AB 2370

Xyoo 2021 lub Department of Social Services (CDSS), koom tes nrog California State Water Resources Control Board (SWRCB) tswj kom txhua lub CCC tsim tsua ua ntej lub lb Hlis tim 1, 2020, los ntsuas lawv cov dej haus saib seb puas muaj hmoov txhuas (lead) ntawm lub lb Hlis Hnub tim 1 2020 txog lub lb Hlis Hnub tim 1 2023 thiab txhua 5 xyoos tom qab ntawd. Qhov Action Level rau pawg no yog 5ppb, los sis 5 micrograms lead txhua 1 liter dej. Action Level txhais tias, thaum dhuu txoj kab no, yuav tsum muaj dab tsu pab. Lub nroog City of Merced sim 22 lub CCC, tag nrho yog 108 qhov. Muaj 10 qhov uas dhuu qhov Action Level. Cov kav dej no muab tshem tawn tam sim ntawd thiab muab hloov lub tshib thiab muab sim dua. Tag nrho cov kav dej tshib tsis muaj hmoov txhuas. Yuav tsum yog qhov chaw zov me nyuam yaus ntawd uas lav paub thiab qhia pej xeem txog kev ntsuas dej hmoov txhuas. Yog koj muaj lus nug txog txoj cai AB2370, thov hu koj lub chaw zov me nyuam yaus los sis mus saib qhov CDSS website ntawm www.cdss.ca.gov. Thov paub tias, txoj cai no tsis tswj rau cov Family Child Care Homes.



FLUORIDE HAUVE KOJ COV DEJ

Cov dej peb siv, peb tso fluoride rau kom tiv thaiv cov pej xeem kaus hniav kom txhob lwm. Txoj cai ntawm xeev tswj kom cov fluoride tso rau dej muaj 0.7ppm. Ntawm kev ntsuas dej xyoos 2023, peb pom cov fluoride tso hauv dej yog 0.54 ppm—1.02 ppm thiab ntawm nruab nrab yog 0.68ppm. Ntaub ntawv qhia txog fluoridation thiab kev noj qab haus huv ntawm lub qhov ncauj, muaj nyob ntawm

Lub nroog City of Merced txaus siab tshaj tawm tias koj cov dej dhau tag nrho txoj kev ntsuas dej ntawm US EPA thiab ntawm xeev txoj cai noj qab haus huv. Lub nroog City of Merced Water Department ua hauj lwm txhua sij lawm kom cov dej haus rau cov pej xeem yog cov zoo tshaj. Ua raws li tsoom fwv thiab xeev tswj, peb cov neeg ua hauj lwm tsim txawj ntsuas dej txhua lub sij hawm. Xyoos 2023, peb ntsuas tau tshaj 300 yam tsis zoo nyob hauv cov dej thiab ntsuas tau peb cov dej 4,000 zaus (kev ntsuas muaj nyob ntawm daim ntawv no). Yog koj muaj lus nug txog koj cov dej haus los sis txog daim ntawv no, thov hu rau lub Water Division ntawm (209) 385-6800

TSHUAJ TU DEJ

Siv tshuaj tu dej yog ib yam kev pab kom tua tej yam kab mob nyob hauv cov dej haus. Muaj ntau txoj kev los tso tshuaj tu dej haus. Tshuaj tu dej muaj cov roj, kua tshuaj tu dej thiab cov hmoov tshuaj tu dej. Yog muaj cov tshuaj tu dej ntau ntaw ces tej zaus yuav ua mob. Thaum muab tov dej, cov tshuaj xyaws ua ke thiab tsis nyob ib qhov chaw, thaum ntawd cov dej zoo haus thiab tej kab mob tuag lawm. Cov tshuaj tua dej txog 4 milligaram txhua liter (mg/L) los sis 4 feem txhua million (ppm) pom zoo haus. Muaj ntau ntawv qhia ntxiv ntawm Center for Disease Control and Prevention website @ www.cdc.gov.

EYEONWATER.COM YOG PUB DAWB!

Kev to taub txog kev siv dej yog ib yam tseem ceeb ntawm kev txuag dej. EyeOnWater yog ib yam kev pab rau lub nroog City of Merced cov pej xeem siv tau los saib seb lawv siv dej npaum li cas ntawm lawv lub computer los sis ntawm lub xov tooj. EyeOnWater ntsuas tau dej paim (thiab xa tau ceeb toom txog dej paim), qhia pej xeem txog siv dej npaum li cas, thiab qhia xov txog kev siv dej ntawm lwm tus. Cov pej xeem muaj feem txais kev pab thaum mus saib www.eyeonwater.com/signup.

koj xav tau ib daim ntawv tshaj tawm no mus saib peb qhov website: cityofmerced.org/PublicWorks/Water/ConsumerConfidenceReport

los sis hu (209) 385-6800 thiab peb mam xa ib daim rau koj.

COV KHOOM UAS TEJ ZAUM NYOB HAUVE KOJ COV DEJ

Cov chaw dej haus (kav dej thiab hwj dej) muaj hav dej, pas dej, kwj deg, pas dej toov tseg, thiab qhov dej. Thaum dej ntws los ntawm qhov tsuas thiab hauv av, nws ua rau tej pob zeb yaj. Tej thaum, muaj tej khoom radioactive tso tseg ntawm tib neeg los sis tej tsiaj. Kom paub meej tias cov dej zoo haus, lub U.S. Environmental Protection Agency (U.S. EPA) thiab lub State Water Resource Control Board (State Boards/SWRCB) muaj txoj cai tswj kom ncua cov khoom nyob hauv cov dej pej xeem siv. Lub State Board txoj cai ncua cov khoom nyob hauv cov hwj dej thiab yuav tsum tiv thaiv cov pej xeem. Dej haus thiab cov hwj dej, tej zaum yuav muaj khoom nyob hauv. Cov khoom ntawd tsis txhais tau hais tias yuav ua mob rau tib neeg. Lus qhia ntxiv txog tej khoom hauv dej thiab tej yam ua mob muaj ntxiv yog koj hu rau U.S. EPA's Safe Drinking Water Hotline ntawm **(800) 426-4791**.

LUS TSEEM CEEB TXOG KEV NOJ QAB HAUS HUV

Tej tus neeg tej zaus yuav ntxim mob tshaj feem coob thaum haus dej uas muaj khoom nyob hauv. Cov neeg uas twb muaj mob ua ntej xws li cov neeg mob cancer txais kev pab chemotherapy, cov neeg raug phais hloov siab hloov ntsws, cov neeg mob HIV/AIDs los sis lwm yam kab mob, tej tus neeg laus thiab tej tus mos ab, tej zaus muaj kev pheej hmoo kis mob. Cov neeg no yuav tsum nug laww tus kws kho mob seb lawv haus cov dej no puas tau. Lub USEPA/Center for Disease Control and Prevention (CDC) cov lus cob qhia txog kev zam ntawm kev kis mob ntawm kab mob Cyptosporidium thiab lwm yam kab mob muaj ntawm Safe Drinking Water Hotline (tus xov tooj saud no)

TSHAJ TAWM NTAWM KEV NTSUAS DEJ Cov ntawm hauv qab no qhia txog tej Yam Khoom nyob hauv cov dej uas peb ntsuas raws li txoj cai tswj ntawm lub xeev. Tej Yam Khoom tshwm sim tsis txhais tau hais tias coj dej haus yuav ua mob rau tib neeg. Yog tsis sau tseg, cov zaav hauv daim ntaww tshaj tawm no qhia txog kev ntsuas dej thaum lub lb Hlis Hnub Tim 1 Xyoos 2023 txog lub Kaum Ob Hlis Hnub Tim 1 Xyoos 2023. Lub Xeev tso cai rau peb ntsuas cov koom nyob hauv dej **tsawg npaum li** ib zaus txhua xyos vim feem ntau cov koom hauv dej tsis tshuan hloov. Thaum muaj li no, kev ntsuas tsis ntev tas los muab suav ua ke nrrog lub xyos tshaj tawm ntsuas dej. Yog muaj lus nug txog kev ntsuas npaum li cas, thov hu (209) 385-6800 los sis mus saib www.epa.gov.

KEV TSWJ HWM RAU COV KHOOM XYAW NROG DEJ HAUS: Kev tswj hwm thiab kev tu dej haus kom tiv thaiv pej xeem. Kev ncua rau cov koom xyaw nrog dej haus. Kev tswj hwm ntsuas dej haus muab teen rau xyoos 2025.

KHOOM DAB TSI (LUU LI CAS)	XYOOS NTSUAS	MCL [MRDL]	PHG (MCLG) [MRDLG]	NRUAB NRAB NTSUAS TAU	TXAWV DEB QIS-SIAB	TXHAUM	LOS QHOV TWG TUAJ
Arsenic ¹ (ug/L)	2023	10	0.004	3.48	ND - 7.7	Tsis Tau	Ntws ntawm tej av tej pob zeb, ntws ntawm qoob loos thiab koom pov tseg siv hluav taws xob.
Barium (ppm)	2023	1	2	0.23	0.13 - 0.47	Tsis Tau	Paim ntawm cov qhov laum roj thiab chaw khawb hlau, ntws ntawm cov qhov hauv av
Chlorine (mg/L)	2023	[4.0 (as Cl2)]	[4.0 (as Cl2)]	0.67	0.23 - 0.97	Tsis Tau	Tso tshuj tu dej haus.
Chromium [Total] (ug/L)	2023	50	(100)	0.23	ND - 4.8	Tsis Tau	Paim ntawm chaw txiav hlau thiab chaw txiav ntoo thiab luam hlau; ntws ntawm cov qhov hauv av.
Fluoride (mg/L)	2023	2	1	0.11	ND - 0.17	Tsis Tau	Ntws ntawm cov qhov hauv av; tso rau dej haus kom txhob lwj, paim ntawm cov chaw ua chiv thiab ua txhuas.
Gross Alpha Particle Activity (pCi/L)	2017/2022	15	(0)	2.6	ND - 9.2	Tsis Tau	Ntws ntawm cov qhov hauv av.
Gross Beta Particle Activity ² (pCi/L)	2017/2022	50	(0)	6.1	ND - 11	Tsis Tau	Ntws ntawm tej yam lwj thiab cov qhov tib neeg khawb.
Radium 226 (Ra 226) (pCi/L)	2022	5	0.05	0.01	ND - .11	Tsis Tau	Ntws ntawm cov qhov hauv av.
Nitrate ³ (as N) (mg/L)	2023	10	10	2.5	1.3 - 5.8	Tsis Tau	Ntws ntawm cov chaw siv chiv; paim ntawm chaw ntim dej qias, ntws ntawm cov qhov hauv av.
Tetrachloroethylene [PCE] ⁴ (ug/L)	2023	5	0.06	0.17	ND - 2.2	Tsis Tau	Paim ntawm cov hauj lwm tsim ub tsim no, cov hauj lwm ntxhua khaub ncaws qhuav, thiab cov lag luam kho tsheb (ntxuav roj hlau).
Total Trihalomethanes [TTHM] (ug/L)	2023	80	N/A	0	ND	Tsis Tau	Koom pov tseg ntawm kev tua kab mob ntawm dej haus.
Uranium (pCi/L)	2022	20	0.43	2.07	ND - 8.7	Tsis Tau	Ntws ntawm cov qhov hauv av.

TUS QAUV KEV TSWJ HWM RAU TEJ KHOOM NYOB HAUVE DEJ HAUS: Tsis muaj PHGs, MCLGs, los sis kev tswj hwm rau cov lus qhia txog tej koom nyob hauv cov dej haus vim cov MCLs muab tso li pom zoo.

KHOOM DAB TSI (LUU LI CAS)	XYOOS NTSUAS	MCL [MRDL]	PHG (MCLG) [MRDLG]	NRUAB NRAB NTSUAS TAU	TXAWV DEB QIS-SIAB	TXHAUM	LOS QHOV TWG TUAJ
Chloride (mg/L)	2023	500	NS	8.70	4.0 - 15	Tsis Tau	Ntws/paim ntawm cov qhov hauv av, ntawm dej hiav txww
Color (Units)	2023	15	NS	6.5	5 - 10	Tsis Tau	Los ntawm tej yam ntuj tsim
Copper (ug/L)	2023	1.0	NS	0.30	ND -- 0.64	Tsis Tau	Ntws ntawm kav dej xeb, ntawm cov qhov hauv av.
Corrosivity ⁵ (Units)	2023	Non-corrosive	NS	12.1	12 - 13	Tsis Tau	Los ntawm ntuj tsim los sis cov lag luam tsji coj hydrogen, carbon thiab oxygen hauv cov dej; ua rau ntawm kev kub thiab no thiab lwm yam
Odor—Threshold	2023	3 Units	NS	0.5	ND - 1.0	Tsis Tau	Los ntawm tej yam ntuj tsim
pH, Laboratory	2023	6.5 - 8.5	NS	8.0	7.8 - 8.2	Tsis Tau	Thaum cov pH qis: iab iab thiab qab li hlau, xeb xeb. Thaum cov pH siab: nplua nplua, qaub qaub; ua hmoov
Sulfate (mg/L)	2023	500	NS	9.1	5.5 - 12	Tsis Tau	Ntws/paim ntawm tej yam ntuj tsim; koom pov tseg ntawm cov chaw tsim ub tsim no
Specific Conductance ($\mu\text{S}/\text{cm}$)	2023	1600	NS	354	170 - 640	Tsis Tau	Tej yam tshwm sim thaum tso hauv dej; ua rau thaum muaj dej hiav txww
Total Dissolved Solids (mg/L)	2023	1000	NS	251	170 - 400	Tsis Tau	Ntws/paim ntawm cov qhov hauv av
Turbidity (NTU)	2023	5 Units	NS	0.22	ND - 1.3	Tsis Tau	Ntws ntawm kua av

Ntsuas dej ntawm tus kais seb puas muaj txhuas/tooj ntawm cov tsev nyob ua raws li txoj cai ntawm lub nroog. Kev ntsuas dej txhuas & tooj teem rau caij ntuj sov xyoos 2024

KHOOM DAB TSI (LUU LI CAS)	XYOOS NTSUAS	AL	PHG (MCLG)	NRUAB NRAB NTSUAS TAU	COV CHAW SIAB TSHAJ AL/ 90TH %TILE	TXHUA CHAW	TXHAUM	LOS QHOV TWG TUAJ
Copper (mg/L)	2021	1.3	0.3	0.16	0/31	Tsis Tau	Los ntawm cov kav dej xeb; ntawm cov qhov hauv av; paim ntawm tshuj tso ntoo kom txhob lwj	
Lead (ug/L)	2021	15	0.2	ND	0/31	Tsis Tau	Los ntawm cov tsev kav dej xeb; paim ntawm cov lag luam tsim ub tsim no; ntws ntawm cov qhov hauv av	

LWM YAM KHOOM TSIS NYOB NTAWM KEV TSWJ HWM⁶ - No MCL, PHG or MCLG

KHOOM DAB TSI (LUU LI CAS)	XYOOS NTSUAS	NRUAB NRAB NTSUAS	TXAWV DEB NTSUAS TAU	PHG (MCLG)	NRUAB NRAB NTSUAS TAU	COV CHAW SIAB TSHAJ AL/ 90TH %TILE	TXHUA CHAW	TXHAUM	LOS QHOV TWG TUAJ
Alkalinity—Total as CaCO ₃ (mg/L)	2023	142	66 - 290						
Bromide (ppb)	2018	70	24 - 170						
Calcium (mg/L)	2023	28.6	15 - 60						
Hardness (Total) as CaCO ₃ (mg/L)	2023	115.5	59 - 260						
Hexavalent Chromium (ppb)	2022	3.3	0.49 - 4.7						
Magnesium (mg/L)	2023	10.7	5.1 - 27						
*Perfluorooctanesulfonic Acid (PFOS) (ng/L)	2023	0.0002	ND - 0.0048						
*PFHxA (ng/L)	2023	0.0001	ND—0.0031						
*PFHxS (ng/L)	2023	0.0007	ND—0.0077						
Potassium (mg/L)	2023	6.8	3.6-12						
Sodium (mg/L)	2023	23.9	15 - 37						
Toluidine (ppb)	2018	0.0019	ND - .034						

Kev Ntsuas thiab Luj li cas:

Pab koj to taub txog kev ntsuas dej. Muab kev ntsuas luj rau cov duab no (ex: ppm, ppb, mg/L) thov saib daim duab Equivalence hauv no. Yog koj muaj lus nug, hu rau lub Water Department ntawm (209) 385-6800. Cov duab no txais ntawm lub State Water Board – Division of Drinking Water.

Kev Luj		Equivalence
mg/L - milligrams per liter	= ppm - parts per million	= 1 second ntawm 11.5 hnub
ug/L - micrograms per liter	= ppb - parts per billion	= 1 second ntawm 32 xyoos
ng/L - nanograms per liter	= ppt - parts per trillion	= 1 second ntawm 32,000 ntawm

Cov koom tej zaum nyob hauv qhov chaw dej los, muaj xws li:

Kab Mob, xws li cov kab mob ua tib neeg raug khaub thusa los ntawm cov chaw tu dej qias, kav dej ntawm cov tsev nyob thiab cov chaw ua tib yug tsiaj.

Koom tsis lwj, xws li ntsev thiab hlau, los ntawm ntuj tsim los sis ntawm tej koog tsev thaum los nag, ntawm tej chaw tsim ub tsim no los sis cov dej qias pov tseg, roj thiab kev ua roj, khawb av, los sis ua tib.

Tshuj tua kab thiab tshuj tua nroj, tej zaus los ntawm ntau qhov chaw xws li cov chaw ua tib, ntws ntawm koog tsev thaum los nag, thiab ntawm cov tsev nyob.

Tshuj paub lwj, yam tshuj tib neeg tsim thiab cov tshuj hlau ua roj; koom pov tseg ntawm cov chaw tsim ub tsim no thiab ua roj, muaj feem los ntawm cov chaw sam roj, ntws ntawm koog tsev thaum los nag, tej koom ua tib, thiab cov kav dej ntawm tsev nyob.

Koom radioactive muaj feem los ntawm tej yam ntuj tsim los sis ntawm roj thiab qhov chaw ua roj thiab cov hauj lwm khawb av.

LUS QHIA YOG DAB TSI

AL (Action Level - Regulatory) Qhia txog tej koom kis rau dej npaum li cas, thaum kis ntau dhau, yuav tsum tu los sis koo kom zoo dua qub raws li txoj cai.

MCL (Maximum Contaminant Level) Theem siab tshaj tso cai ntawm tej yam kis rau dej haus. Primary MCLs muab tso ze cov PHGs (los sis cov MCLGs) raws li them tau thiab ua tau. Secondary MCLs (SMCLs) muab tso kom txhob tsw phem, txhob qias ncauji, thiab kom cov dej ntixim zoo saib.

MCLG (Maximum Contaminant Level Goal) Theem qis uas tsis muaj tej yam koom kis rau dej haus los sis tsis ua mob rau tib neeg. Cov MCLGs tswj ntawm U.S. EPA.

MRDL (Maximum Residual Disinfectant Level) Theem siab tshaj tso cai ntawm tej tshuj tua kab mob tso hauv dej haus. Muaj pov thawj qhia tias yuav tsum tso tshuj tua kab mob rau dej haus.

MRDLG (Maximum Residual Disinfectant Level Goal) Theem tso tshuj tua kab mob rau dej uas yuav tsis ua mob rau tib neeg.