



City Of Merced Consumer Confidence Report 2024

Daim ntawv Annual Consumer Confidence Report no, npaj nrog California State Water Resources Control Board—Division of Drinking Water, muaj ntaub 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 xyos 2024 Water Monitoring Program qhia hauv no. Muaj ntaub 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 o hable con alguien que lo entienda bien.

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

TXHUAS HAUV 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 kho 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 ntau teev, koj cia cov dej qhib li 30 second los sis 2 feeb ua ntej koj haus los sis siv los ua zaub mov. Yog koj txhawj txog txhuas thiab xav ntsuas koj cov dej, huv rau pab ntawm (209) 385-6800. Yog xav paub ntiv 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 Subbassin. 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 2,915 tus kav dej. Ntawm xyos 2024, cov qhov dej nqus 6.3 billion gallon dej rau cov pej xeeb, cov chaw ua hauj lwm, thiab cov lag luam.

KEV NTSUAS DEJ

Kev ntsuas dej haus rau lub nroog City of Merced ua tiav thaum lub peb hlis xyos 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.



TXHEEJ TXHEEM TSWJ KEV TXUAS DEJ SIB TSHUAM

Lub hom phiaj ntawm txheej txheem cross-connection control program yog ua kom cov khoom qhais nyob hauv dej siv rau zej zos tsawg li tsawg tau ntawm txoj kev nrhiav cov dej sib txuas thiab ua hauj lwm los pab tiv thaiv ntawm tej teeb meem. Peb txuas cov cuab yeej pab thaiv cov dej kom tsis txhob dws rov qab yog tias peb nrhiav tau tej qhov chaw raug teeb meem thiab muab txuas raws li txoj cai tswj ntawm kev txuas dej. Tus neeg ua hauj lwm rau lub nroog Cross-Connection tshuaj xyuas cov hauj lwm ntawm cov cuab yeej thaiv dej. Lub nroog saib xyuas thiab ntsuas cov cuab yeej thaiv dej kom ua hauj lwm zoo txhua xyos. Xyos 2024, peb ntsuas tau 2,899 lub cuab yeej thaiv dej hauv lub nroog City of Merced.

Lub nroog City of Merced txaus siab tshaj tawm tias koj cov dej dhau tag nrho txoj kev ntsuas dej ntawm United States Environmental Protection Agency (USEPA). Cov neeg ua hauj lwm rau nroog ua hauj lwm hnyav kom cov dej huv thiab haus tau thiab ua raws txoj cai. Lub nroog City of Merced Water Department ua hauj lwm txhua sij lawm kom cov dej haus rau cov pej xeeb yog cov zoo tshaj. Ua raws li tsoom fww thiab xeeb tswj, peb cov neeg ua hauj lwm tsim txawj ntsuas dej txhua lub sij hawm. Xyos 2024, peb ntsuas tau tshaj 250 yam tsis zoo nyob hauv cov dej thiab ntsuas tau peb cov dej 5,000 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

TXHEEJ TXHEEM SAIB XYUAS TXHUAS TXUAS DEJ Txheej txheem txuas dej yog ib txoj hauj lwm ntawm txoj cai Lead and Copper Rule Revisions (LCRR), uas tswj kev siv dej thiab cov khoom siv los txuas thiab kho dej. Cov khoom no yuav tsum muab saub npe tseg hu ua txhuas, hu ua tej yam uas tsis yog txhuas, yam hlau galvanized, los sis tej yam tsis paub puas muaj txhuas. Cov koom haum saib xyuas dej siv yuav tsum xa lawv cov ntawv qhia txog cov khoom txuas dej mus rau lub xeeb ua ntej lub Kaum Hlis Hnub Tim 16, 2024. Lub nroog City of Merced ua raws txoj cai thiab qhia zej zos txog cov hauj lwm no. Koj mus saib tau daim Non Lead Statement hauv peb qhov website: www.cityofmerced.org/departments/public-works/water/Leadserviceline. Yog xav paub ntiv, koj mus saib www.epa.gov/ground-water-and-drinking-water.

EYEONWATER.COM YOG PUB DAWB!

EyeOnWater yog ib yam kev pab **pub dawb** rau lub nroog City of Merced cov pej xeeb 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 xeeb txog siv dej npaum li cas, thiab qhia xov txog kev siv dej ntawm lwm tus. Cov pej xeeb muaj feem txais kev pab thaum mus saib www.eyeonwater.com/signup.

Yog 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.

FLUORIDE HAUV KOJ COV DEJ

Cov dej peb siv, peb tso fluoride rau kom tiv thaiv cov pej xeeb kaus hniav kom txhob lwj. Txoj cai ntawm xeeb tswj kom cov fluoride tso rau dej muaj 0.7ppm. Ntawm kev ntsuas dej xyos 2024, peb pom cov fluoride tso hauv dej yog 0.11 ppm—0.92 ppm thiab ntawm nruab nrab yog 0.69ppm. Ntaub ntawv qhia txog fluoridation thiab kev noj qab haus huv ntawm lub qhov ncauj, muaj nyob ntawm www.waterboards.ca.gov/drinking_water/certic/drinkingwater/Fluoridation.html.

KEV TXUAG DEJ PAB TAU ZOO!

Koj puas paub tias feem coob ntawm cov tsev siv npaum li 400 gallon ib hnub los sis 100 gallon rau tib tus neeg? Hmoov zoo tias, muaj ntau yam txoj kev uas tsis raug them nqi, txuag nyiaj, thiab tsis qig dej. Muaj tswv yim li no:

- Siv tus kaig txuag dej. Nws tsis kim, txuas tau yooj yim thiab txuag tau 750 gallon txhua lub hlis. Tsis tas li ntawd...
- Da Dej Sij Hawm Luv— da dej 5 feeb siv npaum li 4-5 gallon dej piv nrog da dej hauv lub dab da dej siv npaum li 50 gallon.
- Siv qws tshuab cheb qhov chaw nres tsheb, tsis txhob siv dej tsuag.
- Rau nej cov dej ywg nyom, muab sij hawm teem tso dej hloov kom txuag dej thiab saib seb puas muaj teeb meem yav tom qab hluav taws xob tu-ag.
- Kaws dej thaum yus txhuam hniav, ntxuav plaub hau, thiab chais plaub thiab txuag npaum li 500 gallon dej txhua hlis.
- Siv lub tshuab ntshua khaub ncaws thiab ntxuav tais diav thaum puv thiab txuag npaum li 1,000 gallon txhua lub hlis.
- Ywg dej rau nyom thaum lub sij hawm tsis kub kom cov dej tsis qhuav sai sai.
- Kho cov chav dej thiab kais dej kom txhob nkim dej— nws tsis kim thiab tsis siv sij hawm ntev los kho.

COV KHOOM UAS TEJ ZAUM NYOB HAUV 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 xeeb siv. Lub State Board txoj cai ncua cov khoom nyob hauv cov hwj dej thiab yuav tsum tiv thaiv cov pej xeeb. 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 ntiv txog tej khoom hauv dej thiab tej yam ua mob muaj ntiv 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 phreej hmoov kis mob. Cov neeg no yuav tsum nug lawv 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 Cyp-tosporidium thiab lwm yam kab mob muaj ntawm Safe Drinking Water Hotline (tus xov tooj saud no) (800) 426-4791

TSHAJ TAWM NTAWM KEV NTSUAS DEJ Cov ntawv 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 zauv hauv daim ntawv tshaj tawm no qhia txog kev ntsuas dej thaum lub Ib Hlis Hnub Tim 1 Xyoos 2024 txog lub Kaum Ob Hlis Hnub Tim 31 Xyoos 2024. Lub Xeev tso cai rau peb ntsuas cov khoom nyob hauv dej ***tsawg npaum li*** ib zaus txhua xyoos vim feem ntau cov khoom hauv dej tsis tshuam hloov. Thaum muaj li no, kev ntsuas tsis ntev tas los muab suav ua ke nrog lub xyoos 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 KIS RAU DEJ HAUS: Kev tswj hwm thiab kev tu dej haus kom tiv thaiv pej xeeem. Kev ncuu rau cov khoom kis rau dej haus.							
KHOOM DAB TSI (LUJ LI CAS)	XYOO NTSUAS	MCL [MRDL]	PHG (MCLG) [MRDLG]	FEEM NTAUS NTSUAS TAU	TXAWV DEB LIS CAS QIS-SIAB	TXHAUM	NIAJ ZAUS LOS NTAWM QHOV TWG TUAJ
Arsenic ¹ (ug/L)	2022	10	0.004	3.39	ND - 7.7	Tsis Tau	Ntws ntawm tej av tej pob zeb, ntws ntawm qoob loos thiab khoom pov tseg siv hluav taws xob
Barium (mg/L)	2022	1	2	0.23	0.12 - 0.47	Tsis Tau	Paim ntawm cov qhov laum roj thiab chaw khawb hlau, ntws ntawm cov qhov hauv av
Chlorine (mg/L)	2024	[4.0 (as Cl2)]	[4.0 (as Cl2)]	0.67	0.31 - 1.23	Tsis Tau	Tso tshuaj tu dej haus
Chromium [Total] (ug/L)	2022	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)	2024	2	1	0.12	ND - 0.22	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)	2022	15	(0)	2.17	ND - 9.3	Tsis Tau	Ntws ntawm cov qhov hauv av.
Gross Beta Particle Activity (pCi/L)	2022	50	(0)	5.64	ND - 11	Tsis Tau	Ntws ntawm tej khoom lwj thiab cov qhov tib neeg khawb.
Radium 228 (Ra 228) (pCi/L)	2022	5	0.019	0.1	ND - 2.1	Tsis Tau	Ntws ntawm cov qhov hauv av.
Nitrate ² (as N) (mg/L)	2024	10	10	2.83	1.3 - 5.0	Tsis Tau	Ntws ntawm cov chaw siv chiv; paim ntawm chaw ntim dej qias, ntws ntawm cov qhov hauv av.
Tetrachloroethylene [PCE] ¹ (ug/L)	2024	5	0.06	0.16	ND - 1.6	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).
Hexavalent Chromium (ug/L)	2024	10	0.02	3.53	0.8 - 4.7	Tsis Tau	Lub erosion ntawm tej deposits thiab cov transformation ntawm lawm tshwm sim trival chromium rau hauv hexaval chromium tshwm sim vim ob yam bheej txheem thiab tib neeg kev ua ub no. Cov kev ua ub no muaj xws li discharges los ntawm electroplating factories, tawv tanneries, ntoo preservation industries, tshuaj synthesis, refractory ntau lawm, thiab raws li fertilizer thiab aluminum manufacturing.
Uranium (pCi/L)	2022	20	0.43	2.00	ND - 8.7	Tsis Tau	Ntws ntawm cov qhov hauv av.

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

KHOOM DAB TSI (LUJ LI CAS)	XYOO NTSUAS	MCL [MRDL]	PHG (MCLG) [MRDLG]	FEEM NTAUS NTSUAS TAU	TXAWV DEB LIS CAS QIS-SIAB	TXHAUM	NIAJ ZAUS LOS NTAWM QHOV TWG TUAJ
Chloride (mg/L)	2022	500	NS	8.73	4.0 - 15	Tsis Tau	Ntws/paim ntawm cov qhov hauv av, ntawm dej hiav txwv
Color (Units)	2022	15	NS	6.7	ND - 10	Tsis Tau	Los ntawm tej yam ntuj tsim
Copper (ug/L)	2022	1.0	NS	0.30	ND - 0.64	Tsis Tau	Ntws ntawm kav dej xeb, ntawm cov qhov hauv av.
Foaming Agents (MBAS) (ug/L)	2022	500	NS	3	ND - 58	Tsis Tau	Municipal thiab industrial khib nyiab discharges
Corrosivity (Units)	2022	Non-corrosive	NS	12	10 - 13	Tsis Tau	Los ntawm ntuj tsim los sis cov lag luam tswj coj hydrogen, carbon thiab oxygen hauv cov dej; ua rau ntawm kev kub thiab no thiab lwm yam
Odor—Threshold	2022	3 Units	NS	0.05	ND - 1.0	Tsis Tau	Los ntawm tej yam ntuj tsim
pH, Laboratory	2022	6.5 - 8.5	NS	8.0	7.5 - 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)	2022	500	NS	9.1	5.5 - 12	Tsis Tau	Ntws/paim ntawm tej yam ntuj tsim; khoom pov tseg ntawm cov chaw tsim ub tsim no
Specific Conductance (µS/cm)	2022	1600	NS	350	170 - 640	Tsis Tau	Tej yam tshwm sim thaum nyob hauv dej; ua rau thaum muaj dej hiav txwv
Total Dissolved Solids (mg/L)	2022	1000	NS	255	170 - 400	Tsis Tau	Ntws/paim ntawm cov qhov hauv av
Turbidity (NTU)	2022	5 Units	NS	0.23	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 2027

KHOOM DAB TSI (LUJ LI CAS)	XYOO NTSUAS	AL	PHG (MCLG)	FEEM NTAUS NTSUAS TAU 90TH %TILE	COV CHAW SIAB TSHAJ AL/TXHUA CHAW	TXHAUM	NIAJ ZAUS LOS NTAWM QHOV TWG TUAJ
Copper (mg/L)	2024	1.3	0.3	0.17	0/30	Tsis Tau	Los ntawm cov kav dej xeb; ntawm cov qhov hauv av; paim ntawm tshuaj tso ntoo kom txhob
Lead (ug/L)	2024	15	0.2	ND	0/30	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 HWM ⁶ -No MCL, PHG or MCLG			
KHOOM DAB TSI (LUJ LI CAS)	XYOO NTSUAS	FEEM NTAUS NTSUAS TAU	TXAWV DEB LIS CAS QIS-SIAB
Alkalinity, Bicarbonate (mg/L)	2022	143	66 - 290
Calcium (mg/L)	2022	28.5	15 - 60
Hardness (Total) as CaCO ₃ (mg/L)	2022	115.5	59 - 260
Magnesium (mg/L)	2022	10.7	4.3 - 27
Sodium (mg/L)	2022	23.9	15 - 37
PFOS Perfluorooctanesulfonic Acid ⁴ (ng/L)	2024	0.62	ND - 3.8
PFOA Perfluorooctanoic Acid ⁴ (ng/L)	2024	0.42	ND - 2.6
PFBS Perfluorobutanesulfonic Acid ⁴ (ng/L)	2024	0.10	ND - 2.2
PFHxA Perfluorohexanoic Acid ⁴ (ng/L)	2024	0.79	ND - 9.7
PFHxS Perfluorohexanesulfonic Acid ⁴ (ng/L)	2024	1.56	ND - 9.0
PFBA Perfluorobutanoic Acid ⁴ (ng/L)	2024	0.28	ND - 4.0
PFHpA Perfluoroheptanoic Acid ⁴ (ng/L)	2024	0.23	ND - 4.8
PFPeA Perfluoropentanoic Acid ⁴ (ng/L)	2024	0.78	ND - 14

- Cov Arsenic nyob ntawm Well Site 2 ntawm 3 lub qhov dej nyob ntawm MCL 10ppb. Tag nrho lwm qho dej nyob ntawm theem hauv qab MCL. Txawm yog koj cov dej nyob ntawm theem ua raws txoj cai Federal thiab State, nws yeem muaj cov arsenic me me. Tus qauv qhia txog arsenic qhia tej mob raug ntawm arsenic thiab tus nqi los ntawm muab arsenic nrho tawm ntawm dej haus. U.S. EPA tseem tshawb xyuas tej yam mob los ntawm dej haus uas muaj arsenic me me, uas yog ib hom hlau los ntawm hauv av uas muaj feem ua rau tib neeg raug mob cancer yog tias muaj ntau ntau nyob hauv tib neeg lub cev thiab muaj feem ua mob rau nqaij tawv thiab ua mob rau yus cov ntshav khiav tsis zoo.
- Cov dej haus uas muaj nitrate siab tshaj 10 mg/L muaj feem ua mob rau cov me nyuam yaus muaj noob nyoog tsawg tshaj 6 hlis. Yog tias cov dej haus muaj nitrate ntau ntau, cov me nyuam yaus muaj feem kis mob rau lawv cov ntshav, kis mob hnyav hnyav, ua pa nyuaj thiab nqaij tawv xiav. Dej haus uas muaj nitrate siab tshaj 10 mg/L muaj feem ua mob rau tus tib neeg kom lawv cov pa tsis ua hauj lwm zoo nrog lawv cov ntshav, xws li cov poj niam xeeb me nyuam thiab cov neeg uas roj ntsha tsis zoo. Yog tias koj tu tus me nyuam mos ab, los sis cev xeeb me nyuam, peb pom zoo koj nrog koj tus kws khob mob tham. **Thov paub, tag nrho kev ntsuas dej los ntawm 21 lub qhov dej**.
- Txawm yog koj cov dej haus ntsuas tau raws txoj cai ntawm Federal thiab State, cov dej haus tej zaus muaj tej yam khoom kis rau me me uas ntsuas tsis tau thiab tsawg tshaj txheej txheem Regulatory Action Level. Txoj cai PCE thiab TCE tswj kom neeg to taub txog kev kis mob thiab thiab tus nqi nrho tej khoom no tawm ntawm cov dej haus. U.S. EPA tseem tshawb xyuas kev mob los ntawm PCE thaib TCE me me. Tsis muaj TCE ntsuas ntawm DLR rau xyoos 2024.
- Tej qhov chaw uas tsis muaj kev tshaj tawm ntsuas dej (UCMR) pab U.S. EPA thiab lub State Water Board kom ntsuas tej khoom kis rau dej tshwm qhov twg thiab yog tias cov khoom kis ntawd yuav tsum muab tswj. UCMR5 ntxiv ob yam ntsuas rau PFOS/PFOA thiab Lithium. Lub nroog city of Merced ntsuas thaum zaus lub Xya Hlis 2023, ntsuas zaus ob thaum lub Ib Hlis 2024. Cov khoom ntsuas los ntawm xyoos 2024 tso hauv daim CCR no (2023 muab tshaj tawm xyoos tas los daim CCR). Tsis tas li ntawd, muaj txheeb yam PFAS, tej qho uas twb muab saib xyuas thiab kawm tas ua ntej. Kev tshawb xyuas pom tau tias yog neeg kis tau PFAS, nws yuav tej zaum muaj mob. Kev tshawb xyuas tseem niaj hnub ua los kawm cov PFAS muaj feem ua mob li cas rau tib neeg.

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 los ntawm lub State Water Board – Division of Drinking Water.

Kev Luj		Sib Npaug
mg/L - milligrams per liter	= ppm - parts per million	= 1 second in 11.5 days
ug/L - micrograms per liter	= ppb - parts per billion	= 1 second in nearly 32 years
ng/L - nanograms per liter	= ppt - parts per trillion	= 1 second in nearly 32,000 years

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

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

Khoom 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 teb.

Tshuaj tua kab thiab tshuaj tua nroj, tej zaus los ntawm ntau qhov chaw xws li cov chaw ua teb, ntws ntawm koog tsev thaum los nag, thiab ntawm cov tsev nyob.

Tshuaj paub lwj, yam tshuaj tib neeg tsim thiab cov tshuaj hlawv 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 khoom ua teb, thiab cov kav dej ntawm tsev nyob.

Khoom 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 khoom kis rau dej npaum li cas, thaum kis ntau dhau, yuav tsum tu los sis kho 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 taus thiab ua tau. Secondary MCLs (SMCLs) muab tso kom txhob tsw phem, txhob qias ncaui, thiab kom cov dej ntXim zoo saib.

MCLG (Maximum Contaminant Level Goal) Theem qis uas tsis muaj tej yam khoom 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 tshuaj tua kab mob tso hauv dej haus. Muaj pov thawj qhia tias yuav tsum tso tshuaj tua kab mob rau dej haus.

MRDLG (Maximum Residual Disinfectant Level Goal) Theem tso tshuaj tua kab mob rau dej uas yuav tsis ua mob rau tib neeg. MRDLGs tsis qhia txog tej yam zoo ntawm kev siv tshuaj tua kab mob.

ND (Not detected) Tsis muaj cov khoom ntawd thaum ntsuas tiav.

NL (Notification Level) Theem qhia txog cov khoom nyob hauv dej haus uas tsis muaj ceeb toom qhia txog theem siab tshaj yog npaum li cas.

NS No Standard Tsis tus qauv qhia txog yuav tsum ua raws li.

NTU (Nephelometric Turbidity Units) Ntsuas seb puas huv, puas tsaus, ntawm cov dej. Yog tias cov dej tsaus tsaus, tib neeg lub qhov muag pom tau 5 NTU.

pCi/L (picocuries per liter) Ntsuas radioactivity.

PHG (Public Health Goal) Theem qhia txog tej yam kis rau dej uas tsis paub puas ua mob rau tib neeg. PHG yog tswj ntawm California Environmental Protection Agency.

PDWS (Primary Drinking Water Standard) MCLs thiab MRDLs rau tej yam nyob hauv dej ua mob rau tib neeg thiab kev ntsuas dej thiab kev tshaj tawm, thiab kev tu dej haus.

TT (Treatment Technique) Txoj kev ncuu kom kab mob nyob hauv dej haus qis qis.

mg/L; ug/L; ng/L; ppm; ppb; ppt: qhia saum daim duab no