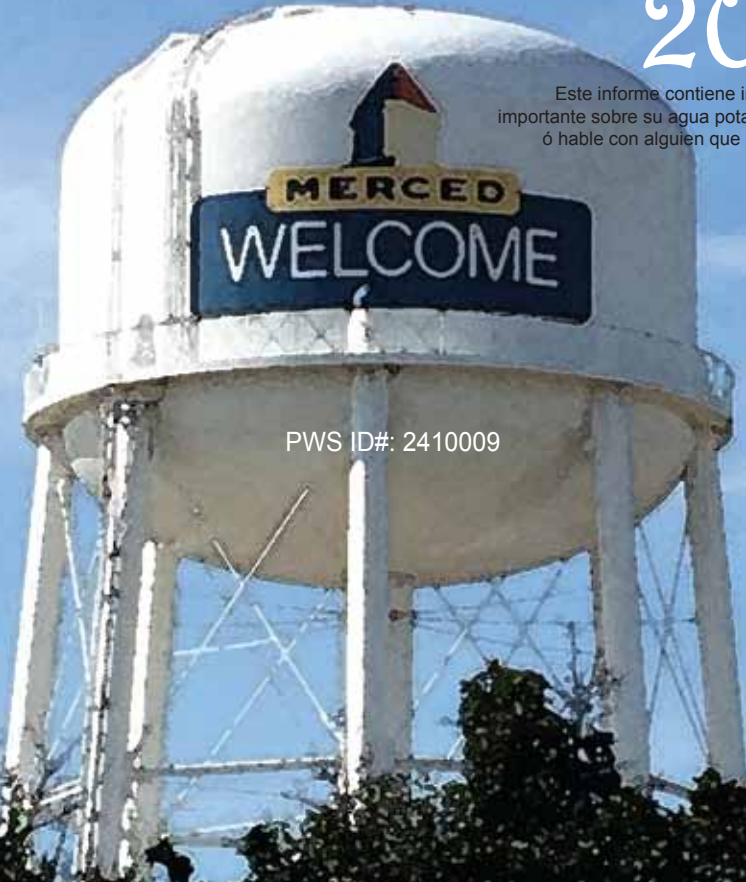


DAIM NTAWV FI XOV TXOG COV DEJ HUV ZOO TXOJ KEV KUAJ DEJ HAUS XYOO 2016

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



PWS ID#: 2410009

Peb zoo siab muab Daim Ntawv Fi Xov Txog Cov Dej Huv Zoo Xyoo 2016 rau koj paub! Raws li ib txwm, peb tau tswj peb tus kheej kom ua tau tej dej uas yuav huv raws li tsoom fwv State thiab Federal txoj cai. Raws li tej yam tshiab ntawm kev nhriav dej haus, peb nyob rau kev nrhiav ntau yam tiv thaiv, txuag dej, qhia rau zej zog sij hawm peb tseem muaj kev pab rau peb cov neeg siv dej ntxiv mus. Thov tawm tswv yim rau peb seb nej xav li cas losyog txhawj li cas txog daim ntawv fi xov no. Txawm li cas los xij, qhia cov neeg siv dej kom paub tab txog tej yam no mas thiaj taus sib pab ua hauj lwm ua ke.

XOV TSEEM CEEB HAIS TXOG COV NEEG MUAJ MOB

Tej zaum mas muaj ib txhia neeg yuav raug tus kab mob dej muaj tog paug tau yooj yim dua luag lwm cov neeg feem coob. Zoo xws li cov muaj mob khees xaws (cancer) es tseem tab tom noj tshuaj kho kab mob, cov neeg hloov plawv-hloov raum, cov neeg muaj kab mob HIV/AIDS losyog lwm cov neeg uas muaj cov kab mob hauv cov roj ntsha tiv thaiv kab mob, ib txhia neeg laus thiab me nyuam yaus mas yog cov yuav raug tau tus kab mob no ntau tshaj. Hom neeg no yuav tau sab laj rau lawv cov kws kho mob saib yog lawv haus cov dej muaj tog paug puas ua kom lawv mob. U.S. EPA losyog CDC (Lub Chaw Kuaj thiab Tiv Thaiv Kab Mob) muaj cov txheej txheem qhia caiv kom yus txhob lam mus nphav tus kab mob Cryptosporidium (yam kab mob raws plab) thiab lwm yam kab mob hauv dej tsawg li tsawg thov hu rau Safe Drinking Water Hotline ntawm tus xov tooj (800) 426-4791.

HLAU TXHUAS NYOB HAUV COV KAV DEJ HAUV TSEV

Yog muaj, cov hlau txhuas (lead) yuav ua rau muaj kev mob loj, kuj yog rau tej poj niam xeeb tub thiab tej nyuam mos. Tej hlau txhuas nyob rau dej haus yog los ntawm tej khoom thiab tej yam neeg siv ua vaj tse li yog tej kav dej loj xa dej tuaj thiab cov kav dej hauv tsev. Peb yuav tsum muaj tej dej haus ua huv tshaj, tab sis peb tswj tsis tau tej khoom sib txawv ua luag siv ua kav dej. Thaum koj tej dej nyob ntev li ob peb xuab moos, koj yuav tso cov dej khiav li 30 lij feeb txog rau 2 nas thiv ua ntej yuav ce cov dej los haus los sis ua zaub mov. Yog koj txhawj txog dej muaj hlau txhuas, koj yuav tsum koj cov dej mus kuaj. Xav paub ntxiv rau dej muaj hlau txhuas, kev ntsuam xyuas, thiab lwm yam koj xav kom koj tsis txhob ntsib hais txog kev haus dej hu Safe Drinking Water Hotline tus xov tooj lossis saib www.epa.gov/lead.

KUAJ XYUAS COV QHOV TSHIJ DEJ

Muaj kev tshuaj ntsuam xyuas cov qhov tshij dej haus hauv lub nroog Merced no tiav tag rau thaum lub Peb Hlis Xyoo 2003. Luag tau pom hais tias cov qhov tshij dej haus yuav muaj cov dej tsis huv ntwos los paug tau ntau tshaj rau ntawm cov chaw hauv qab no los: Cov chaw muag roj luv fai (tam sis no thiab yav dhau los), cov chaw ntiav ntxhua khaub ncaws (dry cleaners), cov hauv paus paub tias muaj tog paug, cov rhawv teem roj hauv qab thu av xau, cov raj hlau cais dej phem tawm, cov raj hlau cais chemical/roj, chiv, tshuaj tua kab/tua nroj, tso dej nyab liaj-nyab teb, tua tshuaj rau hauv liaj-teb, chaw yug tsiaj, cov qhov quav-qhov zis puab tau nyias nyias, thiab cov qhov tshij dej nqus los nyab teb ua noj ua haus. Ib daim qauv ntawv tshaj xo hais txog qhov tshuaj ntsuam xyuas cov dej haus no luag ua tau tiav tag luam tawm muaj nyob rau hauv Public Works Department, City of Merced, 1776 Grogan Avenue, Merced, CA 95340. Yog koj xav kom luag xa daim uas teev lub ntsiab lus ntawm daim ntawv ntsuam xyuas dej haus no rau koj los tau, thov hu rau lub Nroog Merced Public Works Customer Service ntawm tus xov tooj (209) 385-6800.

KEV TOV TSHUAJ XYAW DEJ KOM HNAIV KHOV (FLUORIDATION)

Peb tej dej haus muaj kev tov tshuaj xyaw dej kom hniav khov thiab kab txhob noj hniav. Kev cai lij choj ntawm Lub Lav tseev kom muaj tshuaj kom hniav khov tov xyaw cov dej haus qhov zoo tshaj yog 0.70 ppm. Peb txoj kev kuaj dej haus qhia tias muaj tshuaj kom hniav khov tov xyaw dej qhov tsawg nkaus yog 0.09 ppm mus rau qhov ntau tshaj yog 1.05 ppm 'es qhov nruab nrab yog .76 ppm. Xav paub ntxiv txog cov tshuaj kom hniav khov, kev noj qab haus huv ntawm lub qhov ncauj, thiab lwm yam mus xov xwm saib www.waterboards.ca.gov/drinking_water/programs/index.shtml.

PEJ XEEM NROG UA

Ib lub hlis twg cov Nom Tswj Lub Nroog (City Council) sib sau sab laj thawj hnuv Vas Cas thiab hnuv Vas Cas thib peb thaum 6:00 moos tsaus ntuj nyob rau hauv lub Civic Center, 678 West 18th Street, Merced. Lub roj sab laj no qhib rau sawv daws tuaj koom tau.

KEV TXUAG DEJ RAU TXOJ SIA

Ntuj tsis qhuav qhawv los xij, peb tseem yuav tsum xyaum kev txuag dej zoo thiab. Xws li cov neeg nyob California, peb yuav tsum nco ntsoov hais tias California lub keeb kwm ib txwm muaj kev qhuav qhawv, ib ntus dhau ib ntus, peb yuav rov pom kev qhuav qhawv tsis muaj dej txaus hauv California dua. Peb yuav tsum xyaum thiab koj kev txuag dej hauv peb txoj kev ua neej.

Tus txheej txheem txuag dej zoo kuj sib raug zoo. Txhob nkim dej, txuag dej thaum siv, txhob cia dej lam khiav thaum tsis siv. Ywg raws koj daim ntawv qhia sij hawm ywg dej. Nyob hauv Lub Nroog Merced, peb cia ywg dej ib lub lim piam ob zaug xwb. Nawjnpawb tsev txooj cia ywg dej hnuv Tuesday thiab hnuv Saturday. Nawjnpawb tsev tab cia ywg dej hnuv Wednesday thiab hnuv Sunday. Tsuas pub ywg dej thaum txog koj hnuv ua ntej 9:00 sawv ntxov losyog tom qab 9:00 tsaus ntuj. Yog koj pom dej ntws mus tim kev, koj twb ywg dej ntau dhau lawm. Zoo dua ywg dej tsawg, cia cov av nqus cov dej, ces ywg dej ntxiv; xyaum li no kom txhob nkim dej thiab cia koj lub vaj nqus cov dej ntau tshaj.

Tsis ywg lub vaj thaum los nag lawm, ua li ntawd thiaj tsis nkim dej. Hais txog qhov ntawd, txoj cai lij choj txwv tsis pub ywg dej thaum tseem log nag losyog 48 xuab moos tom qab uas ntuj los nag lawm. Kuaj koj cov tshuab ywg dej kom khiav thaum lub sij hawm yog lawm thiab kho tsuag tsuag yog xau dej qhov twg.

Peb Lub Nroog cov pej xeeb tau txuag dej ntau heev lawm thiab peb yaum kom koj pheej xyaum txuag dej ntxiv. Ntuj qhuav qhawv los xij, thov peb yuav tej txheej txheem txuag dej no mus. Thov peb tswj cov dej zoo ua neej nyob noj qab hauv huv thiab thoob tsib.

Xav paub ntxiv txog kev txuag dej, saib peb daim website ntawm www.cityofmerced.org/savewater losyog xav qhia txog kev nkim dej, hu xov tooj rau 388-SAVE.



Nco Ntsoov
kuaj seb puas
muaj Dej Xau
Qhov Twg
thiab Ntsiab
Ntsoov cov
Dej

KEE3 KWM TXOG MERCE3 COV DEJ HAUS

Tus Txhzej Txhzem Dej haav Merez3 no gog yawg C. H. Huffman thiab Charles Crocker ua ob tug xub tawm tswv gim los ua rau xyoo 1868, xyoo ntawd gog xyoo uas nkawd tsim Lub Tsev Muag Dej Merez3 (Merced Water Company). Merez3 lub tsev muag dej no tseem yog tus los mus pab khawb Lub Pas Dej Yosemite thiab. Xyoo 1899 yog thawj thawj zaug uas siv ib lub raj hlaw khoob 16-inch dav txuas dej ntws pem Lub Pas Dej Yosemite los rau haav lub Nroog Merez3. Xyoo 1917, cov dej uas sawv daws siv tau hloov los mus ua tus txhzej txhzem dej qhov tshij thiab yog ib qho chaw tshoom cov rhawv tseem dej siab thiab loj tshaj plaws haav California thaum lub sij hawm ntawd (ntim tau 300,000 nkas loos dej).

Xyoo 1973, lub Nroog Merez3 Water Division guav Lub Tsev Dej Merez3 ntawm cov tub lag luam los ua lawv tug thiab lis xyuas, kho kom khiav zoo txij thaum ntawd los. Tus txhzej txhzem dej tam sis no muaj 20 lub qhov tshij nyob thooob plaws haav lub nroog, xam tag nrho cov raj dej loj ntev 350 miles, thiab muaj 4 tug pej thuam tseem cov rhawv loj loj khaws dej eia. Muaj cov kws khiav hauj lwm saib xyuas cov qhov tshij kom dej npuj muaj zog txuas xa tau dej rau txhua lzej txhua tus siv. Muaj cov tshuab noj roj dicsel npaj rawv rau ntawd kom tau tso khiav yog tej thaum hluav taws xob lam tuag los lub tshuab ntawd khiav ua kom dej ntws tau tas mus li. Tus txhzej txhzem dej haus haav lub nroog Merez3 tau tso dej haus tawm rau sawv daws siv ib hnub ze li ntawm 16 lab nkas loos (million gallons) dej rau ib hnub nyob rau xyoo 2016 xa mus txog kwv gees li 20,963 qhov chaw uas muaj tsev nyob, tsev lag luam thiab cov qhov chaw tsim khoom siv. Lub Nroog Merez3 Water Division yog lub Public Works Department ua tus lis xyuas.

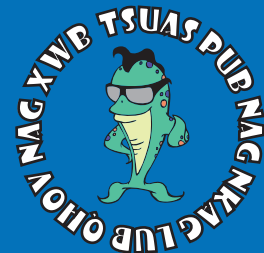
ROV LIM DUA THIAB ROV SIV DUA

Keu lim dej tsis huv yog txoj keu lim thiab tshem feem ntau ntawm tej yam tog paug (contaminants) uas muaj nyob hauv cov dej tsis huv losyog dej qias thiab tso tau cov dej hu ua dej kho lawm (treated water) losyog dej rov siv dua (recycled water). Cov dej rov siv dua no tso los tau rau haav lub ntiag teb tsis muaj teeb meem dab tsi li. Thaum xyoo 2016, lub Nroog Merced Qhov Chaw Lim Dej Kom Huv (Wastewater Treatment Facility losyog WWTF) tau tso 883 lab nkas loos dej kho lawm uas tau coj rov los siv dua ywg teb haav lub WWTF cheeb tsam (land application area) thiab tau muab 828 lab nkas loos dej siv dua tso rau cheeb tsam tiv thaiv tsiaj qus noog qus qhov chaw nyob (wetland habitat). Lub nroog Merced qhov chaw lim dej kuj koom tes pab txuag dej los ntawm keu muab cov dej tsis huv rov lim dua thiab rov siv dua. Nyob nram ntej no koj yuav pom cov rhawv loj haav lub Nroog Merced, ntim dej rov siv dua coj los ywg Lub Nroog cov av nyom losyog cov paj ntoo.



TIV THAIV KEV VUAB TSUAB

CEEV KOM TXHOB CIA KHIOM KHIIB NYIAB THIAB KUA ROJ NKAG MUS HAAV QHOV DEJ.



KOJ TAU MUAB YAM DAB TSI ROV SIV DUA HNUB NO?



www.cityofmerced.org

209.385.6800

TSIS TXHOB NCHUAV ROJ PAV YWJ, KUA ROJ KUB THIAB ROJ KHOV RAU HAAV QHOV DEJ...



NCHUAV HAAV KAS POOM, CIA NWS KHOV LAWM, NTIM HAAV HNAB, POV TSEG HAAV KHIIB NYIAB

QHIA TXOG YAM NRHIAV TAU LAW

Cov kem hauv qab no teev tag nrho cov dej haus muaj tog paug nrhiav tau raws li Lub Lav tus txheej txheem ntsuas dej haus. Qhov muaj cov tog paug hauv cov dej haus tsis tau txhais hais tias cov dej haus no yuav ua kom muaj mob. Tsuas ntshai hais tias ho tau teev ua lwm yam lawm xwb, cov leb pov thawj hauv cov kem hauv qab no yog tau raws li qhov kuaj tau cov dej haus tiav txij hnuv tim 1 lub lb Hlis txog hnuv tim 31 lub Kaum Ob Hlis xyoo 2016. Lub Lav txoj cai teev cia kom kuaj xyuas qee hom tog paug tsawg tshaj ib zaug txhua 3 mus txog 5 xyoo him ib xyoo twg cov tog paug no tsis hloov ntau pes tsawg. Kom paub tias qee cov leb pov thawj qhia qhov huv ntawm cov dej haus, qee zaum muaj hnuv nyooog ntev tshaj ib xyoo.

COV TOG PAUG UAS MUAJ CAI KHOO							
HOM TWG (TUS TXHEEJ TXHEEM NTSUAS)	KUAI XYOO TWG	MCL [MRDL]	PHG (MCLG) [MRDLG]	NRHIAV POM NPAUM TWG	QIS-SIAB	TXHAUM TXOJ CAI	LUB HAUV PAUS SIB KIS TAUS THA MAB DAS
Pej Chum aluminum (ppm)	2016	1	0.6	0.01	ND-0.22	TSIS YOG	Yog cov dej ntwms mus ntub tej nyuag hmoov zeb-hmoov hlau yaj ua dej; dej ntwms los ntawm kev lim thiab kho cov dej saum av (surface water treatment processes)
Arsenic ¹ (ppb)	2016	10	0.004	3.93	1.8-8.7	TSIS YOG	Yog cov dej ntwms mus ntub tej nyuag hmoov zeb-hmoov hlau yaj ua dej; dej ntwms los ntawm tej txiv hmab txiv ntoo; dej ntwms los ntawm cov khob nyab iav thiab tshuab ua hluav taws xob.
Barium (ppm)	2016	1	2	0.23	0.10-0.49	TSIS YOG	Yog cov dej ntwms los ntawm cov qhov av uas neeg tho roj tob tob; dej ntwms los ntawm qhov chaw ntxuas hlau; dej mus ntub tej nyuag hmoov zeb-hmoov hlau yaj ua dej.
Chlorine (ppm)	2016	[4.0 (as Cl2)]	[4 (as Cl2)]	0.63	0.06-0.97	TSIS YOG	Tov tshuaj tua kab mob kho cov dej haus.
Chromium (ppb)	2016	50	(100)	3.8	ND-4.8	TSIS YOG	Yog cov dej ntwms los ntawm cov chaw ua hlau (steel mills) thiab ua ntawv (pulp mills) thiab ua hlau ci (chrome plating); yog cov dej ntwms mus ntub tej nyuag hmoov zeb-hmoov hlau yaj ua dej
Fluoride (ppm)	2016	2	1	0.13	0.09-0.17	TSIS YOG	Cov dej mus ntub tej nyuag hmoov zeb-hmoov hlau; tshuaj tov xyaw dej kom hniav khov, dej ntwms ntawm qhov chaw ua chiv thiab ua ntawv pej chum.
Kev kuaj Gross Alpha Particle Activity (pCi/L)	2016	15	(0)	2.55	ND-12	TSIS YOG	Cov dej mus ntub tej nyuag hmoov zeb-hmoov hlau ua ntuj ua.
Gross Beta Particle Activity ² (pCi/L)	2016	50	(0)	6.15	ND-11	TSIS YOG	Kev lwj ntawm tej nyuag hmoov zeb-hmoov hlau ua ntuj thiab neeg ua
Hexavalent Chromium (ppb)	2016	10	0.02	3.58	1.6-4.7	TSIS YOG	Yog cov dej ntwms los ntawm cov chaw ua hlau ci, lom daim tawv, txhuaj txuag ntoo, tov khes miv kaum (chemical synthesis), refractory production, thiab chaw ntos ntau zas ntau (textile manufacturing); yog cov dej ntwms mus ntub tej nyuag hmoov zeb-hmoov hlau yaj ua dej
Hlau Txhuas (ppb)	2016	15	0.2	0.23	ND-1.2	TSIS YOG	Kev tog paug hauv cov kav dej hauv tsev; cov koom haum txuas khoom tso tog paug hauv cov dej, cov dej mus ntub tej nyuag hmoov zeb-hmoov hlau uas ntuj ua
Nitrate ³ [xws li N] (ppm)	2016	10	10	3.24	1.5-5.3	TSIS YOG	Dej kuav thiab xau los ntawm cov chiv ua siv, xau los ntawm cov thoob rau tshuaj thiab tej dej tsis huv; cov dej mus ntub tej nyuag hmoov zeb-hmoov hlau yaj ua dej.
TTHMs [Tag Nrho Trihalomethanes]–Theem 2 (ppb)	2016	80	NA	1.5	ND-2.3	TSIS YOG	Los ntawm kev tov tshuaj tua kab mob kho cov dej haus
Tetrachloroethylene ⁴ [PCE] (ppb)	2016	5	0.06	0.01	ND-0.83	TSIS YOG	Yog cov dej ntwms los ntawm cov chaw ua laj ua kam, chaw ntxhua khaub ncaws, thiab chaw kho tshab (tshuaj ntxuav hlau)
Trichloroethylene ⁴ [TCE] (ppb)	2016	5	1.7	0.02	ND-1.0	TSIS YOG	Yog cov dej ntwms los ntawm cov chaw siv tshuaj ntxuav hlau thiab lwm qhov chaw
Hlau Uranium (pCi/L)	2016	20	0.43	2.5	ND-8.7	TSIS YOG	Cov dej mus ntub tej nyuag hmoov zeb-hmoov hlau uas ntuj ua

YAM TOG PAUG THEEM OB							
HOM TWG (TUS TXHEEJ TXHEEM NTSUAS)	KUAI XYOO TWG	MCL [MRDL]	PHG [MRDLG]	NRHIAV POM NPAUM TWG	QIS-SIAB	TXHAUM TXOJ CAI	LUB HAUV PAUS SIB KIS TAUS THA MAB DAS
Chloride (ppm)	2016	500	NS	9.32	4.8-15	TSIS YOG	Dej kuav/lim ntawm tej nyuag hmoov zeb-hmoov hlau ua ntuj tsm los; dej ntwms ntawm cov dej hiav txwv
Tooj liab (ppm)	2016	1	NS	0.003	ND-0.015	TSIS YOG	Cov kav dej vaj tse khub thiab xeb hauv; cov dej mus ntub tej nyuag hmoov zeb-hmoov hlau yaj ua dej; lim ntawm cov tshuaj txuag ntoo
Kev Xeb corrosivity ⁵ (Pes Tsawg)	2016	Tsis Xeb	NS	12	12-13	TSIS YOG	Yog cov dej uas ntuj tsm losyog los ntawm tej tshav ua khoom siv ua sib tov nrog hydrogen, carbon, thiab oxygen; txawj hloov mus hloov los tim qhov kub txias thiab lwm yam
Hlau Manganese (ppb)	2016	50	NS	3.42	ND-65	TSIS YOG	Dej lim ntawm tej nyuag hmoov zeb-hmoov hlau ua ntuj tsm los
Sulfate (ppm)	2016	500	NS	10.45	6.8-14	TSIS YOG	Dej kuav/lim ntawm tej nyuag hmoov zeb-hmoov hlau ua ntuj tsm los; dej tso ntawm tej tshav ua khoom siv
Specific Conductance (uS/cm)	2016	1600	NS	368	210-580	TSIS YOG	Yam uas tsim ions thaum nyob hauv dej; dej hiav txwv raug
Tag nrho tej nyuag hmoov zeb-hmoov hlau yaj ua dej (ppm)	2016	1000	NS	263	190-370	TSIS YOG	Dej kuav/lim ntawm tej nyuag hmoov zeb-hmoov hlau ua ntuj tsm los
Qhov ntshiab ntawm cov dej (NTU)	2016	5	NS	0.04	ND-0.4	TSIS YOG	Dej kuav ntawm av los

Tau kuaj dej hauv cov ciav dej ib ncig hauv lub zej zos seb puas muaj hmoov hlau txhuas thiab tooj							
HOM TWG (TUS TXHEEJ TXHEEM NTSUAS)	KUAI TWG	AL	PHG (MCLG)	NRHIAV POM PES TSAWG (90-FEEM PUA ROV SAUD)	COV CHAW TSHAJ QHOV AL/ PES TSAWG QHOV CHAW TAG NRHO	TXHAUM TXOJ CAI	LUB HAUV PAUS SIB KIS TAUS THA MAB DAS
Tooj liab (ppm)	2015	1.3	0.3	0.19	0/35	TSIS YOG	Cov kav dej vaj tse khub thiab xeb hauv; cov dej mus ntub tej nyuag hmoov zeb-hmoov hlau yaj ua dej; lim ntawm cov tshuaj txuag ntoo
Hlau txhuas (ppb)	2015	15	0.2	ND	0/35	TSIS YOG	Cov kav dej vaj tse khub thiab xeb hauv; dej tso ntawm tej tshav ua khoom siv; cov dej mus ntub tej nyuag hmoov zeb-hmoov hlau yaj ua dej

LWM YAM ⁶			
HOM TWG (TUS TXHEEJ TXHEEM NTSUAS)	KUAI XYOO TWG	NRHIAV POM NPAUM TWG	QIS-SIAB
Calcium (ppm)	2016	30	16-52
Chlorate (ppb)	2014	113	50-240
Chlorodifluoromethane (ppb)	2014	0.14	0.081-0.18
Qhov tawv (Tag Nrho) as CaCO3	2016	127	62-220
Hlau Magnesium (ppm)	2016	12.39	4.7-24
Molybdenum (ppb)	2014	1.59	1-2.9
pH, Laboratory	2016	7.8	7.2-8.2
Ntsev Sodium (ppm)	2016	23.95	14-34
Hlau Strontium (ppb)	2014	377	200-660
Hlau Vanadium (ppb)	2014	21	16-28
1,4 Dioxane (ppb)	2014	0.094	0.092-0.095

- 1) Tshawb pom tog paug arsenic nyob ntawm chaw tshij dej ob (Well Site 2) rau tag nrho 3 lub qhov tshij ntawd sib tov los ntsuas yog MCL of 10 ppb. Koj cov dej haus ntsib tseem fwm thiab lub lav cov txheej txheem tswj cov tog paug arsenic, tab sis mas nws muaj tog paug arsenic tsawg tsawg hauv. Tus txheej txheem rau cov tog paug arsenic kuj piv losyog luj qhov uas nws txawj kis kab mob piv rau tus nqi li cas thiab tshem tau cov tog paug arsenic tawm ntawm cov dej haus. Lub U.S. Environmental Protection Agency tseem tshawb nrhiav thiab kawm ntiv txog cov tog paug arsenic uas txawj ua rau tib neeg muaj mob cancer yog raug ntau ntau thiab txawj raug daim tawv nqaij puas (skin damage) thiab roj ntsha khiav tsis zoo (circulatory problems).
- 2) SWRCB pom tias 50 pCi/L thiab yog qhov kev pib txhawj hais txog cov beta particles
- 3) Muaj tog paug nitrate hauv cov dej haus siab tshaj 10 mg/L yog ib qhov phom sij rau menyuum mos hnuv nyooog 6 hli rov los hauv. Cov tog paug nitrate siab npaum no txawj kis rau tus menyuum mos cov roj ntsha khiav tsis zoo, ua kom mob sab heev; yam mob tshwm sim li ua tsis taus pa thiab daim tawv nqaij xiav xiav. Muaj tog paug nitrate siab tshaj 10 mg/L yog ib qhov phom sij kom cov roj ntsha khiav tsis zoo rau cov poj niam xeeb menyuum thiab cov neeg muaj roj ntsha tsawg (enzyme deficiency). Yog hais tias koj muaj menyuum mos losyog xeeb menyuum, koj yuav tsum thov koj tus kws kho mob tawm tswv yim rau koj.
- 4) Muaj tog paug PCE hauv cov dej haus thiab muaj tog paug TCE tsawg dua tus txheej txheem MCL. Tag nrho lwm cov tshij dej hauv Lub Nroog tshawb tsm pom dab tsi. Koj cov dej haus ntsib tseem fwm thiab lub lav cov txheej txheem tswj cov tog paug, tab sis mas tej zaus nws muaj tog paug tsawg dua li yuav tshawb taub thiab tsawg dua tus Regulatory Action Level. Tus txheej txheem rau cov tog paug PCE thiab TCE kuj piv losyog luj qhov uas nws txawj kis kab mob piv rau tus nqi li cas thiab tshem tau cov tog paug arsenic tawm ntawm cov dej haus. Lub U.S. Environmental Protection Agency tseem tshawb nrhiav thiab kawm ntiv txog kev raug cov tog paug PCE thiab TCE tsawg tsawg (low levels).
- 5) Kev xeb (corrosivity) tsis yog ib yam uas tus txheej txheem National Environmental Laboratory Accreditation Program kuaj los tshawb. Txhua yam kev tshawb thiab kuaj no xam tus nruab nrab ntawm 20 lub qhov tshij dej.
- 6) Kev kuaj tog paug hauv cov dej pab kom USEPA thiab State Water Resources Control Board paub hais tias cov tog paug nyob hauv cov dej qhov twg thiab paub seb puas tsim nyog los tswj cov tog paug ntawd.



COV TOG PAUG UAS YUAV MUAJ NYOB HAUV COV DEJ HAUS

Cov dej haus (tus ciav dej thiab dej hauv hwj) los ntawm cov dej loj, dej pas zaj, tej me nyuam kwj deg, me nyuam pas dej, dej teem hauv pas dej (reservoirs), tej qhov dej txhawv thiab tej qhov tshij uas nqus hauv qab thu av los tag huv tib si. Xyuas raws li qhov uas cov dej ntwms mus saum npoo av losyog ntwms mus hauv av, tha mab das cov dej yuav mus ntub tej nyuag hmoov zeb-hmoov hlau yaj ua dej thiab muaj tej zaum yuav yog tej yam khoom muaj radioactive, thiab cov dej uas ntwms ntawd yuav ntwms mus xyaw rau tej yam uas yog tsiaj ua, yog neeg ua. Yuav kom paub tau meej meej tias cov dej los ntawm cov ciav dej los huv haus tau, lub U.S. Environmental Protection Agency (U.S. EPA) thiab lub State Water Resource Control Board (State Board) tswj txoj cai teev qhia thiab tso cov tog paug hauv cov dej uas tso rau pej xeem siv. State Board no tseem tswj txoj cai tso cov tog paug hauv cov hwj dej haus los tiv thaiv tau tib hom mob hais ntawd rau kuj cuab sawv daws. Cov dej haus, xam cov dej hauv lam hwj rau thiab tej zaum yuav muaj me me tog paug nyob rau hauv. Muaj me ntsis tog paug nyob hauv dej tsis tau txhais tias cov dej ntawd hauv yuav ua kom muaj mob.

Cov tog paug uas yuav muaj nyob rau hauv cov qhov dej muaj:
Cov tog paug microbial contaminants zoo xws li cov kab mob viruses thiab kab mob bacteria uas txawm los ntawm qhov chaw lim dej tsis huv los, lub qhov av teem quav-teem zis, chaw yug tsiaj nyeg, thiab cov tsiaj qus;
Cov tog paug inorganic contaminants zoo xws li ntsev thiab hlau uas nws txawm muaj nws losyog nag xob nag cua kuav hauv nroog los, cov dej siv hauv tej tshav ua khoom siv, dej siv hauv vaj hauv tsev, chaw ua roj thiab ua nkev, chaw khawb kub-khawb hlau, losyog chaw ua liaj ua teb;
Tshuaj tua kab pesticides thiab tshuaj nroj herbicides, tej zaum los ntawm ntau ntau qhov chaw los zoo xws li hauv tej liaj tej teb, nag xob nag cua kuav hauv nroog los, thiab ntwms hauv tej vaj tej tsev los;
Tog paug organic chemical contaminants, xam nyob rau hauv muaj cov synthetic (neeg ua) thiab cov volatile organic chemicals (khes miv kaum ya taus), uas txawm los ntawm cov tshav ua khoom siv thiab chaw lim roj, thiab tej zaum tseem los ntawm cov chaw muag roj, nag xob nag cua kuav hauv nroog los, lub qhov av teem quav-teem zis;
Tog paug radioactive contaminants, tej zaum yog ntuj ua losyog los ntawm chaw ua roj thiab ua nkev, thiab los ntawm chaw khawb kub-khawb hlau.
Xav tau cov xov hais txog tog paug thiab tej yam muaj peev xwm ua kom muaj mob hu xov tooj rau U.S. EPA li Safe Drinking Water Hotline ntawm (800) 426-4791.

TXHAIS LUB NTSIAB LUS

AL (Regulatory Action Level):
Yog qhov nyeem ntawm cov tog paug uas, yog tshaj lawm, qhia kom paub tso rau losyog teev kom ua raws nyob rau hauv ib tug txheej txheem dej haus.
MCL (Maximum Contaminant Level):
Qhov pub muaj tog paug ntau tshaj plaws nyob rau hauv cov dej haus. Thawj zaug raws li qhov luag tau teev cia mas yog tov cov MCL kom tsawg li tsawg tau raws li cov PHG (losyog cov MCLG) uas ua kom them taus thias ua taus. Zaum ob luag tov cov MCL hauv cov SMCL mas yog tua tus ntshiab dej, qhov qab-qhov tsuag thiab ntsia pom lub hwj xyeem dej los kom huv si.
MCLG (Maximum Contaminant Level Goal): Daim hom phiaj tso cov tog paug kom haum hauv cov dej haus tsawg kawg nkaus kom tsis muaj kab mob kev nkeeg losyog ntseeg tias yuav tsis muaj kab mob kev nkeeg. Lub U.S. EPA yog tus teev cov MCL
MRDL (Maximum Residual Disinfectant Level): Qhov ntau ntawm cov tshuaj tov tua kab mob hauv cov dej thaum cov dej ntwms los tawm hauv neeg tus kai dej haus. Yeej muaj keeb puas qhia txaus hais tias tsim nyog tov tshuaj tua kab mob kom txhob pub muaj kab mob ntau nyob hauv cov dej.

MRDLG (Maximum Residual Disinfectant Level Goal): Daim hom phiaj tso cov tog paug kom haum hauv cov dej haus tsawg kawg nkaus kom tsis muaj kab mob kev nkeeg losyog ntseeg tias yuav tsis muaj kab mob kev nkeeg. Lub MRDLG no tsis qhia txog kev tov tshuaj tua kab mob kom txhob pub muaj kab mob ntau nyob hauv cov dej.
NA: Siv tsis tau.
ND (Nrhiav tsis tau): Hais tau tias cov khoom no hauv lub chaws kuaj tshawb tsis pom.
NS: Tsis muaj daim qauv.
NTU (Nephelometric Turbidity Units): Ntsuas qhov ntshiab, losyog qhov huv ntawm cov dej. Qhov ntshiab tshaj li ntawm 5 NTU mas yuav yog ib tug neeg twg tab tom yuav txawj pom qhov txawv.
pCi/L (picocuries per liter): Ntsuas qhov muaj hluav taws xob (radioactivity).
PDWS (Primary Drinking Water Standard): Cov MCL yog tso los tua cov tog paug uas ua neeg muaj mob nrog rau qhov taug xyuas thiab fi xov raws txoj cai teev cia thiab qhov txoj cai kom lim dej haus.
PHG (Public Health Goal): Daim hom phiaj tso cov tog paug kom haum cov dej haus tsawg kawg nkaus kom tsis pub muaj kab mob kev nkeeg losyog ntseeg tias yuav tsis muaj kab mob kev nkeeg. Lub lav California lub koom haum tsom kwm huab cua (California Environmental Protection Agency) yog tus tso lub hom phiaj no.
ppb (parts per billion): Yog ib txoj kev luj ntsuas tej yam muaj tsawg tsawg txhais tau tias yog ib feem ntawm ib puas txhiab vam, piv xam tias ib gallon ntawm ib puas txhiab vam nkas loos (losyog micrograms rau liter).
ppm (parts per million): Yog ib txoj kev luj ntsuas tej yam muaj tsawg tsawg txhais tau tias yog ib feem ntawm ib puas vam, piv xam tias ib gallon ntawm ib puas vam nkas loos (losyog milligrams rau liter).
ppt (parts per trillion): Yog ib txoj kev luj ntsuas tej yam muaj tsawg tsawg txhais tau tias yog ib feem ntawm ib puas lab vam, piv xam tias ib gallon ntawm ib puas lab vam nkas loos (logyog nanograms rau liter).

LUS NUG?

Xav paub ntiv txog daim ntawv fi xov no, losyog muaj lus nug txog koj cov dej haus, thov hu xov tooj rau Water Quality Control Division ntawm (209) 385-6204 lossis lub Public Works Customer Service ntawm (209) 385-6800.

City of Merced
Gateway to Yosemite