

Kab mob Bacteria, Kab mob Viruses, thiab Kab Mob cab Parasites hauv cov dej Haus

Cov kab mob bacteria nyob txhua qhov chaw ntawm ib puag ncig, suav nrog saum npoo dej thiab cov dej hauv av ntawm lub xeev Minnesota. Tej co kab mob bacteria nov yeej ua rau phom sij rau tib neeg lub cev kev muaj mob. Haus cov dej es muaj cov kab mob-tsim tau cov kab mob bacteria, kab mob viruses, los yog kab mob cab parasites (tag nrho cov kab mob nov hu ua kab mob pathogens) yeej ua tau rau koj mob. Nws tsis yog ib qho es yuav kuaj cov dej kom paub txog txhua hom kab mob pathogens, tabsis nws yooj yim los kuaj kom paub txog ib pawg kab mob hu ua total coliform bacteria.

Kev phom sij rau kev noj qab haus huv

Qhov es pom muaj tus kab mob coliform, tshwj xeeb yog tus kab mob E. coli (ib hom kab mob coliform bacteria), hauv cov dej haus qhia tau tias cov dej kuj muaj tus kab mob pathogens es ua rau haw quav, ntuav, tu leeg, xeev siab, mob taub hau, ua daus no, nkees nkees, thiab tej thaum kuj tuag tau. Cov menyuam mos ab, cov menyuam yaus, cov neeg laus laus, thiab cov neeg es lub cev tiv tsis taus kab mob feem ntau yuav raug tus kab mob pathogens nyob hauv cov dej haus.

Yuav tiv thaiv koj tus kheej thiab koj tsev neeg lis cas

Lub chaw U.S. Environmental Protection Agency (EPA) hais tias cov dej es tsoom fwv tso los rau ib zej tsoom siv mas yuav tsum tau kuaj tas mus li seb puas muaj cov kab mob total coliform bacteria thiab E. coli. Cov dej haus es puaj phais mas tsis muaj tus kab mob E. coli los yog lwm cov kab mob pathogens nyob rau hauv.

Yog tias koj muaj ib lub qhov dej khawb rau tus kheej

Nov yog ib co kev qhia kom paub tiv thaiv li cas thiab daws kom tau teeb meem es muaj tus kab mob coliform bacteria tsuas rau cov dej:

Tiv Thaiv Cov Kab Mob es los tsuas tsis huv

- **Khawb koj lub qhov dej kom nyob rau ib qho chaw puaj phais.** Saib *lub vas sab txog Tiv Thaiv Koj Lub Qhov Dej kom paub kuaj xyuas*).

- **Kuaj xyuas koj lub qhov dej tas mus li seb puas muaj tej qhov es puas lawm.** (Saib *qhov Tiv Thaiv Koj Lub Qhov Dej khawb*). Tiv tauj tus neeg muaj daim ntawv tso cai rau khawb qhov dej yog tias koj lub qhov dej khawb puas (Saib *Daim ntawv teev cov npe muaj daim ntawv pov thawj khawb qhov dej*).
- **Kuaj koj cov dej hauv qhov dej khawm txhua xyoo seb puas muaj tus kab mob coliform bacteria.** Koj yog tus lav phib xaub kuaj koj cov dej hauv koj lub qhov dej tas mus li. Minnesota Department of Health (MDH) tau hais tias xav kom koj siv cov chaw kuaj kom muaj ntaub ntawv pov thawj los kuaj koj cov dej (saib qhov Tshawb nrhiav cov chaw muaj daim ntawv pov thawj kuaj dej). Tiv tauj ib lub chaw es muaj ntaub ntawv pov thawj kom tau lub thawv thiab cov ntaub ntawv cob qhia kom paub kuaj, los yog nug koj lub zos county es pab rau faim kev noj qab haus huv rau pej zeem seb lawv puas muaj kev pab kuaj cov qhov dej khawb.
- **Tua cov kab mob hauv koj lub qhov dej khawb es yog siv cov tshuaj chlorine solution.** yog tias dej nyab los ze li ntawm 50 hneev taw rau koj lub qhov dej khawb; koj cov dej yuav hloov qhov lawv qab txawv, pom xim dej txawv, los yog dej tsw; los yog koj lub qhov dej khawb qhib rau ib qho kev kho twg. Saib *qhov siv tshuaj tua kab mob hauv lub qhov dej khawb* kom paub tias yuav ua cas los yog ntiav ib tug neeg es muaj daim ntawv phov thawj khawb qhov dej.
- **Kho tej yam es ntxim li yuav tsuas rau cov dej tas mus li,** xws li cov kav dej thiab lub thawv ntim quav.

Yuav ua li cas daws qhov teeb meem dej tsuas tsis huv no

Yog tias kuaj tau muaj cov kab mob coliform nyob hauv koj cov dej, ua raws nraim li cov kauj ruam hauv qab no.

- **Tsum tsis txhob siv cov dej los hauv thiab ua mov noj**, Tshwj tsis yog tias koj rhaub cov dej kom npau npau kom ntev li ib nasthis ua ntej koj siv. Koj kuj siv tau cov kaus poom dej los yog cov dej los ntawm qhov chaw uas puaj phais.
- **Tua cov kab mob hauv koj lub qhov dej khawb** es yog siv cov tshuaj chlorine solution. (saib qhov *Siv tshuaj tua kab mob hauv qhov dej khawb*).
- **Kuaj koj cov dej hauv lub qhov koj lub qhov dej khawb dua** tom qab siv tshuaj tua tag kom paub tseeb tias tsis muaj cov kab mob coliform bacteria lawm.
- Koj yeej siv tau cov dej dua yam tsis tas muab rhaub, thaum lub qhov dej tau siv tshuaj tua tag lawm thiab cov dej kuaj pom tias tsis muaj cov kab mob coliform bacteria lawm.

Yog tias koj siv cov dej es tsoom fww tso tuaj rau koj

Koj cov dej es tsoom fww tso tuaj rau koj haus mas yeej raug kuaj seb puas muaj tus kab mob coliform bacteria. Lub chaw tso dej tuaj yuav ceeb toom qhia rau ib zej tsoom tsis pub dhau 24 xuab moo yog tias kuaj pom tias muaj tus kab mob E. coli. Daim ntawv ceeb toom qhia rau ib zej tsoom yuav qhia rau koj tias yuav tsum tau ua li cas thiaj li muaj kev puaj phais.

Koj yeej nrhiav pom tias kuaj seb puas muaj cov kab mob coliform bacteria rau cov dej tsoom fww tso tuaj ntawm thaj chaw koj nyog es yog nyeem daim ntawv qhia tawm txog cov dej es huv npaum cas (ib lub npe ntawm daim ntawv qhia tawm hu ua Consumer Confidence Report [CCR]). Hu rau koj lub chaw tso dej tuaj rau koj siv kom tau daim qauv ntawm daim ntawv qhia tawm hu ua CCR los yog nrhiav hauv online (saib daim ntawv Consumer Confidence Report). Yog tias koj xav nrhiav kom pom tias kuaj seb puas muaj cov kab mob coliform bacteria rau cov dej tsoom fww tso tuaj ntawm ib qho chaw es tsis yog hauv koj lub tsev, tiv tauj qhov chaw es tso dej tuaj rau qhov chaw ntawd.

Qhia txog qhov keeb kwm

Cov plhuas quav mas muaj cov kab mob pathogens. Tej yam es muaj quav ntim nyob rau hauv yog cov qhov thaus yang quav mus, lub thawv ntim quav thiab cov kav dej quav ntwis rau hauv, thiab tsiaj cov zis thiab quav. Cov kab mob Pathogens es los ntawm tej yam nov yeej nkag tau mus rau peb cov dej haus. Kuaj cov dej haus seb puas muaj tus kab mob coliform bacteria yog ib qho yooj yim kom paub seb puas muaj tus kab mob pathogens hauv cov dej. Yog tias cov dej kuaj tau tias muaj tus kab mob E. coli bacteria, cov dej muaj quav nyob rau hauv.

Kab mob Bacteria, Kab mob Viruses, thiab Kab Mob cab

Parasites hauv Minnesota cov dej

Vim yog ib lub xeev ua liaj ua teb, Minnesota muaj ntau daim teb thiab tiaj nyom es tsiaj noj. Cov vaj tse nyob tawm nraum ntug zos siv cov thawv ntim quav los ntim lawv tej zis tej quav. Peb muaj ntau cov tsiaj qus, feem ntau nyob ze rau tib neeg. Ntxiv mus thiab, cov kav es yang quav hauv lub zej zog los qub qub lawm thiab yeej xau tau. Cov quav xau ntawm cov no yeej nkag tau mus rau cov pas dej, cov dej ntwis, thiab tej zaum nkag rau mus rau cov dej hauv av. Cov chaw tso dej rau ib zej tsoom siv hauv lub xeev Minnesota thiab MDH kuaj cov dej tas mus li seb puas muaj tus kab mob coliform bacteria hauv cov dej tso tuaj rau ib zej tsoom siv thiab sib koom tes ua hauj lwm ua ke kom daws tau qhov teeb meem thaum kuaj tau tias muaj muaj tus kab mob coliform bacteria

Txhua lub qhov dej haus khawb tshiab hauv lub xeev Minnesota yeej kuaj seb puas muaj tus kab mob coliform bacteria. Yog kuaj tau tias muaj tus kab mob coliform bacteria, tsa cai ntawm cov qhov dej khawb hauv lub xeev Minnesota hais kom tus neeg muaj daim ntawv khawb lub qhov dej yuav tsum siv tshuaj tua lub qhov dej thiab kom paub tseeb tias yeej tsis muaj tus kab mob coliform bacteria lawm ua ntej yuav siv lub qhov dej khawb ntawd. Yog kuaj ntau tshaj qhov es xub kuaj nov mas yog kev lav pib xaub ntawm tus tswv lub qhov dej khawb.

Yam dabtsi es MDH ua

MDH tswj xyuas cov dej tso rau ib zej tsoom siv es yog:

- Pom zoo rau tsim cov chaw tso dej mus rau ib zej tsoom siv thiab cov tswv yim tua kab mob rau cov dej.
- Tswj tsab cai kom muaj dej hauv yuam puaj phais hu ua Safe Drinking Water Act.
- Kuaj cov chaw muab dej rau ib zej tsoom siv.

MDH tswj xyuas cov qhov dej khawb es yog tsoom fww li thiab yog cov ntwam ntiag tug thiab koom tes nrog cov tswv qhov dej khawb es yog tsim cov cai thiab *tswj cov cai* kom tsim tau lub qhov dej khawb kom raug cai thiab kom zoo hu ua *Construction of Wells and Borings and Sealing of Wells and Borings*.

MDH kuj ua ib qho kev kawm kom soj ntsuam tau cov kab mob hauv cov dej nyob hauv av kom paub txog cov kab mob viruses es nyob hauv Minnesota cov dej hauv av thiab nws yuav zoo li cas rau kev noj qab haus huv rau ib zej tsoom.

Lwm pawg neeg ho ua dabtsi

Minnesota Lub chaw tswj kev tsuas tsis huv hu ua Minnesota Pollution Control Agency ua hauj lwm koom tes thoob plaws hauv lub xeev kom txo tau tsiaj thiab tib neeg cov zis cov quav kom nkag tau rau Minnesota cov dej.

Cov ntaub ntawv qhia

- Kev Puaj Phais ntawm cov Kab Mob Hauv Lub Qhov Dej Khawb ([Bacterial Safety of Well Water \(PDF\)](#)) (www.health.state.mn.us/communities/environment/water/docs/wells/waterquality/bacteria.pdf)
- Khawb cov qhov dej ([Construction of Wells and Borings](#)) (www.health.state.mn.us/communities/environment/water/wells/construction)
- Daim ntawv qhia tawm hu ua [Consumer Confidence Reports](#) (www.health.state.mn.us/ccr)
- Cov kab mob virus hauv cov dej hauv av thiab Soj Ntsuam Kom Paub ([Groundwater Virus and Monitoring Study](#)) (www.health.state.mn.us/communities/environment/water/cwf/virus)

- Cov cai tswj kom zoo hu ua [Laws and Rules: Well Management Program](#) (www.health.state.mn.us/communities/environment/water/wells/rules)
- Daim ntawv teev cov npe muaj daim ntawv pov thawj khawb qhov dej hu ua [Licensed Well and Boring Contractor Directory](#) (www.health.state.mn.us/lwcsearch)
- Tiv thaiv koj lub qhov dej khawb ([Protecting Your Well](#)) (www.health.state.mn.us/communities/environment/water/wells/construction/protect)
- Cov chaw tso dej rau Ib Zej Tsoom siv: Tswj Tsab Cai Muaj Dej Haus Kom Puaj Phais ([Public Drinking Water Program: Enforcing the Safe Drinking Water Act](#)) (www.health.state.mn.us/communities/environment/water/factsheet/dwprog)
- Lub thawv ntim quav - Tua Kab Mob hauv cov Qhov Thaus Dej/Quav (Septic Systems—[Subsurface Sewage Treatment Systems](#)) (www.pca.state.mn.us/water/subsurface-sewage-treatment-systems)
- Npog Lub qhov dej khawm kom txhob xau dej ([Sealing of Wells and Borings](#)) (www.health.state.mn.us/communities/environment/water/wells/sealing)
- Tshawb nrhiav cov chaw muaj daim ntawv pov thwj kuaj dej ([Search for Accredited Laboratories](#)) (www.health.state.mn.us/labsearch)
- Siv Tshuaj Tua Kab Mob hauv Lub Qhov Dej Khawb ([Well Disinfection](#)) (www.health.state.mn.us/communities/environment/water/wells/waterquality/disinfection)

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Kom tau cov ntaub ntawv no rau lwm hom format txawv, hu rau: 651-201-4700. Luam tawm rau cov ntawv es rov muab zom tau dua tshiab.