



MINNEAPOLIS
PUBLIC SCHOOLS
Urban Education. Global Citizens.

Cov Lus Nug – Minneapolis Public Schools dej huv

Cov lead txeem nkag rau tsev kawm ntawv cov dej licas?

Raws li Minnesota Department of Health, lead nyob hauv cov dej haus yog los ntawm tej yam ua cov kav dej thiab cov koom uas xa cov dej tawm tuaj thiab cov kav dej. Lead yog qhov teeb meem kawg, nrog rau thaum khub ntau ntau los ntawm tus ciav. Lead yuav muaj nyob rau txhua yam raws tus kav dej xwb li cov lead los ntawm lead pob cov kav dej, kav dej sib txuas, thiab hauv tus kav dej. Cov lead tawm los mus raws cov dej hauv tus kav dej.

Qhov uas cov lead no muaj ntau yog los ntawm cov kav dej yaig, li thaum cov dej los txhuam kav dej los yog cov pob kav dej cob. Tsis muaj oxygen, cov pH qis, tsis mua cov mineral txaus thiab lwm yam los ntawm cov dej ua rau cov kav dej yaig. Tsis tas li, cov dej thiab tej yam ua muaj lead sib txhuam ntau ces cov dej haus no yuav tsum muaj lead los nrog lawm. Qhov ntev ua cov dej nyob rau hauv cov kav dej, cov dej yuav tsum txuam lead nrog los. Ib co ntxiv, xws li dej sib tov, cov cua sov thiab kav dej qub lawm yuav muaj kev los ua tau rau cov dej muaj lead..

MPS tau cov dej no los qhov twg los?

Peb coj dej yog los tas nrho los ntawm City of Minneapolis. Cov dej uas muaj los hauv city cov lead yeej qis thiab Minneapolis khoo cov pH ntawm cov dej kom cov kav dej txhob yaig. Tsis tas li, city rau ib cov leem kom kav dej tsis txhob yaig hu ua ortho polyphosphate. Li ua tau, Minneapolis cov dej npaj kom txhob nyeem thaum los hauv tus kav dej thiab cov khawb kom tiv thaiv cov dej peb hauv txhob txhuam cov hlua.

Txais licas thaum tais “cov lead siab”?

Qhov [Environmental Protection Agency](#) thiab [Minnesota Department of Health](#) (MDH) qhia tias cov lead siab mam yuav tsum tshaj li 15 parts per billion (ppb). Rau kev ntsuas xyuas, MDH yuav tsum kom tsev kawm ntawv los ua ua tau thaum cov lead no tshaj li 20 ppb.

MPS mauj tshaj li 40 lub tsev kawm ntawv yuav yuav tau ntsuam xyuas. Peb los ntsuam cov dej no siv kev ua raws hauv MDH, nrog rau kev ntsuam uas siv thawj ncos dej. Qhov no txais tau tias cug cov dej no thaum weekend los yog sawv ntxov thaum cov lead no ntxim muaj ntau, vim tias cov dej tauv ntej rau tus kav dej ntev, lead ntau uav muaj los nyob nrog dej.

Cov lead ntau npaum licas huav cov dej tsev kawm ntawv thiaj hais tias lead ntau heev?

Qhov uas ntsuam xyuas tau siab yog li 400 ppb thiab peb kho lawm thaum txog li 20.

Qhov no puas piv tau li cov lead siab nyob rau Flint, MI?

Tsis. Cov lead nyob rau Flint, MI tau yog tshaj li 13,000 ppb.

Koj ua licas kom cov dej thiaj huv?

Peb ua raws qhov [recommendations of the MDH](#). Qhov no nrog rau kev ntsuam, ua raws txoj cai tso dej tawm nyob rau cov chaw uas pom tau tais muaj lead siab thiab hloov khawb thiab cov kav dej li thaum ua tau.



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Piv txwv tias, thaum muaj kev kho, peb xyuas yog ua tau peb hloov cov kav dej tshiab kom txho muaj teeb meem. Qhov no tau ua nyob tom Webster Elementary, uas tam sim no tau ntsuam yog qis 20 ppb li teev lawm xwb.

Qhov “tso dej tawm” yog dabtsi?

Tso dej tawm yog ib qho uas pom zoo los ntawm MDH tso kom cov lead tsawg hauv cov dej haus. Yog tias lub chaw qhov kev ntsuam yog tshaj li 20 ppb, ib zaug xwb, peb yuav tsum tau tso dej tawm li hais raws kev pom zoo los ntawm MDH.

Txhua tag kig, cove chaw engineers yuav tsum tau tso dej tawm thoob lub tsev kawm ntawv li 10 feeb kom cov dej uas teev ntws tawm mus. Kom cov dej tshiab ntws los rau hauv lub tsev thiab rau kev siv dej rau hunb ntawd, cov lead thiaj tsi ntau.

Paub tau licas tias ua raws txoj cai teev tseg?

Cov engineers yuav tsum tau khaws ntaub ntawv txhua hnub txog kev tso dej tawm. Peb kuj txhawb xyuas tej qhov chaw kom ua tau cov cai kom ua rau dej no huv mus kom yog.

Vim licas koj ho tsis ntsuam txog cov dej txhua lub sijhawm?

Lub fall tas los, peb tau pib ntsuam txog lead hauv cov dej haus. Ua ntej ntawm, kev ntsuam yeej tsis muaj txhua lub caij vim lawv yuav tsum tau qhia peb qhov uas peb twb paub lawv — peb ob peb lub tsev muaj lead siab – thiab tsis muaj qhov pom tias nws yuav pauv. Peb tsuas tso cov dej tawm ntawd cov chaw ntawd li siv.

Txij peb pib ntsuam los mus, muaj ntau lub tsev kawm ntawv pom muaj cov lead siab tau tsis muaj lawv. Tabsis, peb tseem tso dej tawm txhua lub tsev ntawd.

Kuv yuav kawm ntxiv qhov twg?

Lub City of Minneapolis, Minnesota Department of Health and the Environmental Protection Agency muaj kev qhia zoo txhua yam.

- <http://www.minneapolismn.gov/publicworks/water/WCMSP-173109>
- <http://www.minneapolismn.gov/www/groups/public/@publicworks/documents/webcontent/wcmsp-173111.pdf>
- <http://www.health.state.mn.us/divs/eh/water/schools/>
- <http://www.health.state.mn.us/divs/eh/water/schools/pbschoolguide.pdf>
- <http://www.health.state.mn.us/divs/eh/water/factsheet/ncom/lead.pdf>
- <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water#regs>