



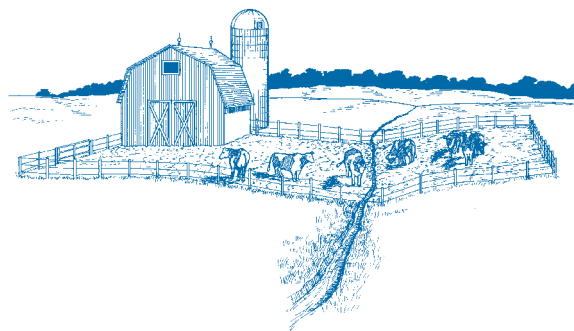
Muaj nitrate hauv koj cov dej haus

Daim ntawv no play qhlav txog muaj Nitrate nyob hauv dej haus, yog yus lub cev haus tau nitrate yus yuav muaj mob, thaum twg thiaj yuav tsum sim los si kuaj yus cov dej haus. Daim ntawv no kuj yuav qhia txog kev pab thiab qhiav siv cov dej nqus hauv av los.

Nitrate yog dabtsi?

Nitrate (NO3) yog txawm los ntawm nitrogen thiab oxygen. Nws txawm los thaum cov nitrogen los tov cov ammonia los yog lwm yam los sib xyaws nrog rau oxygen hauv dej. Yeej tshawb pom muaj nitrate nyob ntawm tej ntoo thiab tej zaub, vim cov tswv teb siv tshuaj chiv ywg zaub. Raws li US Environmental Protection Agency, tshawb pom txhua tus tib neeg laus noj khoom yuag ib hnuv twg lawv noj tau 10-25 milligram nitrate. Feem ntau yog tau nitrate los ntawm cov nplooj xws li, sam lav zaub qhwv, kav zaub, thiab spinach. Tshaj ntawd ntiv tau nitrate los ntawm cov dej haus tsis lim zoo thiaj ua rau yus lub cev tau kab mob zoo.

The Wisconsin Department of Natural Resources Bureau of Drinking Water and Groundwater thov ua tsaug rau Groundwater Coordinating Council (GCC) Education Sub-Committee rau lawv lub dag zog sib pab tsim kho thiab sau daim ntauv qhuab qhia no. Yog xav paub kam ntau tshaj no txog cov GCC txog cov neeg ua hauj lwm thov mus saib www.wisconsin.gov xaiv "Government," "state Agencies," followed by "List of Agencies" then select "Groundwater Coordinating Council."



Ua cas nitrate thiaj nkag tau mus rau cov dej hauv qab av?



Dej tojsiab, ib txwm tsuas muaj li 1 milligram nitrate-nitrogen rau ib lam fwm twg xwb thiab tsis nco txhawj tias yuav muaj kab mob txaus ntshai. Raws li paub, nitrate tshwm sim ntawd cov tshuaj ywg zaub, quav nyuj quav npua, chav dej thiab cov tshuaj siv los ua dej hauv dej siv. Nitrate yaj nkag thawm rau hauv av yooj yim thiab yog los nag kuav mus thiab lub caij snow yaj lawv yuav yaj ua dej tshab mus rau cov dej hauv qab av.

Kuv cov dej puas ntxim ntshai?

Yuav kom koj paub tias koj cov dej haus puas muaj nitrate ces nqa dej mus rau laboratory kuaj. Lawv tseem kuaj tau ntau yam yuav qhia tau rau koj tias koj cov dej puas muaj nitrate thiab lwm yam.

- Thaj chaw. Nitrate ib txwm muaj puag ncig thaj tsam ze tej liaj teb, qab vag tsib taug, chaw kaw nyuj, lub thoob rau quav, lub tsev lim dej qias thiab qhov chaw lawv ywg phuas quav.
- Qhov dej tob thiab tej chaw kho ub kho no. Nitrate yaj thawm mus rau av mus xyaws cov dej haus, cov qhov dej khawb ntiav los yog tus kav hlau luv hom ntau muaj nitrate heev dua cov qhov khawb tob.
- Pobzeb. Thaj tsam nchua khoom qia, av xuab zeb, pob zeb lwj, qhov ntuj thiab qhov dej nqig, thiab dej nyob ntia ntawm npoo av mas hom muaj nitrate. Thaj tsam twg nqaim thiab muaj pob zeb lwj uas muaj npe tias "Karst" zoo li lub nroog Door County, mas hom muaj nitrate heev.

Yam dabtsi thiaj txaus ntshai yog tias kuv cov dej muaj nitrate?

Txoj cai ntawd xeev thiab tsoom fwm tsuas pub nitrate-nitrogen muaj rau pej xeev cov dej haus tsis pub kom muaj nitrate tshaj 10 milligrams ib lam fwj twg. Cov menyuam mos thiab cov poj niam lub cev tab tom xeeb tus tsis txhob haus cov dej muab nitrate tshaj 10 ppm. Thiab lub Wisconsin Department of Health xav qhia kom saws daws tsis txog haus cov dej muab nitrate.



Cov menyuam mos muaj 6 hlis rov hauv haus cov dej muaj nitrate yuav ua rau nws cov roj ntsa xia xws li tsis muaj pa los yog oxygen. Nitrate yuav txov tau cov me nyuam mos tej roj ntsa kom qis thiaj ua rau me nyuam muaj mob, cov kab mob hu tias methemoglobinemia. Lawv tseem hu tau tias "blue baby syndrome" rau qhov tias tus me nyuam daim tawv nqaij xiav los yog xim txho taws. Qhov xim txawv no twb yog

los ntawd qhov tus me nyuam tsis tau oxygen txaus rau nws cov ntsav.

Tag nrho cov me nyuam muaj rau lub hlis mas muaj ntsis hom ntxiav nitrate, yog tus me nyuam tsis tau puv hnuv nyoo thiab tus me nyuam muaj lwm yam kab mob haj yam ntxiav tshaj lwm tus me nyuam. **Tus me nyuam muaj "blue baby syndrome" yuav tsum tau kev pab ntawd kws tshuaj vim tias yuav ua rau nws tau coma thiab tuag yog tsis tau key pab zoo.**

Tus leej niam pub mis niam rau me nyuam haus tau cov dej muaj nitrate, cov nitrate yuav mus rau leej niam cov kua mis thiab nce siab zuj zus. Tabsi tsis tau muaj ib tug "blue baby syndrome" tshwm sim hais tias yog tim nitrate hauv leej niam cov kua mis, tsuas yog ib qhov ceeb toom rau cov leej niam pub mis niam rau me nyuam kom ceev txhob haus cov dej muaj tshaj 10 milligram nitrate ib lam fwj xwb.

Muaj ib cov kws tshawb fawb pom tias cov poj niam cev xeeb tub haus cov dej muaj nitrate ua tau rau tus me nyuam yug tau los muaj ntau yam tsis zoo. Ua rau tus menyuam muaj mov tsis hlob zoo.



Muaj ib cov kws tshawb fawb tshawb tau tias muaj ib cov poj niam uas lawv haus cov dej muaj nitrate ntau, lub caij nws lub cev xeeb tub hom kis rau tus me nyuam hauv leej niam plab, los yog ua kab mob cancer rau tus me nyuam sai dua lwm tus. Cov neeg txawj ntse xav hais tias cov haus dej muaj nitrate yuav muaj kev txhawj xeeb txog kab mob cancer dua lwm yam.

Ua li cas kuv thiaj paub tias kuv cov dej huv?

Pej xeeem tej dej haus

Yog muaj dabtsi txawv hauv cov dej haus ces saib xyuas dej yuav tsum tau ceeb toom rau pej xeeem. Yog tias pom nitrate tshwm siab tshaj txoj cai (MCL) uas tsoom fwm yeej hais tseg rau cov dej haus. Tseem ceeb tshaj yog cov tuav dej rau zej zog, nroog thiaj tej tiaj ua si, yuav tsum tau tshaj rau tsoom fwm thiaj pej xeeem kom paub txhij txhua txog cov nitrate no. Yog hais tias koj xav saib txog lub zej zog txog koj cov dej haus los yog saib hauv Wisconsin Department of Natural Resources (DNR) qhov web site at dnr.wi.gov, nrhiav lo lus "water quality data" thiaj Drinking Water Sample Results. Koj thiaj li yuav saib pom cov npe zej zog cov dej haus sau tseg.



Txoj kev lim dej yuav txov kom tau cov nitrate tsawg tsis txhob muaj ntau hauv cov dej haus, tabsi tseem muaj lwm yam zoo dua thiaj npe qis dua. Muaj tej zaum yuav tsum khawb dua lub qhov dej tshiab thiaj pab tau.

Cov tswv dej hauv zog.

Tib txog kev yuav kom koj paub tseeb tias koj cov dej haus puas muaj nitrate ces nqa koj cov dej haus mus kuaj. Muaj ntau qhov chaws kuaj dej tim Department of Natural Resources (DNR) los yog saib dnr.wi.gov, nrhiav lo lus: certified labs. Xav kom txhua lub qhov dej tshiab thiaj qub los yuav tsum kuaj koj cov dej, yog tias koj tsis tau kuaj li 5 xyoo tag lawm. Xav hais tias yuav tsum kuaj cov dej uas cov poj niam cev xeeb tub haus thiaj tseem neeg muaj me nyuam mos mauj 6 hlis. Peb xav hais tias cov dej uas kuaj tau muaj nitrate txij li 5 txog 10 yuav tsum kuaj txhua xyoo. Tseem yuav tau kuaj lwm yam thiaj thiaj yuav pab yog muaj lwm yam nitrate los yog tias muaj nitrate nyob zej thiaj paub.

Tom qab cov dej haus tau kuaj tag, cov ntawv ntawm khaws cia nyob rau hauv DNR. Hu tua rau hauv DNR yog thiaj koj xav tau cev pab.

Kuv yuav ua cas yog tias kuv cov dej muaj nitrate ntau?

Yog hais tias nitrate-nitrogen ntawd koj cov dej haus **siab** txog 10 miligram ib lam fwj twg lawm, koj yuav tsum ua li cov npe lus nram qab no.

- Menyuam mos thiaj cov poj niam lub cev tab tom xeeb tus tsis txhob haus cov dej muab nitrate tshaj 10 ppm.
- Wisconsin Division Public Health tau hais tias txhua leej tsis txoj haus cov dej muaj nitrate siab txog 10 miligram.
- Tsis txhob xav tias muab dej nrhaub ces yuav tshem tau nitrate tawm tawm. Yog ua li no yuav ua rau nitrate haj yam siab tshaj qub tuaj
- Yuav tsum coj koj tus me nyuam mus cuag kws tshuaj sai yog tias pom blue tshwm sim ntawd tus me nyuam tej tawv nqaij. Tej zaum cov xim xub tshwm ntawd tus me nyuam lub qhov ncauj, los yog txhais tes thiaj txhais kov taw.
- Saib kom paub nitrate tseeb yog pom nitrate thiaj paub thiaj muaj ntau txoj kev koj yuav txov kom tu noob zui zus. Tsis txhob ywg tshuaj ntau rau koj cov zaub, muab quav nyuj rau los yeej zoo, saib xyuas koj lub thoob lim quav kom zoo thiaj thauj tawm mus pov tseg thiaj tsis phwj tawm, koj thiaj yuav thaiv tau koj cov dej haus.
- Mus cuag tus muaj daim ntawb kawm tiab khawb qhov dej, nws thiaj pab koj kuaj xyuas koj cov dej thiaj khawb qhov dej tshiab.
- Thov siv cov cai thiaj tswvyim tsim tawm haub lub Department of Safety and Professional Services (DSPS).

Yog kuv xav paub kom ntau yuav nug qhov twg?

Tus neeg muaj license khawb cov dej qhia tau rau koj tias khawb li cas thiaj yuav tsis muaj nitrate nyob rog dej haus. Nrhiav "Water Well Drilling & Service," nyob hauv koj phaus ntawv xov tooj.

Wisconsin Department of Health Services (DHS), Division of Public Health



yuav muaj ntau yam kev qhia txog kev noj qab haus huv los yog dej nitrate. Hu rau (608) 266-1120 los yog saib DHFS Web site ntawd dhs.wisconsin.gov/eh/water.

The Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP) yuav muaj ntau yam kev qhia txog nitrate thiaj yuav siv li cas rau Wisconsin. Hu rau (608) 224-4500 los yog saib DATCP Web site at www.datcp.state.wi.us.

Nrhiav qhov chaw kuaj koj cov dej, thov mus xyuas online ntawm dnr.wi.gov, Nrhiav lo lus: certified labs.

DNR muaj lus qhia txog cov dej haus huv nyob online dnr.wi.gov. Nrhiav lo lus drinking water. Xaiv Drinking Water & Groundwater from the drop-down menu, thiaj xaiv ntau lub npe tshwm hauv.

Lub University Wisconsin-Cooperative Extension mauj ntau yam kev qhia txog dej haus thiaj yauv ua li cas cov dej haus thiaj zoo haus.

Lub Department of Safety and Professional Services muaj lus qhia txog haus dej huv thiaj kev pab nyob ntawv dsps.wi.gov

dsps.wi.gov/php/sb-ppalopp/contam_result.php/336

Tiv Tauj Peb

Peb muaj neeg ua pab tau koj.

Peb yuav muaj peev xwm pab tau koj li cas?

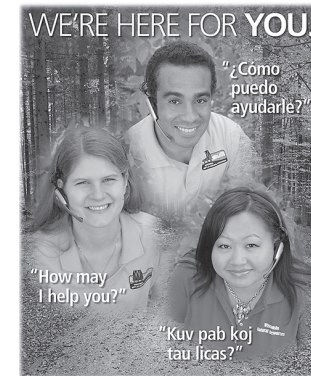
Hu Xov Tooj Dawb rau 1-888-WDNRINFo (1-888-936-7463)

Los yog, mus rau dnr.wi.gov, sau rau haus los lus: Contact Nyem rau hauv qab noj yog koj xav tiv tauj rau peb:

Sau ntawv nrog peb tham.

Hu xov tooj tuaj rau peb.

Sau koj tej lus nug hauv email tuaj.



Tus Xov Tooj Hu Ceev Txog Kev Ua Txhaum Cai hauv tus xov tooj hu ceev tsis them nqi:

1-800-TIP-WDNR or 1-800-847-9367 xov tooj Yog koj pom muaj abtsi txhaum kev cai, hu rau peb paub. Peb yeej tsis tshaj tawm koj lub npe rau leej twg li.

Tus Xov Tooj Hu Ceev Thaum Muaj Dej Phwj: 1-800-943-0003 xov tooj

Muaj Kev Pab Cuam Ua Ob Hom Lus Drinking Water & Groundwater Program

101 S. Webster
P.O. Box 7921
Madison, WI 53707-7921
(608) 266-1054

Yog koj xav paub ntxiv mus rau dnr.wi.gov, sau rau haus los lus search: Drinking Water

Roog Tsav Xwm Saib Xyuas Txhua Yam Uas Lub Ntuj Tsim Muaj Ntawm Wisconsin yuav muab kev muaj vaj huam sib luag hauv nws li kev ntiav haujlum, phiajxum, kev pab cuam thiaj kev ua haujlum raus li Tsab Phiajxum Kev Nqis Tes Ua Uas Lees Txais (Affirmative Action Plan). Yog hais tias koj muaj lus nug dab tsi, ces thov cau sau ntawv mus rau: Equal Opportunity Office, Department of the Interior, Washington, D.C. 20240 (Lub Tsev Ua Haujlum Fab Kev Muaj Vaj Huam Sib Luag, Roog Tsav Xwm Saib Xyuas Hawv Teb Chaws, Washington, D.C 20240).

Qhov kev tshaj tawm no muaj ua ntau hom rau xaiv (daim ntawv luam tawm loj loj, Braille, suab lus kaw, thiaj lwm lwm yam) raus li kev thov. Cau hu rau (608) 266-1054 txhaum kom paub xov xwm ntau ntxiv.



PUB-DG-072 2017

