Here's what I thought we could put together for ‘homework’, please comment.

  How water works - 10-15 min

           Hydrologic cycle

Video: Our groundwater connection – from 1.0 to 2.0 (need to fine tune) <https://www.youtube.com/watch?v=gxENTkMmyEE>

2) Info on of climate change and water could be added before the "groundwater as part of the system", since some of the “How water works” is in the pre-meeting materials and discussion.

Video: How GW moves in karst – 2.55 min <https://www.youtube.com/watch?v=vAOcqHgwTfg&list=PL8pqzQfMH1BgX_AIw4TXhmF6Ogcl-8_Fm&index=4>

           Basin, watershed, etc

Folks often ask me "what is a watershed”? They do not know Woodbury is primarily served by the South Washington Watershed District, a small northwest corner by the Ramsey Washington Watershed District, and a small northeast area by the Valley Branch Watershed District.  Cottage Grove is South Washington Watershed District.

<https://www.pca.state.mn.us/metrowater> - Map and watershed info

           Groundwater as part of the system

Video – how pollutants move in SE MN: 6:55 min <https://www.youtube.com/watch?v=YnGeE_gxM04&list=PL8pqzQfMH1BgX_AIw4TXhmF6Ogcl-8_Fm&index=3>

1) Maybe as the pre-meeting reading  & discussion we can have info. that 1 Tbs salt on ground to fight ice can permanently pollute 5 gallons of river water, because salt as well as yard clippings, fertilizer and pesticides all go into the stormwater system to the Miss. R. , bypassing treatment facilities.

  Local water issues - 15 min (overview, resources)

           "3 Waters” 1) where drinking water comes from (we are the Jordan, St. Paul is surface water), and 2) where Woodbury-Cottage Grove area storm water goes (untreated  to the Miss. River, some goes to St. Croix River first) and where our waste water goes (treatment, then Miss. River), and  that due to sewer separation, they go their separate ways.

Video – what age water are you drinking? 2 min. <https://www.youtube.com/watch?v=beUFrJu0Hjc&list=PL8pqzQfMH1BgX_AIw4TXhmF6Ogcl-8_Fm&index=3>

Stormwater video from Australia: <https://www.youtube.com/watch?v=BliZY3k_u1w>

Metro plant: <https://www.youtube.com/watch?v=b-EdqCvK6Z0> @ 3:34+

PFAS

           What else? - need help here

3) Water conservation importance in Minnesota.

  Dealing with water in the MN Legislature - Jim's committee - 5 min

  Bills in legislature now dealing with water - 20 min

           Jim will walk through these, explain them

  Questions/discussion - 10 min

The social time can be used for the 'how water works' bit, let folks know that they can join in early for this if they wish.    -g.