

Meeting Notes Spring 2022 GW Monitoring Council Meeting

April 12, 2022

Dick Ehrman, LPS NRD

Water sustainability fund grant - \$250,000 project 3-D hydrogeologic framework 2-year project
WHPA studies – Raymond, Ashland

Amanda Osborne, UIC

Class I permit issued for NPPD Gerald Gentleman's Station near Sutherland; construction not yet started

Split sampling with Crow Butte near Chadron as part of their restoration project

Dave Rus, USGS

Sampling in Papio NRD and Ashland

New study on arsenic in Platte river alluvium related Lincoln water system

Talks NDEE to connect water quality portal (national water quality dataset) and clearinghouse data

Tom Mountford and Daryl Anderson, LPNDRD

Water quality sampling Wahoo, Shell Creek

Katie Cameron, ENWRA

3-year grant for making regional recharge map, USGS CSD partnering on grant

Arsenic hits near Ashland near Lincoln wells

Ginny McGuire and Mikaela Cherry USGS

Sampling of Papio NRD sampling some of ENWRA wells and rest of Papio wells this summer

Missouri alluvial aquifer sampling this upcoming summer for 4 years, expanding number of wells also

City of Lincoln arsenic and stable isotopes of both surface and ground water around production wells

Dylan Vogt, JEO

DW protection management plans - Tekamah, Waverly and broken bow

WHPA plans Ashland, Wahoo David City Plainview

GW Management plan update for Upper Loup NRD

Colleen Steele, UNL Clearinghouse

<https://clearinghouse.nebraska.gov>

Currently putting in 2020 data

Courtney Widdup, CPNRD

Sampling this summer in eastern portion of the district, approximately 150-250 wells

Tyler Naprstek, LLNRD

Water sustainability fund grant to collect AEM data around Fullerton to determine extent of aquifer

Water isotope study with Dan Snow in Phase II area northeast of Bartlett to determine if nitrate sources are organic or commercial fertilizer

Follow-up to Area 30 study to look at residual soil nitrates in vadose zone, age-dating to determine the source of the nitrogen

Report out on nitrogen application recommendations to landowners in three higher phase areas based on previous year field data