Como Regional Park: Proposed DNR Observation Well Nest 1/11/2022

DEPARTMENT OF NATURAL RESOURCES

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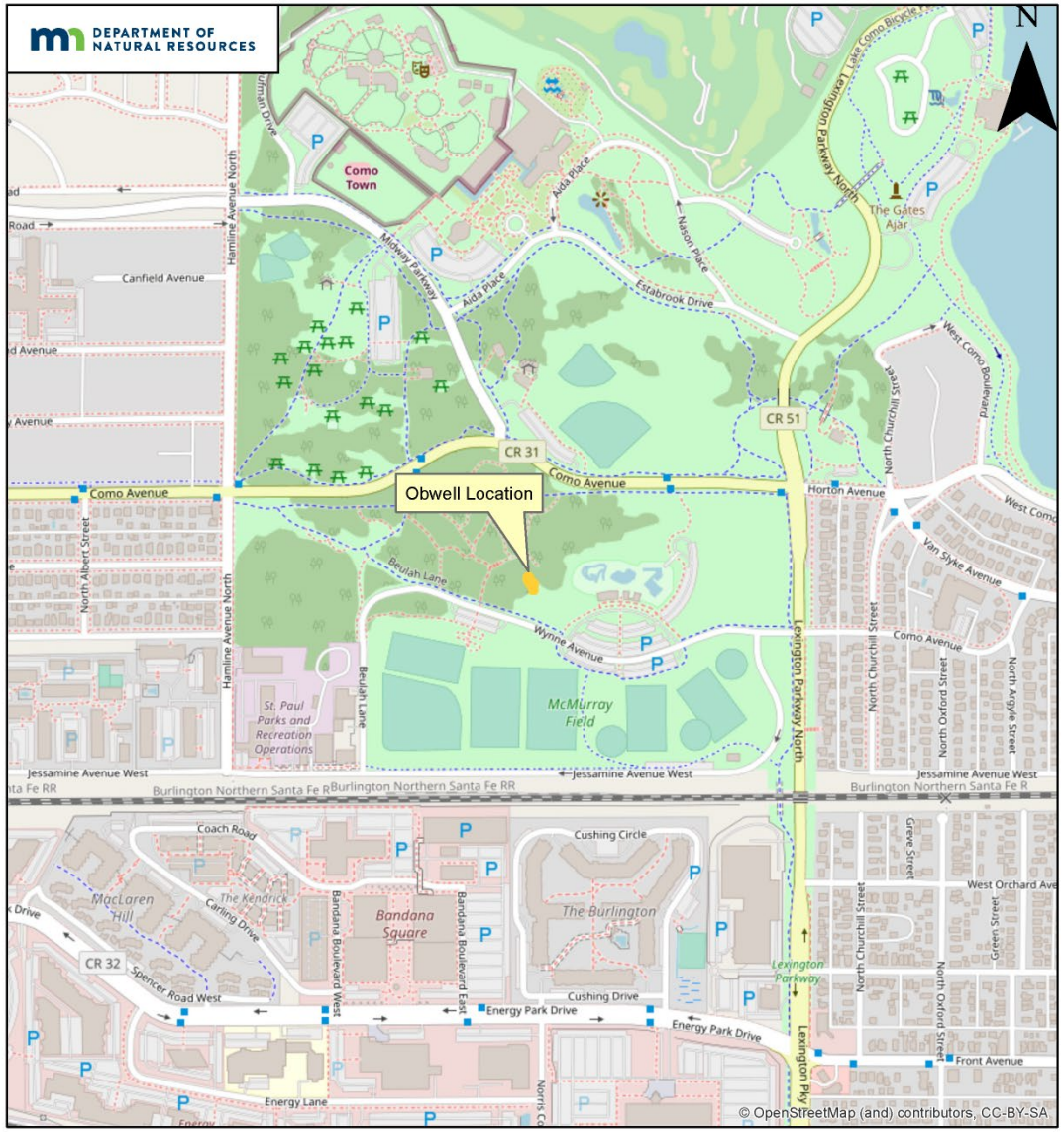
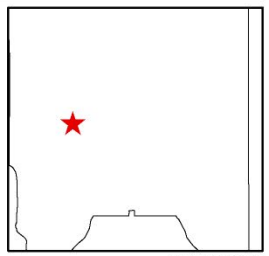
Future Well Nest Location



Proposed DNR Observation
Well Nest Location
Como Regional Park, Saint Paul



Proposed Well Nest Location

0 360 720 1,440 Feet

3/15/2021

- The Minnesota Department of Natural Resources (DNR) will install an observation well nest in Como Regional Park this winter. This well nest will provide the DNR, City of Saint Paul, and the public with decades of high quality water level data for several of the most important aquifers in the area, allowing a better understanding of the water resources in the area.
- DNR will pay for all costs including installation, maintenance, and sealing costs, as well as provide all project management and oversight for the project.
- The location shown to the left is roughly 200 feet west of the Como Regional Park Pool facility and 160 feet north of Wynne Ave

Future Well Nest Location

Proposed DNR Observation
Well Nest Location
Como Regional Park, Saint Paul

Como Regional Park
Proposed Well Nest Location

0 50 100 200 Feet

3/15/2021

Proposed location, facing northwest

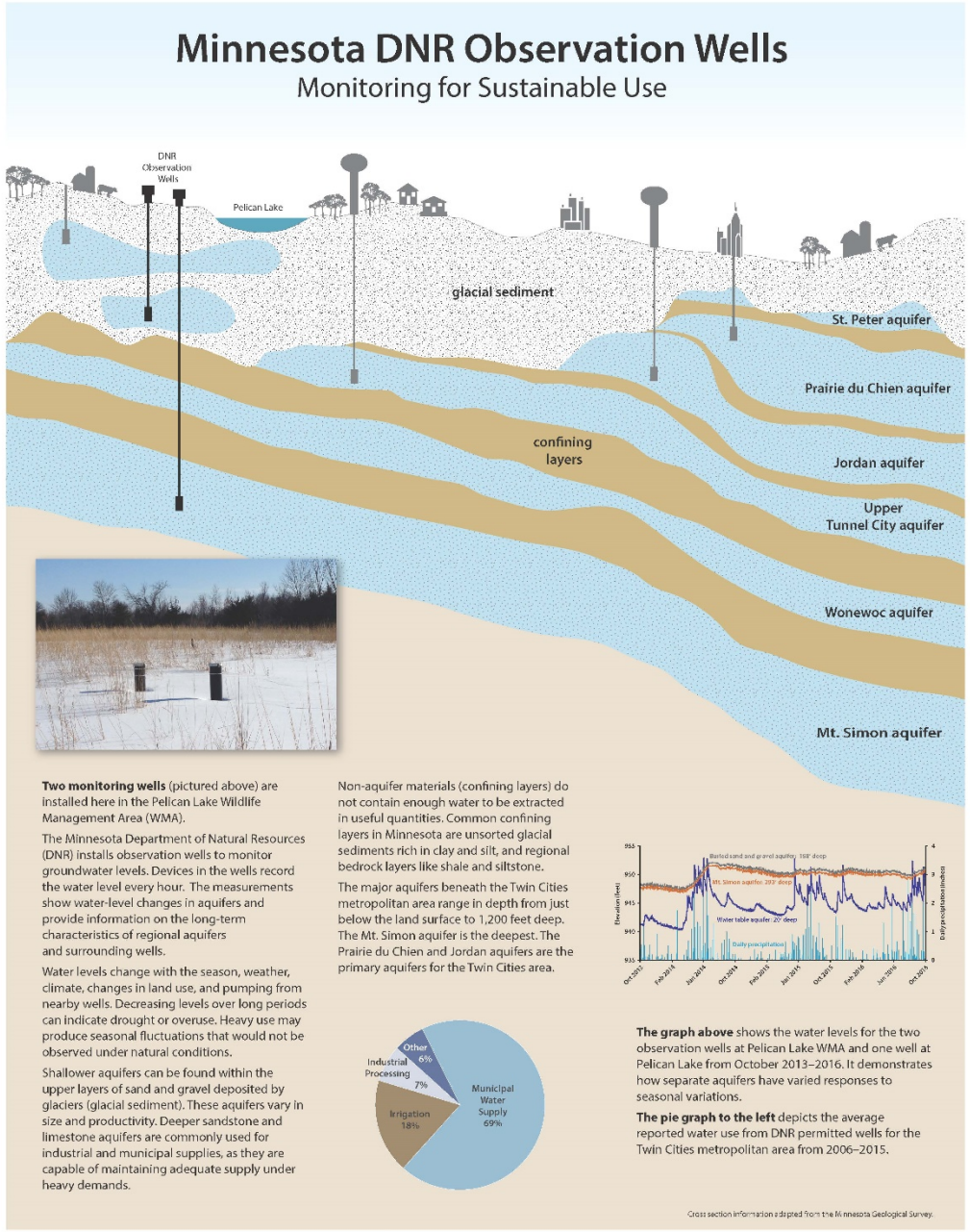
DNR Well Nest Examples

DNR nest of 4 observation wells in Solomon Park, on Minneapolis Parks and Recreation Board property. Each well is completed at the surface with a 10 to 12-inch diameter, 2 to 3 foot high locking protective casing. Total footprint is roughly 2 feet by 30 feet.

- The Como Park well nest will contain 3 different groundwater observation wells
- Each well measures water levels in a different aquifer
  - DNR has hired a drilling contractor to install two wells monitoring deeper bedrock aquifers, including the Prairie du Chien and Jordan aquifers. Data from these aquifers may be useful in assessing long term trends in groundwater and their impact on surface water bodies in the area.
  - DNR's drilling crew will then install a shallow well monitoring the Water Table Aquifer. This well may be useful for assessing the relationship between shallow groundwater and surface water bodies such as Como Lake and wetlands in the area.

Interpretive Sign

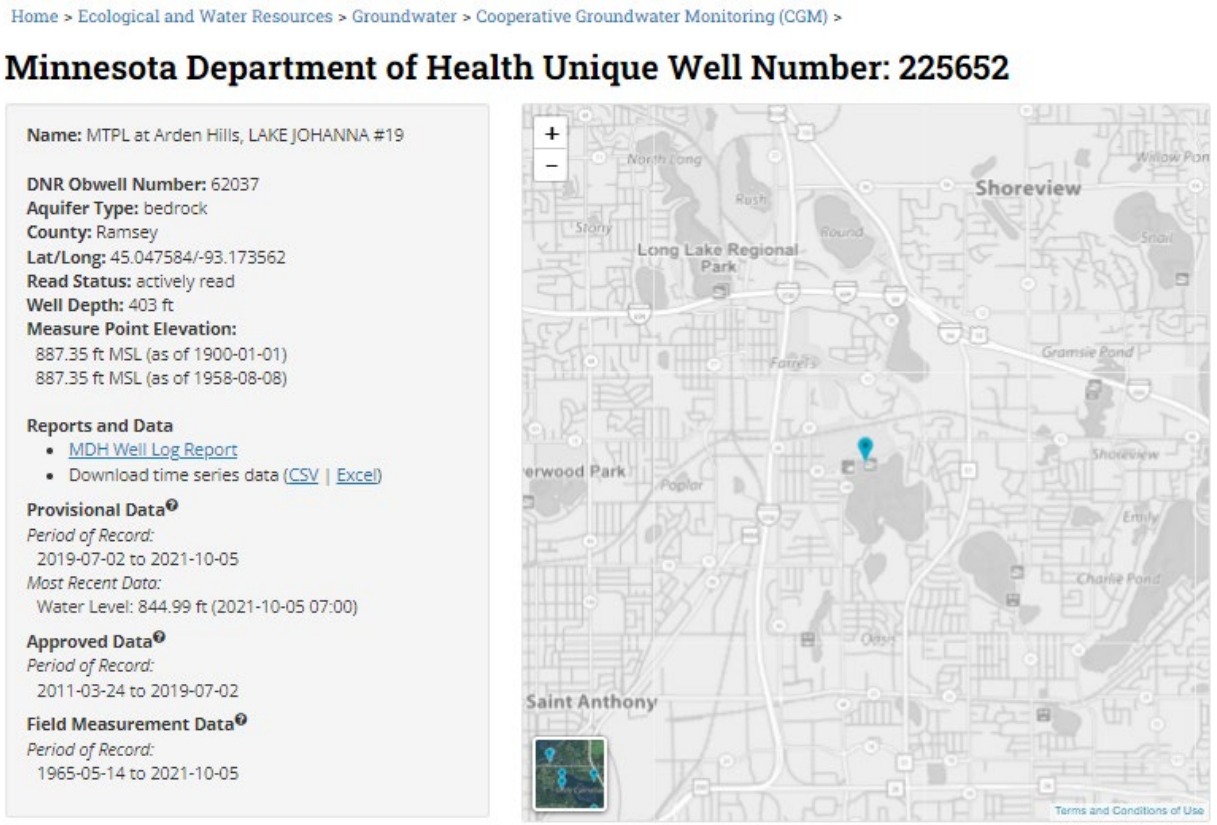
- DNR will be installing an interpretive sign within 2 years of installing the wells
  - Allows us to include an example graph of water levels at the site



DEPARTMENT OF NATURAL RESOURCES
Ecological and Water Resources Division

CLEAN WATER LAND & LEGACY AMENDMENT

Cooperative Groundwater Monitoring Website



- DNR will install data loggers in each well
- Water level data is available to the public via the DNR's Cooperative Groundwater Monitoring website:

https://www.dnr.state.mn.us/waters/cgm/index.html

Questions or comments?

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