

**MADISON METROPOLITAN SEWERAGE DISTRICT  
PUBLIC INFORMATION MEETING/DESIGN CHARRETTE  
PUMP STATION 17 FORCE MAIN RELIEF PHASE 2  
February 23, 2022  
Minutes and Meeting Summary**

A public involvement meeting was held online via Zoom at 5:30 pm on February 23, 2022. There were approximately 36 members of the public in attendance. The presenting project team members were Rachel Feil (Madison Metropolitan Sewerage District) and Kevin Lord (MSA Professional Services).

The meeting began with a project overview and presentation by Rachel Feil. Kevin Lord then shared information regarding project specifics and the four route alternates. Project considerations were presented and select considerations were detailed further via a matrix. An overview of next steps with anticipated field investigations and the estimated schedule were communicated. The public feedback form, the project webpage, and project team contact info were shared.

After the presentation, the meeting was open to questions from the public. The following is a summary of the key questions answered.

1. **Question:** Routes 1 & 2 follow the Ice Age Trail from their start to the Military Ridge Trail. Would construction of those routes necessitate closure of the Ice Age Trail, and if so, for how long?

**Response:** If Alternate 1 or 2 are selected, the project does not anticipate a hard closure of the Ice Age Trail but does anticipate needing to detour for a period. MMSD would work with the Ice Age Trail on detour options. It is still too early to know details, but Rachel illustrated a few different options for detours.

2. **Question:** There is a major construction project being considered at the South end of Goose Lake to improve drainage, specifically replacing culverts. Would this be done in conjunction with the MMSD project, and thereby save the public money?

**Response:** MMSD's project purpose is conveying sanitary water not stormwater but would consider opportunities to work with municipalities on projects to minimize repeat disturbance. MMSD stated they are aware of a stormwater study completed in the Goose Lake area. All parties need to be on-board for a partnership and that the municipality to have things lined up. Currently MMSD is focused on route selection but will consider potential opportunities later.

3. **Question:** Do you anticipate a permanent trail for maintenance access along the chosen route?

**Response:** MMSD indicated Phase 1 did install a trail from South Main Street to behind Arbor Vitae Place. MMSD is aware the the City of Verona is interested in possibly extending this trail at some point. This would require a partnership between the City and other user groups. Once a route is

selected, MMSD is open to considering the possibility. May be a good topic for a future public meeting.

4. **Question:** Have you thought about plans for restoration of the wetland and other areas along Badger Mill Creek after the project is done?

**Response:** Yes, at a high level right now. The intent would be to restore the wetlands to the character of what it is like today, following DNR requirements. MMSD has experience restoring disturbed wetlands on previous projects.

5. **Question:** Thanks for having the meeting. How often would the sewer pipes need to be replaced? Have they leaked before?

**Response:** MMDS designs sewers for approximately 50 years. Pipes do last longer than that on average. Sewer pipes are watertight, do not anticipate concerns.

**Response post-meeting:** There has been no history of leaks on the existing active forcemain.

6. **Question:** Will all four alternatives that are proposed serviced the same urban service area needed for future development in the Verona area? What is the proposed area of this expanded urban service area?

**Response:** Some of that information can be found online via MMSD's GIS service area map. All alternates would serve the same service area with the addition of alternate four having the potential to serve a larger service area because of that gravity component.

7. **Question:** We understand that equipment will be in a fenced enclosure in the west currently unused portion of the Badger Prairie Community Garden. First, will the construction crews have to come thru our access gates along Old PB and if so, do the plans vary in how much traffic the parking lot will experience?

**Response:** It is too early to discuss the staging area with certainty about details as a route has not been selected. There is a potential for a staging area off Old PB. MMSD would consider the gate but could also look at other options and would work with the Garden Community for amenable access.

8. **Question:** Will there be a hydrology groundwater flow survey to measure the impact on the oak trees in the Military Ridge Reserve?

**Response:** There are no plans currently to any hydrology studies, as the scope is sanitary sewer based.

**Response post-meeting:** The District will seek an arborist recommendation how to best preserve these trees, including temporary dewatering impacts.

9. **Question:** Will Arbor Vitae Place be used as an access point for construction?

**Response:** That would likely not be a main entrance, but it is a little too soon to say. Since that is a residential street, MMSD would like to try to avoid that area as a main entrance.

10. **Question:** Who will ensure that the trees in the Military Ridge Reserve are not impacted by groundwater changes?

**Response:** MMSD does have an arborist on the project team that will provide recommendation on how trees can be protected during construction. MMSD also has a landscape architect on the design team who can monitor trees as needed during construction.

11. **Question:** Will you send a copy of the presentation so I can share it with the Town Board?

**Response:** Everyone on the email list will get a link to a recording of this presentation in the next day or so, which you can then share. This presentation is currently livestreaming and will be available on the District's YouTube page.

12. **Question:** Would the District be willing to work with the County or City of Verona to improve the native plant areas along the route overall during restoration?

**Response:** This is something MMSD would be open to considering. MMSD has experience doing this on previous projects. Acknowledged Phase 1 work involved invasive species removal, some of the route alternates currently have invasive species. Can be looked at in closer detail once a route is selected.

13. **Question:** Can you ensure the routes of 3 and 4 be far enough away from the tree line North of Arbor Vitae so there is no impact on tree health? The diagram shows very near the tree line; could it be moved more westerly and still be far enough away from Badger Mill Creek?

**Response:** Reminder that these are just lines on a drawing, field surveys will be completed, and data will be brought into the design. Arborist will make recommendations on buffer distances, how to protect those trees, and what needs to be done during construction. MMSD has experience working in close proximity to trees on previous projects.

14. **Question:** What is the best way to submit individual landowner questions besides this public forum?

**Response:** Reach out to Rachel at MMSD.

15. **Question:** Will alternates 1 and 2 closely parallel the existing sewer berm that the Ice Age Trail is located on?

**Response:** These lines may shift slightly as we get into the design, so that is unknown at this point. Surveys will help to answer this.

16. **Question:** What effect will this have on animals living in the Military Ridge Reserve?

**Response:** Rachel will circle back with an answer. Noted that the construction will be temporary, pipe to be located below ground and area above will be restored. Kevin noted that whichever route is selected will be permitted thru the WDNR, who will have certain regulations on times of the year work can be done, etc.

**Response post-meeting:** As shown, Alternate routes 3 or 4 have limited construction in the Military Ridge Reserve (northwest corner only). As noted, the project will complete a WDNR endangered resources review. In the review, the WDNR will recommend and required measures for conservation. All measures will be reviewed by the project team. The measures could potentially entail planning construction timeframes when identified endangered species is not vulnerable, modifying the route to avoid areas, or completing field population surveys etc. We will work with the WDNR in limiting disturbance as we have on previous projects.

17. **Question:** Once constructed what is the nature of and frequency of maintenance required?

**Response:** The force main manholes (select locations) are on a schedule to receive quarterly inspection. Maintenance would be similar to the existing active force main.

18. **Question:** What is the long-term capacity of Nine Springs wastewater treatment plant?

**Response:** Rachel will circle back with an answer.

**Response post-meeting:** In general, the plant is running at about 75% design capacity. Many plant projects have been completed over the years to expand capacity, recently the Nine Springs Liquid Processing Improvements Phase 1 was completed in 2021. Projects are planned and implemented as needs arise.

19. **Question:** Will the clean water return at the Badger Mill Creek Effluent outfall continue?

**Response:** The treated effluent water is not part of this project. This project is to send sanitary water to the wastewater treatment plant.

20. **Question:** Why not put sewer down the existing Military Ridge corridor?

**Response:** That would result in a long-term closure/detour to the Military Ridge Trail, which trail users would be disrupted. Construction would be challenging in terms of excavation where the Trail goes under Hwy 18/151.

21. **Question:** Will the water taken from this force main be returned to that watershed via the Badger Mill Creek Outfall?

**Response:** Yes, as far as I know.