

Wednesday  
December 19, 2022  
10:00 a.m.



Council Chambers  
7401 Meyer Road  
Spring Grove, IL, 60081

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## Village of Spring Grove - Public Works Committee Special Meeting Agenda

NOTICE IS HEREBY GIVEN that the Village of Spring Grove Public Works Committee will hold a Special Meeting on Monday, December 19, 2022, at 10:00 a.m. in the Council Chambers at the Village of Spring Grove Municipal Centre, 7401 Meyer Road, Spring Grove, Illinois.

The agenda for the meeting is as follows:

1. Call to Order
2. Public Comment
3. Discuss Wastewater Treatment Plant
4. Adjournment

MINUTES OF A SPECIAL PUBLIC WORKS COMMITTEE MEETING  
OF THE VILLAGE OF SPRING GROVE  
DECEMBER 19, 2022

Council Chambers, Spring Grove, Illinois, December 19, 2022; a regular meeting of the Public Works Committee was held this date at 10:00 a.m., at the Municipal Centre, 7401 Meyer Road; Chairman Pat Mazzanti presiding.

**Call to Order.** The following committee members were present: Chairman Pat Mazzanti, Members Mike Gajewski and Mike Lee – 3. Absent: none. Also present for the Village were: Bob Walczak, Building & Zoning Officer; Jason Loring, Public Works Crew Leader; and Kelly Popelka, Deputy Clerk.

**Public Comment.** *Chairman Mazzanti opened the meeting up for public comment.* Public comment was closed as no one from the public was present.

**New Business**

**Discuss Wastewater Treatment Plant.** In attendance were Rick Leber, Ryan Christensen and Paul Ruscko from Robinson Engineering. Mr. Leber updated the committee on the history of the wastewater treatment plant. The plant was built in 2002-2003, is 20 years old and is reaching its life expectancy and capacity. At the time, this type of plant, a fixed film plant, was recommended for our use. Experience now shows that this type of plant is not conducive to midwest winters as the bacteria slows down too much in the colder months. There are other communities in the midwest that have had these plants and have since updated them or replaced them. The plant is exceeding ammonia limits and the attempted treatment solutions are not working. Additionally, there will phosphorus regulations we will have to comply with so that needs to be part of future planning and budgeting.

In response to questions of the committee, Mr. Ruscko feels that stormwater infiltration is not the reason for the high ammonia levels. The system is designed for wastewater to spend time in different phases, the stormwater rushes the wastewater through the system too fast, therefore it is not being treated properly and contributes to the problem. Stormwater infiltration is a problem in all systems and a future plant will account for that. Mr. Leber informed the committee that so many parameters have changed since the 2007 study that it is no longer valid.

Mr. Leber confirmed that submitting a plan that only addresses the immediate concern of the ammonia and/or taking action that only rectifies the immediate concern of the ammonia will not satisfy the IEPA. IEPA, according to Mr. Leber, will be looking for a comprehensive plan addressing the current and future issues.

Mr. Christensen outlined some immediate maintenance issues needing attention. The final clarifier drive needs to be refurbished, parts have been located and that cost will be \$15,000 as opposed to \$50,000 for a new one. This cost has already been approved and the drive is being fixed. Mr. Christensen noted that the ammonia levels were high before the drive stopped working. There are also immediate safety concerns with some electrical wiring and components that need to be fixed at a cost of about \$30,000-\$40,000. Robinson will be submitting estimates for immediate repairs necessary in the next week or so.

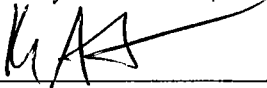
Robinson Engineering will submit a revised bid to complete a study and present options for the future of the wastewater treatment plant to the committee and immediate steps needed to answer the current IEPA

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concerns. The anticipated cost of this study will be approximately \$40,000. Robinson expects the IEPA to require a Facilities Planning report which will include options including updating the current plant, building a new plant or sending sewage to a neighboring community. Mr. Christensen is waiting for a response from the IPEA to his last request (expected in first months of 2023). At that time they will submit the revised bid to address IEPA concerns.

**Adjournment.** There being no further business, Chairman Mazzanti moved, seconded by member Lee to adjourn the meeting at 11:24 a.m. All ayes, motion carried.

Respectfully Submitted,



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Kelly Popelka, Deputy Clerk