

LAKELAND SANITARY DISTRICT NO. 1

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AMENDED - NOTICE OF MEETING

TITLE OF GROUP MEETING: LAKELAND SANITARY DISTRICT NO. 1

PLACE: LAKELAND SANITARY DISTRICT NO. 1 OFFICE
8780 MORGAN RD.
MINOCQUA, WI 54548

DATE: OCTOBER 26, 2021

PURPOSE: REGULAR MEETING

TIME: 4:00 P.M.

AGENDA:

1. CALL MEETING TO ORDER.
2. APPROVAL OF 10-26-21 AGENDA
3. APPROVAL OF 9-14-21 MEETING MINUTES
4. MSA FACILITY PLANNING UPDATES – PAT MORROW TO PRESENT
5. APPROVAL OF SEPTEMBER & OCTOBER CREDIT CARD STATEMENT/ SEPTEMBER & OCTOBER BILLS & PAYMENTS
6. SIGN CHECKS/PAY BILLS
7. INFORMATION/CORRESPONDENCE

TIME OF POSTING: OCTOBER 25, 2021

**NAME AND TITLE OF PERSON
DIRECTING THAT THIS NOTICE
BE POSTED:** TOM WIPPERFURTH
PRESIDENT

Upon reasonable notice, efforts will be made to accommodate the needs of the disabled individuals through appropriate aids and service. Contact the Lakeland Sanitary District @ 715-356-4454.

NOTICE OF MEETING.doc

LAKELAND SANITARY DISTRICT NO. 1

Regular Meeting

October 26, 2021

Present: R. LaPlante, T. Wipperfurth

Absent: M. Killian

Others: W. Peters, J. Benson, B. Strasburg, Pat Morrow – MSA Engineering, Trevor Greene – Lakeland Times

The meeting was called to order by President T. Wipperfurth on October 26, 2021 at 4:00 P.M. All public notices have been posted to meet with the open meeting law and the building is accessible for the handicapped.

Approval of Agenda 10-26-21: R. LaPlante made a motion to approve 10-26-21 agenda. T. Wipperfurth seconded the motion. All in favor, motion carried.

Approval of Minutes 9-14-21 Meeting: R. LaPlante made a motion to approve the minutes for the 9-14-21 meeting; T. Wipperfurth seconded the motion. All in favor, motion carried.

Agenda Item #4: MSA Facility Planning Updates – Pat Morrow to Present: P. Morrow was present to update the board on how the wastewater treatment plant facility upgrade planning was going. He went over his hand-out and the highlighted items they have been working on and going through for the facility planning. As an overview, the facility upgrade planning is needed since our treatment plant was getting over loaded with septage. Our ditches were getting overloaded with bacteria, they kept growing but the food source was not enough because the plant was unable to waste enough septage through our ATAD and presses causing a bottle-neck effect.

He talked about how MSA has done site walkthroughs with process/mechanical and electrical engineers and that more will occur in November. Condition, capacity and performance assessments of existing equipment and processes occurred and are ongoing. P. Morrow explained that MSA has completed evaluations of the influent flow and loading for the last 5 years as well as completing the population projections and the resulting 20-year flows and loadings within the existing facility's design flow rating of 750,000 gpd. They included scenarios of 6%-20% growth over the next 20 years and based upon WI DOA projected or observed growth rates. They evaluated and identified peak vs. non-peak periods of the year and the 20-year design flow remains lower than the existing facility design rating of 750,000 gpd. This should help streamline the DNR's Effluent Limits Determination. This request will be submitted shortly.

P. Morrow also discussed the Infiltration and Inflow (I & I) Analysis in accordance with DNR and EPA criteria. The levels of I & I within the District are non-excessive across all major EPA Criteria. This important piece of the Facility Plan is complete and DNR will not require mitigation. There was discussion on the current ATAD system. He explained that with the original company that manufactured this is no longer in business, making it more difficult and costly to try to replace or rehabilitate the existing ATAD. Currently MSA is working with Thermal Process Systems' Kevin Staton in the preliminary design of a replacement ATAD. They are currently working on the second revision of a proposal, most delays are due to pricing volatility in the materials and equipment markets.

Lastly, P. Morrow discussed that MSA was working on the different options for sludge thickening and dewatering equipment systems. There was discussion about the different sludge thickening processes including Gravity Belt Thickeners, Volute Dewatering/Thickening press and Disc Thickeners. For dewatering they are looking at Inclined Screw Presses, Centrifuges and Belt Filter Presses. There was discussion about the different options available and B. Strasburg and W. Peters both agreed that they would not be interested in Centrifuges due to the fact that they are difficult to work on and are noted to have mechanical issues. Both the Gravity Belt Thickeners/Belt Filter Presses and the Volute Dewatering/Thickening Presses are looking like the best options for our wastewater treatment plant. MSA will assemble all information on both of these systems and provide to operations staff as to determine pros and cons for both. It is looking like the pilot equipment will be scheduled to be here in the spring to try out due to timing and weather.

In conclusion, MSA has completed a major portion of the work and was originally scheduled an estimated completion date of December 31, 2021. However, they will need to extend beyond December into the Spring. They are on budget and pilot testing efforts to confirm performance and technology selection will need to occur this spring/early summer.

The Board thanked Pat for his presentation update and all the work going into the plant facility planning upgrades.

Agenda Item #5: Approval of September and October payments and credit card

statements: T. Wipperfurth and R. LaPlante both questioned why two check numbers (604 & 605) were skipped in the October check register. J. Benson explained that these two checks had not been posted the previous Monday, that is why they did not show up on the register. They were posted this Monday with the rest of October's checks. J. Benson showed an updated check register reflecting this. T. Wipperfurth questioned the payment made to LW Allen and what the work done was for. W. Peters explained that this was work done in the clarifier building, they work on our electronics and VFDs. T. Wipperfurth requested J. Benson print out the financial statement sheet once a month for the board members. R. LaPlante made a motion to approve the September and October payments and credit card statement, T. Wipperfurth seconded the motion. All in favor, motion carried.

Agenda Item #6: Sign checks/ pay bills

Agenda Item #7: Informational/Correspondence: W. Peters informed the board that the manhole in front of the Aqua Aire Hotel on USH 51 has been repaired and that HK Solutions did great work. The road repair done from the watermain break on USH 51 in 2020 in front of Minocqua Auto & Tire has been completed as well. W. Peters told the board that both the 2017 and 2019 Ford F250 trucks are in need of new tires and that we are scheduling this to be done. There being no further business, the meeting was adjourned at 4:46 P.M., on a motion by T. Wipperfurth, seconded by R. LaPlante.

Clerk:

