#### City of Montello

#### Public Works Meeting

11/10/2021

6:30 P.M.

**Called to order by Ken Streich at 6:30 pm**

Members Present: Ron Knutson, Ken Streich, Brian Schrimpf

Members Absent: Sue Kozlowski

Others Present: Mike Kohnke, Mayor Jim Houdek, Chris Pearson

**Approve Comp Time/Monthly Reports**

* Discussion on working with Village of Westfield for road patching and manhole sealing with mastic machine – Everyone worked great together and the sharing of man power and equipment help save both municipalities time and money.
* Discussion on snow removal equipment.
* Motion by Knutson/Schrimpf to approve comp time & monthly reports. Motion carried.

**Old Business**.

1. Discussion with possible action on 3M recycle center operations
   * Old Shed at recycle center was falling apart & has been torn down. Mecan & Town of Montello met & agreed to purchase a new shelter. 3M account has money in it to purchase. Committee agreed with purchase out of the 3M checking account.
2. Discussion with possible action on Montello Lake Boat Landing
   * Project was done in June of 2020, engineered by Pat Kilby (who engineered most boat landings in county). New landing is the same length as the old, ramp lowered by 14.1% - which added 1.5- 2 feet of depth to the end. The lake is not deeper further out. Main issue is the hump behind the ramp which is caused by boats power loading. City is installing a “no power loading” sign. City will also have the hump caused by power loading flattened out, however currently only one company holds the permits to be able to do the work according to DNR standards & they are currently busy.
   * Discussion on options – possibility of digging that part deeper – DNR mandates state city is not allowed to remove anything from the lake, so dirt will have to be pushed from side to side.
   * Chris Pearson has home on lake – stated was able to get pontoon on lake before new launch was put in & now cannot. Also stated he was at the launch when the project was done & after it was finished, he went into the lake and filled a hole he stated was left by the company. Feels that if the concrete were further back, he would be able to get his pontoon in.
   * Discussion on amount of concrete used for new landing, elevations, and engineering.
   * Discussion on lake levels and dam operations.
   * Kohnke stated dam operator complies with DNR levels and that boat landing was professionally designed deeper and longer than previous landing.
   * Discussion on rock pile behind landing. DNR mandates city cannot remove anything from the lake – will use a bucket to push the pile from side to side once company is available.
   * Pearson suggested adding 8 feet of concrete to the landing.
   * Discussion on permits and design, and depth of lake

**New Business:**

1. Discussion with possible action on 2021 WWTP Phosphorous Removal Report

Per the city’s DNR wastewater discharge permit the amount of phosphorous being removed from the water going out to the fox river must be reduced from current levels of 1.0mg/L to .40mg/L.

* + Discussion on pilot of rare earth chemical for phosphorous removal in sewer plant – successful, but more expensive than current chemicals. Does reduce amount of sludge – so saves on hauling. Discussed permits & cost difference.
  + Discussed other options: adding on to plant at around $1.5 to 1.9 million at yearly payments of approximately $83,000 per year with and additional $33,000 in annual operating costs or water quality trading with landowners which will require either a hiring of more personnel or an outside source to do the required work. The total 20 year present worth could exceed $1 million. Both options are more costly than rare earth, city won’t pursue unless absolutely necessary.
  + Discussion on how the Fox River watershed works & that most of the phosphorus levels in the watershed come from other sources like erosion and fertilizers.
  + Discussion on statewide MDV (multi discharge variant): fee charged to city when over target level of phosphorus at sewer plant. $50.00 per pound over.
  + City can use rare earth chemical to keep levels low enough most of the time to not have to pay extra and it will give the buffer it needs to only pay fee when/if over limits.
  + City can achieve target levels at all times in permit with chemical treatment, but with the cost of chemicals being higher than what is being paid now, it is a cheaper option to lower amounts of chemical levels and pay the MDV if limits exceed permit. Estimated annual costs for the MDV would be around $7k-$8k
  + Discussion on MDV and qualifications. Have to apply for MDV, but appears to be eligible
  + Discussion on chemical costs rising.
  + MDV money goes to DNR and county & can only be used for specific expenses reasons like erosion control mitigation.
  + Discussion on how city tests the amount of phosphorus in the WWTP and the fox river.
  + Motion by Schrimpf/Knutson to accept 2021 WWTP Phosphorous Removal Report. Motion carried.

1. Motion by Knutson/Schrimpf to CD $10K from account 53100-230 (Street Maintenance).
   * Motion carried.
2. Motion by Knutson/Schrimpf to CD $5K from account 53100-240 (Vehicle Repairs and Maintenance)
   * Motion carried.
3. Motion by Knutson/Schrimpf to CD $10K from account 53100-814 (Heavy Equipment)
   * Motion carried.
4. Motion by Knutson/Schrimpf to CD $7K from account 53710-390 (DAM)

* $7k instead of $10k this year because inspection was paid out of this account this year.
* Motion carried.

1. Motion by Knutson/Schrimpf to CD $8K from account 53430-350 (Sidewalk Replacement)
   * Motion carried.

### Citizen Comments: None.

**Next Regular Meeting**: 12/8/2021

Motion by Schrimpf/Knutson to adjourn. Motion carried at 7:25 pm

Minutes by Marie Puterbaugh