



CITY OF MANITOWOC

WISCONSIN, USA

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To: Public Infrastructure Committee

From: Chad Scheinoha, Operations Division Manager

Re: 19-0748 Maintenance of Storm water Pond on the end of Deerbrook Lane

There has been a lack of maintenance performed at the Deerbrook Lane Storm water pond. Based off of Matt Smitts previous e-mails, this pond and others are delinquent on taxes. The LLC that owns them is not active in any maintenance efforts. The pond takes storm water from city streets. Current contracted maintenance costs for 2018 for the existing ponds that the city owns was \$16,251.00. City crews also cut grass on any street frontage at an estimated cost of \$2,025.00 and also maintain outfalls after large rain events at an estimated cost of \$1,620.00 annually. This averages out to about \$19,896.00 total or \$2,210.67 annually per pond, for the 9 active city owned ponds. There may also be other costs associated that are unforeseen. Currently there is an alteration in process for the S 10th street pond for \$83,000.00.

Future dredging will need to be done at every pond in order for these ponds to maintain their effectiveness, and just to maintain flow on our storm sewer system at a bare minimum. This timeline for dredging can vary, however we believe this should get done a minimum of every 30 years, with 20 years being optimal. Flow, sediment, and size, as well as other factors may play a role in this timeline. This puts us at around 2024 for dredging to begin on the first of our 9 ponds. This would likely consist of hydraulic dredging and landfilling dredge material. A verbal conversation with McMullen and Pitz leads us to believe the cost for dredging could be significant.

MMC § 21.080 governs storm pond ownership and maintenance if the pond was constructed after January 1st, 2015. This pond was constructed prior to that timeframe and is currently under private ownership by an LLC.

MMC § 13.050 governs removal of noxious weeds on private property.

I recommend that for the short term and possibly long term, the city begin to maintain the Deerbrook Lane pond for noxious weeds as part of the DPI grass cutting route. All other city codes regarding this pond should also be dealt with by DPI and/or engineering's pond contractor. Storm water budget should also be increased by \$2,210.67 for the following reasons:

1. We are already maintaining the weeds through our private property noxious weed ordinance and are not being paid. Eliminating this step would streamline maintenance.
2. All storm water flow coming to this pond is coming from city streets.