

**CITY OF
LADUE**

Public Works

**Meeting Minutes
Ladue Storm Water Advisory Committee
Thursday December 5, 2019 8:00 a.m.**

Chairman Lloyd Palans called the meeting to order at 8:02 a.m.

The following members were present

Lloyd Palans, Jim Adams, Maryann Rober, and Bob Mueller

Also present

Councilmembers Bill Brennen, John Fox and Stacey Kamps; Mayor Nancy Spewak; Anne Lamitola, Public Works Director; Pete Merten, Storm Water Engineer; Mark Koester, Storm Water Engineer; Lori Wrobel, Administrative Assistant

Members of the public present

Ray Potter (13 Midpark), Scott Solsvig (44 Willow Hill), Tony Bommarito (7 McKnight) and Susan Lammert (8 Overbrook)

Adoption of the Agenda

Chairman Palans asked for a motion to approve and adopt the agenda; Ms. Rober made a motion to adopt. Mr. Mueller seconded the motion. All present were in favor and the motion passed.

Approval of the July 3, 2019 meeting minutes

Chairman Palans pointed out revisions to the minutes and requested a motion to approve them as amended. Mr. Mueller made a motion for approval. Mr. Adams seconded the motion. All present were in favor and the minutes were approved as amended.

*Storm Water Management Program/2019 Five Year Implementation Program.
Project status update*

Stormwater Engineer Pete Merten gave an update on the following:

Deerfield-Wakefield Stormwater Infrastructure Project (1601.01):

Clark and Wendy Wolfsberger, 41 and 47 Deerfield, made an offer for the City to purchase the properties. This option could create an alternative for HR Green to re-evaluate creation of a regional retention basin that would drain into the existing sinkholes. The current alternative leaves 41 Deerfield stranded as an island. The City Council authorized an appraisal of the properties. A buyout and amended design would eliminate the need for a tunnel, reduce timing of the project by approximately two years and the construction cost by \$2 million.

Babler Lane Stormwater Infrastructure Project (1602):

A rainfall event in August caused significant flooding. The sinkhole on the Bommarito property filled up resulting in substantial ponding. The cul-de-sac became an open channel and was impassable. This 100' segment may need to be included in the project. This will have a major impact on timing and budget. Stormwater Engineer Mark Koester, lead of this project, will have



information before the March meeting. As indicated at the last meeting, MSD is requiring additional work downstream to address creek erosion problems that would be exacerbated by the project's discharge. The design consultant is conducting an in-depth hydraulic analysis with the goal of alleviating the need to extend the project downstream and get a better understanding of hydraulic performance in the upstream segment; that work is ongoing.

South Tealbrook Drive Stormwater Infrastructure Project(1605):

Two of the required four easements have been acquired. Obtaining the subdivision easement will allow the project to progress without the last homeowner's easement. If necessary, this property can be removed from the project.

Willow Hill-Reroute Along Road Infrastructure Project (1614A):

Easement acquisition is under way, 2 of the required 31 easements have been attained. Public Works Director Anne Lamitola will be requesting that City Council consider hiring an easement consultant to assist in the lengthy process.

Robin Hill Lane - McKnight Lane Bank Stabilization Project(1618)

Easement documents will be completed in the next week. The projected time line to acquire the 10 easements is 6 months.

MSD partnering opportunity: Lindworth Lane Stormwater Infrastructure Project (1601.03):

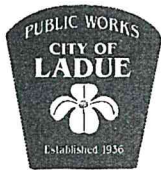
The City has an opportunity to partner with MSD on the Lindworth Lane Stormwater Infrastructure Project (1601.03). MSD has a Tilles Park (12230) Private Inflow Removal & Reduction Project, also located in Lindworth Lane. MSD was agreeable to the possibility of partnering with the City to construct the project. Detailed hydraulic modeling has been performed for a refined horizontal and vertical layout. The project will serve as the outlet to Deer Creek for not only the Lindworth Lane project but for the Litzsinger Lane-Tilles Park Project, and the Deerfield-Wakefield project should an outlet to Deer Creek for it be necessary. The preliminary estimate of MSD's contribution is on the order of \$850,000 out of an estimated project cost of approximately \$1.5-million; the effect is a BCR of 3.33 giving it the number 1 ranking.

Stormwater Engineer Pete Merten is meeting with MSD next Wednesday to share the current concept and hydraulic analysis; and begin to lock-in their contribution. They are looking to get design underway in early 2020 and have it built into their next fiscal year beginning July 1, 2020.

Should a Deerfield-Wakefield tunnel be required, it reduces the tunnel cost from approximately \$2-million to approximately \$1.5-million.

Litzsinger Lane – Tilles Park Stormwater Infrastructure Project (1601.02) update.

The Lindworth Lane Project will serve as the outlet to Deer Creek for the future Litzsinger Lane-Tilles Park Project. Construction of the outlet to Deer Creek in the near term has the effect of reducing the project's estimated cost by approximately \$244,000; and revises its BCR from 0.15 to 0.20 changing its ranking from number 41 to 38 on the SMP Master Plan project list.



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Small Project Storm Water Grant Program

Application #190918-1: Rachel Holtzman #57 Clermont Lane.

Ms. Holtzman is requesting relief from the 3 bid requirement. She has obtained a bid from Hoffman Brothers. She has attempted to acquire more bids but has found this is a sole source. Discussion ensued. Chairman Palans suggested she produce a document stating there is no alternative source of vendor, so bidding is not available.

Mr. Adams moved to approve application #190918-1 be presented to the City Council meeting in December, subject to Ms. Holtzman presenting supporting documents. Ms. Rober seconded the motion. All present were in favor and the motion passed.

Other Matters Deemed Appropriate

Rock Hill Quarry/Old Warson Road #9822 Storm Sewer Project (1901) update.

11 acres of Rock Hill storm water drain across the low point of Ladue owned Old Warson Road and into the Rock Hill quarry causing damage to the quarry wall and the street. The City of Rock Hill and McCarthy Construction are both open to cost sharing but have not committed yet. MSD has no interest in joining in cost sharing. Director of Public Works Anne Lamitola will send a letter to the 30 Rock Hill Quarry shareholders and arrange a meeting with the City of Rock Hill requesting a financial commitment.

Chairman Palans shared that MSD will have a ballot measure in April 2020 asking the voters to authorize borrowing \$500 million to fund wastewater projects moving toward compliance in the Clean Water Act.

The Committee will meet March 12, 2020 at 8:00 a.m.

Ms. Rober made a motion to adjourn the meeting, Mr. Adams seconded the motion. All voted "aye" in favor of adjourning. Meeting was adjourned at 9:15 a.m.

A handwritten signature in blue ink, appearing to read "Lloyd Palans".

Mr. Lloyd Palans, Chairman
Ladue Storm Water Advisory Committee