

**Meeting Minutes
Ladue Storm Water Advisory Committee
Monday June 3, 2019, 8:00 am**

Chairman Lloyd Palans called the meeting to order at 8:00 am.

The following members were present

Lloyd Palans, Maryann Rober, and Bob Mueller

Also present

Councilman John Fox; Anne Lamitola, Public Works Director; Pete Merten, Storm Water Engineer; Mark Koester, Storm Water Engineer; Lori Wrobel, Administrative Assistant

Members of the public present

Dawn and Bill Huffman (Overbrook) and Scott Solsvig (Willow Hill)

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 March 14, 2019 meeting minutes

Chairman Palans asked for a motion to approve the minutes as submitted. Ms. Rober made a motion to approve the minutes. Mr. Mueller seconded the motion. All present were in favor and the minutes were approved.

Public Forum

Mr. Huffman addressed the Committee with several questions answered principally by Mr. Merten.

Mr. Huffman asked if work has been completed on the Deerfield/Wakefield sinkholes as part of the project. No construction work has been performed. GEOTECHNOLOGY has completed a geophysical survey of two sinkholes gathering data for design.

The project concept description posted on the City's website includes pipe installation in Daniel Road out-letting on Mr. Huffman's property in Deer Creek. The concept included in-line detention storage in the pipe run along Daniel Road. The information on the website is no longer accurate. Recently the design consultant has completed their Alternatives Evaluation for the project. The work in Daniel Road is no longer planned since it was found to be infeasible. The current plan is to route an outlet to Deer Creek in a tunnel beneath Oak Bend Court terminating on Litzinger Road Ecology Center property. The current concept is to do the project in three phases. Improvement of the sinkholes and the provision of detention storage is the first phase; second phase is the tunnel; and the third phase is the upstream collection system that includes additional detention facilities.

MSD has a \$10-million-dollar project in the same area as the City's. MSD's concept is to connect to the sinkholes at their bottom. The MSD project has no affiliation with the City's project. The MSD project is unfunded and unscheduled, and considering the failure of the vote last April, is likely to never be built. The City's project concept is to connect to the sinkholes at a higher elevation; the pipe will act as an overflow delaying discharge to Deer Creek until after the

sinkholes have filled. The goal is to have the sinkholes continue to provide detention storage. Discharge from the overflow system will happen after the Deer Creek peak discharge has passed by the outlet.

A "No-Rise" certificate for Deer Creek is required for the project. In order to get a No-Rise certificate, the design consultant will have to indicate that that condition is achieved with hydraulic modeling of Deer Creek for the proposed conditions. Mr. Huffman is skeptical that even if the modeling indicates a No-Rise, it won't actually match what's real.

Overbrook Drive continues to experience road and yard flooding; a condition that has gotten worse with the new construction occurring on the street. Current regulations require new construction to provide Best-Management-Practices (BMPs) to mitigate increases in peak flow. Mr. Huffman indicated that they do not work. The existing single inlet and small diameter sewer located between #21 Overbrook and the neighbor to the east is inadequate and clogs frequently. As a part of the upcoming DC02 & 03 project, MSD has committed to making improvements. Mr. Huffman was asked if he planned on continuing to pursue development of the Small Project Storm Water Grant application currently on file with the City. He asked whether or not the reimbursement amount could increase by the number of property owners participating. The City allows parties to combine their efforts, however the maximum reimbursement remains at \$25,000 for one project. Breaking a project into sub projects does not change the premise that the combination together remains as the same..

Pete Merten shared important information with the Committee. On Friday he met with Rock Hill Quarry located at 1200 North Rock Hill Road. There is slope failure in the Quarry reaching the edge of the pavement on the Ladue Right of way. This is a chronic problem. Water drains from the Rock Hill owned ball field and crosses Old Warson before draining in to the quarry. The quarry is obligated to fix the slope failure, the City is obligated to address the water crossing the roadway. The Director of Public Works will meet with the City officials of Rock Hill. The City Storm Water engineers, Pete Merten and Mark Koester will develop a conceptual plan and determine an estimated budget for discussion with other parties. Discussion ensued; topics included public safety, taking this to the City Council for emergency funds rather than the Storm Water Committee, St. Louis County's responsibility in the matter, and if this would be funded by the Road and Bridge Fund. Chairman Palans pointed out that the Committee uses a systematic and orderly method to rate and determine complaint-based projects and has not previously dealt with urgent projects affecting the general public. This will be a continuing agenda item for the June 27th meeting.

Other Matters Deemed Appropriate

Storm Water Management Program/2019 Five Year Implementation Program.

Committee discussion, revision, and approval of the 2019 Masterplan update in open public session.

Discussion regarding Ordinance No. 2137 Sections 2-323 and 2-326 requirement that "The Storm Water Master Plan be updated at regular intervals, but not less than once every three years..." and that "Each project shall be reevaluated by the Committee not less than every three (3) years." Ms. Rober made a motion to increase the timing between evaluations. Mr. Mueller seconded. Discussion ensued. The Committee assessed the timing of the 2016 Master Plan, and the 5 projects under design. Construction will commence in 2020 with a ten-year financial commitment. 3 years is too short of a time to require this review since the City Council didn't actually approve this ordinance until July 2017. This process could delay current projects.

Chairman Palans called the question, should the committee adopt the amendment to reevaluate each project not less than every (5) five years? All present were in favor and the motion passed.

Ordinance No. 2137, Exhibit B, Paragraph B requires "Each fiscal year a maximum of \$50,000 may be allocated to the Fund to be used for Project(s) approved for the then applicable fiscal year under the Grant Program for the Property Owner(s) whose Project(s) are eligible for reimbursement as set forth in this Grant Program." Should consideration be given to increasing the budgeted funding for FY 2020 for the Small Project Storm Water Grant Program? Ordinance No. 2137, Sec. 2-329 indicates that "The Director may amend Exhibit B from time to time as necessary and appropriate upon review and approval of the Committee."

Thus far in 2019 the Grant program has approved two grants, one in the amount of **\$19,955.78** and a second in the amount of **19,949.60** both from 2019 funds; leaving only \$10,094.62 remaining funds for the grant program for 2019. Several residents have requested packets to apply for the program.

At the next meeting scheduled for Monday, June 27, the committee will adopt a companion resolution to present to the Council increasing the Storm Water Grant Program from \$50,000 to \$100,000.

Mr. Mueller made a motion to adjourn the meeting, Ms. Rober seconded the motion. All voted "aye" in favor of adjourning. Meeting was adjourned at 9:20am.

Mr. Lloyd Palans, Chairman
Ladue Storm Water Advisory Committee