

**City of Wildwood, Missouri**  
**Record of Proceedings**



**WILDWOOD**

**Watershed Erosion Task Force Meeting**

Wednesday, May 10, 2023

Wildwood City Hall, 16860 Main Street, Wildwood, Missouri 63040

**Meeting #34 Minutes**

The Watershed Erosion Task Force meeting was called to order at 6:00 p.m., on Wednesday, May 10, 2023, being hosted at Wildwood City Hall, 16860 Main Street, Wildwood, Missouri 63040, via the Zoom Webinar Platform.

**I. Roll Call of Task Force Members**

A roll call of members was taken, with the following results:

Present: Citizen Members Delanty, Sturman, Patton, Bramman, Holthouse; and Council Members Edens and Farmer

Absent: Citizen Members Bartelsmeyer, Berger, and Donaldson

Staff Present: Interim City Administrator Lee, Director of Public Works Brown, Assistant City Engineer Rahn, Director of Planning and Parks Vujnich, and Senior Planner Newberry,

**II. Welcome and Opening Remarks by Co-Chairs**

Co-Chairs Farmer and Holthouse welcomed everyone in attendance at tonight's meeting.

**III. Approval of Minutes from the January 25, 2023 Meeting**

A motion was made by Member Delanty, seconded by Member Bramman, to approve the minutes from the January 25, 2023 Task Force meeting. A voice vote was taken on the approval of the minutes, with no opposition and one (1) abstention (Edens). The Co-Chairs then declared the minutes approved.

**IV. Public Comment**

None

**V. Presentation On USGS Study In Caulks Creek – Dr. Jessica LeRoy (Study Leader And Study Authors)**

Director Vujnich briefly summarized the ongoing study by the United States Geological Survey (USGS) in the Caulks Creeks Watershed and provided an introduction of Dr. Jessica LeRoy, the leader of the study.

Dr. Jessica LeRoy provided an update to the Task Force Members regarding the ongoing study of the Caulks Creek Watershed. Dr. LeRoy provided a slideshow presentation summarizing several components of the study, including the scope and area of it; hydrologic and hydraulic modeling completed to date; the many factors taken into consideration, as part of this modeling, including climate change; results of T-Lidar data and the bank pin erosion monitoring; and velocity and shear stress analysis, specifically at the triple meander location.

Discussion was held among Task Force Members regarding various components of the data presented at tonight's meeting; further discussion of the velocity and shear stress analysis at the triple meander location; generally, the impact of additional impervious pavement, in terms of new development in the impacted watersheds (Caulks and Bonhomme Creeks); and the consideration of expanding the study by the USGS to include further analysis of possible bank stabilization at certain locations. The Co-Chairs and Task Force Members thanked Dr. LeRoy for the thorough update on this important study.

A motion by Council Member Edens, seconded by Member Bramman, to direct the Departments to explore the possibility and options in expanding the scope of the study of Caulks Creek to include bank stabilization components. Hearing no objections to the motion, the Co-Chairs declared it approved.

**VI. Status And Next Steps Of Detention/Retention Basin Studies By Wilson Hydro And Wagner And Associates, L.L.C.**

Director Vujnich provided an update regarding the retrofit of the identified detention and retention basins in the Caulks Creek Watershed. He noted the consultants have made good progress and will be conducting site visits to the selected locations in the coming weeks. Director Vujnich also noted the consultants will be outlining survey work that will need to be conducted under a separate professional services agreement to assist in this analysis, which will be presented to City Council, if the Members have no objection to such.

Discussion was held among Task Force and City Team Members regarding the identified next steps with this project and clarification regarding the range of estimated costs for each basin.

**VII. Updates on Projects**

Interim City Administrator Lee provided an update regarding funding that was being sought by the City at the State Legislature to address projects identified by the Task Force. He stated the City, via its legislative consultant, was successful in obtaining commitments, in the form of legislation, from the State for \$500,000.00 for watershed and erosion issues. Mr. Lee stated the legislation, including this funding, has been passed and sent to Governor for signature or veto.

Discussion was held among Task Force and City Team Members regarding the overall available funds available for the work of the task force; funds committed so far this fiscal year; and the consideration of sending a letter thanking the legislative consultant and legislators for approving this much needed funding.

#### **VIII. Watershed Erosion Task Force Work Program Items**

No items were presented.

#### **IX. Updates to Work Program Matrix – 2023**

Director Vujnich provided a brief overview of the Work Program Matrix.

No discussion was held among Task Force Members regarding this informational item.

No action was taken regarding this update item.

#### **IX. Other Matters for Consideration - Bank Stabilization Through Tree Planting Programs**

Discussion was held among Task Force Members regarding various components of future efforts regarding bank stabilization and what information that could be developed to assist residents and Homeowners Associations to understand how this work within drainage areas and creeks, via plantings could be accomplished.

#### **X. Next Meeting Date**

The date for the next meeting of the Task Force will be determined in the upcoming weeks and coordinated with the Members.

#### **XI. Closing Remarks and Adjournment**

A motion was made by Council Member Edens, seconded by Member Sturman, to adjourn the meeting. Hearing no objections among the membership, the meeting was declared adjourned by Co-Chairs Farmer and Holthouse at 7:40 p.m.