

Upper Makefield Environmental Advisory Council February 14, 2023 Meeting Minutes

The February 14, 2023 public meeting of the Upper Makefield Township Environmental Advisory Council was called to order by Vice Chair Harry Barfoot at 7:00 p.m. In attendance were the following members of the Environmental Advisory Council: Vice Chair Harry Barfoot, Member Bud Baldwin, Member Nicole Khan, and Member Cathy Magliocchetti. Also, in attendance were Planning & Zoning Director Denise Burmester and Administrative Assistant Ashleigh Somershoe.

CONFIRMATION OF QUORUM

Vice Chair Harry Barfoot confirmed a quorum.

PUBLIC COMMENT

There was no public comment.

APPROVAL OF MINUTES

A motion was made by Mr. Baldwin and seconded by Ms. Magliocchetti to approve the January 10, 2023 meeting minutes. Motion carried by a unanimous vote.

LANDSTUDIES – PROPOSAL UPDATE – EMILY WEST VIA ZOOM

LandStudies performed a walkthrough of Jericho Creek on January 17, 2023 to observe local flooding and streambank instability and land loss due to erosion

Emily West of LandStudies presented the findings of this walkthrough and high-level estimates for projects on each section of the creek inspected.

- Estimated costs:
- **Upper Reach (Eagle Road through Sycamore Farms HOA property on Stoneybrook Rd.)**
Design of creek bank restoration.
Design Permit Cost Estimate = (+/- 10%) \$ 125,000
Construction Cost Estimate = (+/- 20%) \$ 1.8 Million (based on 2020 preliminary design estimates)
- **Middle Reach (371 Stoneybrook Road)**
Design of a flood plain restoration.
Design Permit Cost Estimate = (+/- 10%) \$125,000
Construction Ballpark Cost Estimate = (+/- 20%) \$ 1 Million (based on 2020 preliminary design estimates)
- **Lower Reach (1275 Taylorsville Road to Delaware River)**
Modeling would be done to determine stability of creek and course change impacts.
Modeling Estimate < \$20,000

A recommendation was made to discuss next steps and properties to recommend to the Board at next month's EAC meeting.

439 BROWNSBURG RD – RIPARIAN PLANTING REVIEW

Larry Young of Tri-State Engineering provided an overview of the Subdivision application requesting a minor sub-division, stormwater management and riparian planting review.

Discussion followed with the following topics:

- Riparian buffers required by JMZO.
- Changing flow structure on involved properties.

- NPDES application has been applied for.

Suggestion to follow recommendations of Tri-State Engineering for water flow. EAC members continued to discuss planting scheme for this area at the next meeting.

LOWER DELAWARE WILD & SCENIC RIVERS PARTNERSHIP – ROBERT MCEWAN

Solebury Resident Robert McEwan provided an overview of the applications requesting the Township engaging in the Lower Delaware Wild and Scenic Rivers Partnership.

Discussion followed with the following topics:

- Goals:
 - Water Quality
 - Natural Resources
 - Historic & Cultural Resources
 - Recreation
 - Economic Development
 - Open Space Preservation

Mr. McEwan will draft a motion to be reviewed by the EAC at next month's meeting.

EARTH DAY PLANNING

A motion was made by Mr. Barfoot not to participate in Middletown Earth Day. Motion carried by a unanimous vote.

A recommendation was made to discuss organizing an Earth Day event at Brownsburg Park at next month's meeting.

RIPARIAN GRANT – RIVER CROSSING HOA BASIN WALKTHROUGH UPDATE

There is no update on this matter. The Township will reach out to resident Mr. Kovalcik to coordinate a walkthrough.

CHAIR REPORT

EAC Vice Chair – Harry Barfoot

There was no Chair Report.

LIASION REPORTS

Board of Supervisors – Dr. Ed Ford

There was no BOS Report.

Planning and Zoning – Denise Burmester

Ms. Burmester provided Planning and Zoning status on the following topics:

- Community Rating System (CRS) Recertification submitted February 1, 2023.
- Letter to property owners in Recurring Loss Area sent with information on flood prevention and property protection.
- Update on student participation in live staking. Ms. Magliocchetti stated student Elise Rehn would not be forming a new environmental club and will instead work with the environmental club that is currently active at Council Rock. Upon further discussion by the council, a motion was made by Mr. Baldwin not to do live staking this year. Motion carried by a unanimous vote.
- Emergency riparian repair at 958 Old Dolington Road coordinated through the Township, Township Engineer, and DEP.

ADJOURNMENT

A motion was made by Mr. Barfoot and seconded by Ms. Khan to adjourn the meeting at 9:30 p.m. Motion carried by a unanimous vote.

Respectfully submitted,



Denise Burmester

Director of Planning & Zoning

Approved: April 11, 2023