

**City of Olivette  
Parks & Recreation Commission**

**AGENDA ITEM REPORT**

May 19, 2021

**ITEM NO. 9**

**ITEM:**

Indian Meadows Rain Gauge Installation Request

**RECOMMENDATION:**

Approve installing a rain gauge in Indian Meadows Park funded by University City in a mutually agreed upon location, and forward request to the City Council.

**COMMENTS:**

In 2017, the City Council of University City established a Storm Water Task Force. Following completion of the Task Force's final report, the City Council established a Commission of Storm Water Issues to advise the Council on the design and implementation of projects and policies to protect the community from storm water harm and promote the public health, safety and welfare

University City is now drafting a Storm Water Master Plan, and is creating an early warning system for flooding along the River Des Peres. One component of the early warning system is gathering rainfall data in key locations along the River. Indian Meadows Park was identified as a key location. University City Public Works Director Sinan Alpaslan has requested installation of a rain gauge in Indian Meadows Park to gather rain fall data.

The rain gauge would be installed in a mutually agreed upon location within Indian Meadows Park. The gauge installation and annual maintenance would be funded entirely by University City. The gauge would be mounted on a pole similar to a light pole and powered by a solar panel. (*see attached images*) The ideal install height for the rain gauge is between 12-14 feet. This height range deters tampering but is still low enough to allow service by ladder. University City will share all data collected with the City of Olivette.

If approved by the Parks and Recreation Commission, the request would be forwarded to the Olivette City Council. Following approval by the City Council, City staff would work with the Park Master Plan Landscape Architect to identify a suitable location that would not detract from nor interfere with planned park improvements.

**ATTACHMENT(S):**

1. Specifications of proposed rain gauge and pole for Indian Meadows Park

**PRESENTED BY:**

Beverly Tucker Knight; Parks and Recreation Director