



TO: APWA KC Metro Chapter Members
FROM: APWA KC Metro Sustainable Stormwater Task Force
DATE: July 23, 2021
RE: Improvements to Existing Stormwater Standards (APWA 5600)

The APWA Executive Board in late 2019 created a Sustainable Stormwater Task Force (see Attachment 1 for Task Force and Advisory member rosters) chaired by Andy Sauer. The Task Force and Advisory members met on March 24, April 15, April 30, July 23, and August 21, 2020 with the purpose of discussing the state of the stormwater community of practice in our region, developing ideas for improving our regional stormwater standards, and providing recommendation to the APWA KC Metro Chapter.

Outcomes and recommendations from the Task Force included:

- 1) ***Vision Statement and Guiding Principles for Stormwater Management*** (Attachment 2). The purpose was to give the community of practice direction as we build and update policy, criteria, and communication tools related to stormwater management in the region.
- 2) **Recommendation to Improve the Existing Stormwater Standards** that would include:
 - a. Update 5600 to be an integrated set of stormwater standards that:
 - i. Combines water quantity and quality design standards
 - ii. Includes development and redevelopment standards
 - iii. Addresses resiliency and sustainability by promoting more holistic system evaluations
 - iv. Updates rainfall standards and other appropriate hydrology methods
 - v. Increases the level of hydrology and hydraulic evaluation requirements
 - vi. Reduces some of the existing subjectivity in technical assumptions
 - vii. Provides more natural system design criteria
 - viii. Improves the evaluation of stormwater detention requirements for increased value
 - b. Create educational and outreach materials for APWA members promoting the need for better more sustainable stormwater designs.
 - c. Develop a training and regional certification process for designers, contractors, inspectors, and plan reviewers.

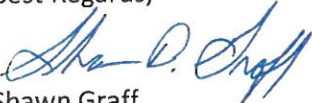
These recommendations will require more than a volunteer effort to improve the existing regional stormwater standards. Therefore, the APWA KC Metro Chapter Executive Committee is considering options to update the regional stormwater standards. More information will be provided as decisions are made on the exact process and timeline for the updates.

We believe that it is important for the APWA KC Metro Chapter to be a leader in assisting municipalities in being more resilient and adaptive with our infrastructure designs. Updating our regional stormwater

standards is a step in that direction, but it will take time and effort to get there. Please stay tuned for more information on this important initiative for our region.

If you have any questions about these recommendations or need further information, please don't hesitate to contact the Task Force Chair, Andy Sauer, at (816) 652-2755 or at ansauer@burnsmcd.com.

Best Regards,



Shawn Graff
APWA KC Metro Chapter 2020 President



Kyle Dieckmann
APWA KC Metro Chapter 2021 President



Andy Sauer
Task Force Chair