

iSWM Implementation Subcommittee Meeting

July 10, 2019

integrated **Stormwater
Management**



www.iswm.nctcog.org

Staff Contact: Sydni Ligons

Regulatory Updates

Bill Number	Short Title	Status	Last Action	Sponsor
TX HB 1059	Relating to a biennial report of stormwater infrastructure in the state	Vetoed by Governor	6/15/19	Lucio (District 38 – Brownsville)
HJR 4	Proposing a constitutional amendment providing for the creation of a flood infrastructure fund for financing of drainage, flood mitigation, and flood control projects	Filed with the Secretary of State	5/28/19	Phelan (District 21 – Orange)

Non legislative information (Renewal of the Small (Phase II) Municipal Separate Storm Sewer System (MS4) General Permit, TXR040000)

The renewal period ends on July 23, 2019. Renewal applications along with an updated Stormwater Management Program need to be submitted on paper forms to TCEQ.

Half Task Order #3 Discussion

Community Inventory

- Ready to post pending any feedback from the subcommittee

Technical Meeting of iSWM Adopters/ Technical Assistance Update

- Seeking volunteers or nominations of iSWM communities to provide feedback on the challenges experienced with iSWM and possible solutions. (See handout for potential meeting schedule).

Reorganize/Re-evaluate Site Development Controls

- Looking to assemble the technical members of the IIS. Seeking volunteers or nominations

iSWM Principals Regional Reviews

Technical Rainfall Intensities

- Recommendations for incorporation of Atlas 14 rainfall data.

BMP installation videos

Frustum of a pyramid formula correction

Found an Error in the iSWM hydraulics manual, page HA-94, this is incorrect,

The frustum of a pyramid formula is expressed as:

$$V = d/3 [A_1 + (A_1 \times A_2)^{0.5} + A_2]/3 \quad (2.2)$$



where:

The final /3 is wrong, it should be;

$$V = \frac{1}{3} h \left(A_1 + A_2 + \sqrt{A_1 A_2} \right).$$

Public Works Program Updates

Public Works Council

- Public Works Roundup on May 21st was well attended, with positive reviews received.
- FY2020 cost shares are available online at <https://www.nctcog.org/envir/public-works/cost-share>
- Next meeting: Thursday, August 15th, NCTCOG Offices

Sustainable Public Rights of Way (SPROW) Subcommittee

- Working towards a Best Management Practices guidebook; proposed template available online at <https://www.nctcog.org/envir/committees/public-works-council/sustainable-public-rights-of-way-subcommittee>
- Next meeting: Tuesday, August 20th, NCTCOG Offices

Standard Drawings Subcommittee

- The Subcommittee reviewed the iSWM technical manual construction controls drawings.
- Next Meeting: Monday, July 22nd, NCTCOG Offices

Upcoming Events and Conferences

EPA 21st Annual Region 6 Stormwater Conference

Denton, TX - July 28-August 1, 2019

Embassy Suites by Hilton Denton Convention Center

More information: <http://tamuk-isee.com/conferences/epa2019conference>

2019 APWA Public Works Expo

Seattle, WA – September 8, 2019

705 Pike St Seattle WA 98101

More information:

https://pwx.apwa.net/PWX/Registration/PWX/Event_Details.aspx?EventTabs=2&hkey=4314c749-0f7a-4b72-86e9-35993ed4fdb9

Public Works Training Calendar

More information: <https://www.nctcog.org/envir/public-works/training-calendar>

Roundtable Discussion

NOW, IT'S YOUR TURN...

Upcoming NCTCOG Meetings

Next iSWM Meeting

October 9, 2019

1:30 p.m.

Fred Keithley Conference Room, CP11, NCTCOG Building

Public Works Council Standard Drawings Subcommittee, July 22

Public Works Council Sustainable Public Rights of Way, August 20

Regional Stormwater Management Council, August 14

Public Works Council Meeting, August 15

Meeting Information at: <https://www.nctcog.org/envir/committees>